

PUBLICATIONS (\* = refereed journals), as of 17 November 2023

Citations: >148k (ADS), >191k (Google Scholar). *h*-index: 164 (ADS), 185 (Google Scholar)

- \*1) A. V. Filippenko and R. S. Simon (1981). *Astron. Jour.*, **86**, 671–686. “A Study of 52 RR Lyrae Stars in M15.”
- \*2) A. V. Filippenko (1982). *Publ. Astron. Soc. Pacific*, **94**, 715–721. “The Importance of Atmospheric Differential Refraction in Spectrophotometry.”
- \*3) A. V. Filippenko and V. Radhakrishnan (1982). *Astrophys. Jour.*, **263**, 828–834. “Pulsar Nulling and Drifting Subpulse Phase Memory.”
- 4) A. V. Filippenko, A. C. S. Readhead, and M. S. Ewing (1983). In *Positron-Electron Pairs in Astrophysics* (Proceedings of AIP Conference 101), ed. M. L. Burns, A. K. Harding, and R. Ramaty (New York: American Institute of Physics), 113–117. “The Effect of Nulls on the Drifting Subpulses in PSR 0809+74.”
- \*5) M. A. Malkan and A. V. Filippenko (1983). *Astrophys. Jour.*, **275**, 477–492. “The Stellar and Nonstellar Continua of Seyfert Galaxies: Nonthermal Emission in the Near-Infrared.”
- \*6) A. V. Filippenko and J. L. Greenstein (1984). *Publ. Astron. Soc. Pacific*, **96**, 530–536. “Faint Spectrophotometric Standard Stars for Large Optical Telescopes. I.”
- \*7) A. V. Filippenko and J. P. Halpern (1984). *Astrophys. Jour.*, **285**, 458–474. “NGC 7213: A Key to the Nature of Liners?”
- \*8) J. P. Halpern and A. V. Filippenko (1984). *Astrophys. Jour.*, **285**, 475–482. “The Nonstellar Continuum of the Seyfert Galaxy NGC 7213.”
- 9) A. V. Filippenko (1984). *Ph.D. thesis*, California Institute of Technology. (Ann Arbor: University Microfilms International), “Physical Conditions in Low-Luminosity Active Galactic Nuclei.”
- \*10) A. V. Filippenko, W. L. W. Sargent, and C. Hazard (1985). *Publ. Astron. Soc. Pacific*, **97**, 41–44. “Discovery of a Faint U Geminorum Star on a U.K. Schmidt Objective-Prism Plate.”
- \*11) A. V. Filippenko (1985). *Astrophys. Jour.*, **289**, 475–489. “New Evidence for Photoionization as the Dominant Excitation Mechanism in Liners.”
- \*12) A. V. Filippenko and W. L. W. Sargent (1985). *Astrophys. Jour. Suppl. Ser.*, **57**, 503–522. “A Search for ‘Dwarf’ Seyfert 1 Nuclei. I. The Initial Data and Results.”
- \*13) W. van Breugel, A. V. Filippenko, T. Heckman, and G. Miley (1985). *Astrophys. Jour.*, **293**, 83–93. “Minkowski’s Object: A Starburst Triggered by a Radio Jet.”
- \*14) A. V. Filippenko (1985). *Astron. Jour.*, **90**, 1172–1174. “Ionization of the Interstellar Medium in Companion Galaxies of QSOs.”
- \*15) A. V. Filippenko and W. L. W. Sargent (1985). *Nature*, **316**, 407–412. “A Peculiar Supernova in the Spiral Galaxy NGC 4618.”
- \*16) H. Spinrad, A. V. Filippenko, S. Wyckoff, J. T. Stocke, R. M. Wagner, and D. G. Lawrie (1985). *Astrophys. Jour. (Letters)*, **299**, L7–L11. “Strong Lyman-Alpha Emission in Three Distant Radio Galaxies.”
- 17) A. V. Filippenko and W. L. W. Sargent (1986). In *Structure and Evolution of Active Galactic Nuclei*, ed. G. Giuricin, *et al.* (Dordrecht: Reidel), 21–45. “The Properties of ‘Dwarf’ Seyfert Nuclei in Nearby Galaxies.”
- \*18) A. V. Filippenko, S. Djorgovski, H. Spinrad, and W. L. W. Sargent (1986). *Astron. Jour.*, **91**, 49–55. “The Redshift of the Highly Variable BL Lac Object H0323+022.”
- \*19) A. V. Filippenko and W. L. W. Sargent (1986). *Astron. Jour.*, **91**, 691–696. “The Unique Supernova (1985F) in NGC 4618.”
- \*20) J. P. Halpern and A. V. Filippenko (1986). *Astron. Jour.*, **91**, 1019–1025. “NGC 6212: An X-Ray-Selected Active Elliptical Galaxy.”

- \*21) W. L. W. Sargent, A. V. Filippenko, C. C. Steidel, C. Hazard, and R. G. McMahon (1986). *Nature*, **322**, 40–42. “Spectrum of a QSO with Redshift 3.8.”
- 22) A. V. Filippenko (1986). In *Highlights of Astronomy*, ed. J.-P. Swings (Dordrecht: Reidel), 589–598. “Recent Optical Observations of Supernovae.”
- 23) A. V. Filippenko (1986). In *IAU Symposium 119: Quasars*, eds. G. Swarup and V. K. Kapahi (Dordrecht: Reidel), 289–294. “Studies of Narrow Emission Lines in AGNs.”
- \*24) W. J. M. van Breugel, T. M. Heckman, G. K. Miley, and A. V. Filippenko (1986). *Astrophys. Jour.*, **311**, 58–84. “4C 29.30: Extended Optical Line and Radio Emission in a Probable Galaxy Merger.”
- \*25) A. V. Filippenko, A. C. Porter, W. L. W. Sargent, and D. P. Schneider (1986). *Astron. Jour.*, **92**, 1341–1348. “The Optical Light Curve of SN 1985F in NGC 4618.”
- 26) A. V. Filippenko and W. L. W. Sargent (1987). In *IAU Symposium 121: Observational Evidence of Activity in Galaxies*, eds. E. Ye. Khachikian, K. J. Fricke, and J. Melnick (Dordrecht: Reidel), 451–460. “A Search for Low-Level Seyfert Activity in the 500 Brightest Northern Galaxies.”
- 27) A. V. Filippenko and W. L. W. Sargent (1987). In *The Galactic Center* (Proceedings of AIP Conference 155), ed. D. C. Backer (New York: American Institute of Physics), 172–175. “Low-Luminosity Seyfert Nuclei in Nearby Galaxies.”
- \*28) A. C. Porter and A. V. Filippenko (1987). *Astron. Jour.*, **93**, 1372–1380. “The Observational Properties of Type Ib Supernovae.”
- 29) A. V. Filippenko (1987). In *IAU Symposium 124: Observational Cosmology*, eds. A. Hewitt, G. R. Burbidge, and L.-Z. Fang (Dordrecht: Reidel), 761–765. “The ‘Gravitational Lens’ 3C 321: A Remarkable Impostor.”
- \*30) A. V. Filippenko and W. L. W. Sargent (1988). *Astrophys. Jour.*, **324**, 134–153. “A Detailed Study of the Emission Lines in the Seyfert 1 Nucleus of M81.”
- \*31) J. P. Halpern and A. V. Filippenko (1988). *Nature*, **331**, 46–48. “A Test of the Massive Binary Black Hole Hypothesis: Arp 102B.”
- 32) A. V. Filippenko (1988). In *Supermassive Black Holes*, ed. M. Kafatos (Cambridge: Cambridge University Press), 104–119. “Indirect Evidence for Massive Black Holes in Nearby Galactic Nuclei.”
- \*33) P. J. McCarthy, M. Dickinson, A. V. Filippenko, H. Spinrad, and W. J. M. van Breugel (1988). *Astrophys. Jour. (Letters)*, **328**, L29–L33. “Serendipitous Discovery of a Redshift 4.4 QSO.”
- \*34) K. W. Wachter, M. A. Strauss, and A. V. Filippenko (1988). *Astrophys. Jour.*, **330**, 91–104. “Soft X-Ray Variability and the Covering Fraction of Active Galactic Nuclei.”
- 35) A. V. Filippenko (1988). In *Supernova 1987A in the Large Magellanic Cloud*, eds. M. Kafatos and A. G. Michalitsianos (Cambridge: Cambridge University Press), 106–111. “On the Nature and Apparent Uniqueness of SN 1987A.”
- \*36) A. V. Filippenko, R. W. Romani, W. L. W. Sargent, and R. D. Blandford (1988). *Astron. Jour.*, **96**, 242–250. “Possible Evidence for Disk Emission in SS 433.”
- 37) A. V. Filippenko (1988). *Advances in Space Research*, **8**, No. 2, 5–15. “Optical and Ultraviolet Spectra of Active Galactic Nuclei: Searching for Accretion Disks.”
- 38) G. A. Reichert, C.-C. Wu, and A. V. Filippenko (1988). In *A Decade of UV Astronomy with the IUE Satellite*, ed. E. J. Rolfe (Noordwijk: ESA Publications Division), Vol. 2, 307–310. “Spatially Resolved Ultraviolet Spectroscopy of the Liner NGC 3998.”
- \*39) J. C. Shields and A. V. Filippenko (1988). *Astrophys. Jour. (Letters)*, **332**, L55–L58. “Extended Broad-Line Emission in the Obscured Seyfert 1 Nucleus of NGC 4388.”
- \*40) A. V. Filippenko, J. C. Shields, and W. L. W. Sargent (1988). *Publ. Astron. Soc. Pacific*, **100**, 1233–1241. “The Nature of VV76 (NGC 4496A,B).”
- \*41) A. V. Filippenko (1988). *Astron. Jour.*, **96**, 1941–1948. “Supernova 1987K: Type II in Youth, Type Ib in Old Age.”
- 42) A. V. Filippenko (1988). *Proc. Astron. Soc. Australia*, **7**, 540–547. “Taxonomy of Supernovae.”

- \*43) C. R. Pennypacker, *et al.* [24 authors] (1989). *Astron. Jour.*, **97**, 186–193. “Observations of the Type II Supernova 1986I in M99.”
- \*44) A. V. Filippenko (1989). *Astron. Jour.*, **97**, 726–734. “The ‘Seyfert 1’ Optical Spectra of the Type II Supernovae 1987F and 1988I.”
- \*45) A. V. Filippenko (1989). *Astrophys. Jour. (Letters)*, **338**, L49–L52. “Evidence for Mg II  $\lambda$ 2798 Profile Differences in the Gravitationally Lensed QSO 2237+0305 A,B.”
- \*46) K. Chen, J. P. Halpern, and A. V. Filippenko (1989). *Astrophys. Jour.*, **339**, 742–751. “Kinematic Evidence for a Relativistic Accretion Disk: Arp 102B.”
- \*47) J. Schachter, A. V. Filippenko, and S. M. Kahn (1989). *Astrophys. Jour.*, **340**, 1049–1063. “Bowen Fluorescence in Scorpius X-1.” [*Erratum*: **362**, 379 (1990).]
- \*48) A. V. Filippenko (1989). *Publ. Astron. Soc. Pacific*, **101**, 588–593. “Type Ia Supernovae in Elliptical and Spiral Galaxies: Possible Differences in Photometric Homogeneity.”
- 49) M. A. Strauss, K. W. Wachter, and A. V. Filippenko (1989). In *IAU Symposium 134: Active Galactic Nuclei*, eds. D. E. Osterbrock and J. S. Miller (Dordrecht: Kluwer), 118–119. “Soft X-ray Variability and the Covering Fraction of Active Galactic Nuclei.”
- 50) J. C. Shields and A. V. Filippenko (1989). In *IAU Symposium 134: Active Galactic Nuclei*, eds. D. E. Osterbrock and J. S. Miller (Dordrecht: Kluwer), 480–481. “Long-Slit Spectroscopy of IC 5135 and NGC 4388.”
- 51) A. V. Filippenko (1989). In *IAU Symposium 134: Active Galactic Nuclei*, eds. D. E. Osterbrock and J. S. Miller (Dordrecht: Kluwer), 495–512. “Low-Luminosity Active Galactic Nuclei.”
- \*52) A. V. Filippenko and W. L. W. Sargent (1989). *Astrophys. Jour. (Letters)*, **342**, L11–L14. “Discovery of an Extremely Low Luminosity Seyfert 1 Nucleus in the Dwarf Galaxy NGC 4395.”
- \*53) R. W. Goodrich, G. S. Stringfellow, G. D. Penrod, and A. V. Filippenko (1989). *Astrophys. Jour.*, **342**, 908–916. “SN 1961V: An Extragalactic Eta Carinae Analogue?”
- \*54) A. V. Filippenko and W. L. W. Sargent (1989). *Astrophys. Jour. (Letters)*, **345**, L43–L46. “Spectroscopic Evidence for Inhomogeneities in the Ejecta of the Type Ib Supernova 1985F.”
- 55) A. V. Filippenko (1989). In *Particle Astrophysics: Forefront Experimental Issues*, ed. E. B. Norman (Singapore: World Scientific), 177–178. “Recent Spectroscopic Observations of Supernovae.”
- \*56) J. C. Shields and A. V. Filippenko (1990). *Astrophys. Jour. (Letters)*, **353**, L7–L10. “Discovery of a Massive, Young Star Cluster in the Filaments of NGC 1275.”
- 57) J. C. Shields and A. V. Filippenko (1990). *Massive Stars in Starbursts*, ed. C. Leitherer and N. Walborn (Baltimore: Space Telescope Science Institute), 46–47. “Formation of Massive Stars in a Cooling Flow: New Results on NGC 1275.”
- \*58) J. Schachter, A. V. Filippenko, and S. M. Kahn (1990). *Astrophys. Jour.*, **362**, 74–89. “Bowen Fluorescence in a Sample of Seyfert Nuclei.”
- \*59) J. C. Shields and A. V. Filippenko (1990). *Astron. Jour.*, **100**, 1034–1045. “Emission-Line Properties of the Composite Seyfert/Starburst Galaxy IC 5135.”
- \*60) A. V. Filippenko, A. C. Porter, and W. L. W. Sargent (1990). *Astron. Jour.*, **100**, 1575–1587. “The Type Ic (Helium-Poor Ib) Supernova 1987M: Transition to the Supernebular Phase.”
- \*61) J. C. Shields, A. V. Filippenko, and G. Basri (1990). *Astron. Jour.*, **100**, 1805–1810. “The Young Star Cluster in NGC 1275: H $\alpha$  Line Width and Star Formation Properties.”
- 62) J. Schachter, A. V. Filippenko, S. M. Kahn, and F. B. S. Paerels (1990). In *Accretion-Powered Compact Binaries*, ed. C. W. Mauche (Cambridge: Cambridge University Press), 269–272. “Observations of Bowen Fluorescence in AM Her Stars.”
- \*63) K. Nomoto, A. V. Filippenko, and T. Shigeyama (1990). *Astron. Astrophys.*, **240**, L1–L4. “The Type Ic Supernova 1987M: Core Collapse of a Low-Mass Helium Star in a Binary System.”
- 64) A. V. Filippenko (1991). In *Supernovae*, ed. S. E. Woosley (New York: Springer-Verlag), 467–479. “Supernovae: Fabulous Results and Stories.”

- 65) M. Richmond and A. V. Filippenko (1991). In *Supernovae*, ed. S. E. Woosley (New York: Springer-Verlag), 731–736. “Searching for Supernovae in Starburst Galaxies.”
- 66) A. V. Filippenko (1991). In *IAU Symposium 143: Wolf-Rayet Stars and Interrelations with Other Massive Stars in Galaxies*, ed. K. A. van der Hucht and B. Hidayat (Dordrecht: Kluwer), 529–536. “Are Wolf-Rayet Stars the Progenitors of Type Ib/Ic Supernovae?”
- 67) A. V. Filippenko and W. L. W. Sargent (1991). In *IAU Symposium 143: Wolf-Rayet Stars and Interrelations with Other Massive Stars in Galaxies*, ed. K. A. van der Hucht and B. Hidayat (Dordrecht: Kluwer), 655. “Discovery of Wolf-Rayet Stars in the SBmIII Galaxy NGC 4214.”
- \*68) J. Clavel, *et al.* [57 authors] (1991). *Astrophys. Jour.*, **366**, 64–81. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. I. An 8 Month Campaign of Monitoring NGC 5548 with *IUE*.”
- \*69) B. M. Peterson, *et al.* [64 authors] (1991). *Astrophys. Jour.*, **368**, 119–137. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. II. An Intensive Study of NGC 5548 at Optical Wavelengths.”
- 70) M. Kolman, J. P. Halpern, C. R. Shrader, and A. V. Filippenko (1991). In *Structure and Emission Properties of Accretion Disks*, ed. C. Bertout, S. Collin-Souffrin, J. P. Lasota, and J. Tran Thanh Van (Gif sur Yvette: Editions Frontières), 453–454. “The Ultraviolet Spectrum of the Bright QSO H1821+643 and its Continuum Energy Distribution.”
- \*71) R. W. Romani, A. V. Filippenko, and C. C. Steidel (1991). *Publ. Astron. Soc. Pacific*, **103**, 154–159. “Searching for High-Redshift Superclusters.”
- \*72) B. Leibundgut, R. P. Kirshner, A. V. Filippenko, J. C. Shields, C. B. Foltz, M. M. Phillips, and G. Sonneborn (1991). *Astrophys. Jour. (Letters)*, **371**, L23–L26. “Premaximum Observations of the Type Ia SN 1990N.”
- \*73) M. Kolman, J. P. Halpern, C. R. Shrader, and A. V. Filippenko (1991). *Astrophys. Jour.*, **373**, 57–65. “The Ultraviolet Spectrum and Continuum Energy Distribution of the Bright Quasar H1821+643.”
- \*74) J. Schachter, A. V. Filippenko, S. M. Kahn, and F. B. S. Paerels (1991). *Astrophys. Jour.*, **373**, 633–648. “Bowen Fluorescence in AM Herculis Stars.”
- 75) D. Branch, K. Nomoto, and A. V. Filippenko (1991). *Comments on Astrophys.*, **XV**, 221–237. “The Supernova-Progenitor Connection.”
- 76) A. V. Filippenko (1991). In *Supernovae and Stellar Evolution*, ed. A. Ray and T. Velusamy (Singapore: World Scientific), 34–57. “Photometric and Spectroscopic Classification of Supernovae.”
- 77) A. V. Filippenko (1991). In *Supernovae and Stellar Evolution*, ed. A. Ray and T. Velusamy (Singapore: World Scientific), 58–86. “The Progenitors and Explosion Mechanisms of Supernovae.”
- \*78) W. L. W. Sargent and A. V. Filippenko (1991). *Astron. Jour.*, **102**, 107–112. “Luminous Clusters of Wolf-Rayet Stars in the SBmIII Galaxy NGC 4214.”
- 79) A. V. Filippenko (1991). In *SN 1987A and Other Supernovae*, ed. I. J. Danziger and K. Kjær (Garching: ESO), 343–362. “The Optical Diversity of Supernovae.”
- \*80) D. J. Jeffery, D. Branch, A. V. Filippenko, and K. Nomoto (1991). *Astrophys. Jour. (Letters)*, **377**, L89–L92. “The Near Maximum-Light Spectrum of the Type Ic Supernova 1987M.”
- 81) A. V. Filippenko (1991). In *High-Energy Astrophysics: American and Soviet Perspectives*, ed. W. H. G. Lewin, G. W. Clark, and R. A. Sunyaev (Washington, D.C.: National Academy Press), 91–107. “Optical Observations of Active Galactic Nuclei.”
- 82) M. W. Richmond and A. V. Filippenko (1991). In *Advances in Robotic Telescopes*, ed. M. A. Seeds and J. L. Richard (Mesa: Fairborn Press), 81–88. “The Berkeley Automatic Imaging Telescope (AIT) Project.”
- 83) A. V. Filippenko and M. W. Richmond (1991). In *Advances in Robotic Telescopes*, ed. M. A. Seeds and J. L. Richard (Mesa: Fairborn Press), 89–98. “Scientific Goals of the Berkeley Automatic Imaging Telescope.”

- \*84) A. V. Filippenko and W. L. W. Sargent (1992). *Astron. Jour.*, **103**, 28–40. “The Kinematics of a Violent Outflow from the Nucleus of the Sc Galaxy NGC 3079.”
- \*85) A. V. Filippenko, *et al.* [16 authors] (1992). *Astrophys. Jour. (Letters)*, **384**, L15–L18. “The Peculiar Type Ia SN 1991T: Detonation of a White Dwarf?”
- \*86) A. V. Filippenko (1992). *Astrophys. Jour. (Letters)*, **384**, L37–L40. “Early-Time Spectra of Type Ic Supernovae: Further Evidence for the Presence of Hydrogen.”
- \*87) D. Maoz, J. N. Bahcall, D. P. Schneider, R. Doxsey, N. A. Bahcall, A. V. Filippenko, W. M. Goss, O. Lahav, and B. Yanny (1992). *Astrophys. Jour. (Letters)*, **386**, L1–L3. “A Gravitational Lens Candidate Discovered with the *Hubble Space Telescope*.”
- \*88) G. A. Reichert, G. Branduardi-Raymont, A. V. Filippenko, K. O. Mason, E. M. Puchnarewicz, and C.-C. Wu (1992). *Astrophys. Jour.*, **387**, 536–550. “Spatially Resolved Ultraviolet Spectroscopy of the LINER Galaxy NGC 3998.”
- \*89) J. C. Shields and A. V. Filippenko (1992). *Astron. Jour.*, **103**, 1443–1450. “Constraints on [Fe X] Emission from the Perseus Cluster of Galaxies.”
- \*90) B. M. Peterson, *et al.* [34 authors] (1992). *Astrophys. Jour.*, **392**, 470–484. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. III. Further Observations of NGC 5548 at Optical Wavelengths.”
- 91) J. Halpern and A. Filippenko (1992). In *Testing the AGN Paradigm* (Proceedings of AIP Conference 254), ed. S. S. Holt, S. G. Neff, and C. M. Urry (New York: American Institute of Physics), 57–60. “Double-Peaked Line Profiles in AGNs — Testing for Supermassive Binary Black Holes.”
- 92) A. V. Filippenko (1992). In *Relationships Between Active Galactic Nuclei and Starburst Galaxies*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 31), 253–266. “Low-Level Activity in AGNs: Possible Connections to Starbursts.”
- 93) J. C. Shields and A. V. Filippenko (1992). In *Relationships Between Active Galactic Nuclei and Starburst Galaxies*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 31), 267–271. “The Nature of Star-Like Nuclei in Late-Type Galaxies.”
- 94) G. A. Reichert, E. M. Puchnarewicz, A. V. Filippenko, K. O. Mason, G. Branduardi-Raymont, and C.-C. Wu (1992). In *Relationships Between Active Galactic Nuclei and Starburst Galaxies*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 31), 277–284. “Spatially Resolved Ultraviolet Spectroscopy of LINERs: New Insights into the LINER Phenomenon.”
- \*95) A. V. Filippenko, M. W. Richmond, D. Branch, C. M. Gaskell, W. Herbst, C. H. Ford, R. R. Treffers, T. Matheson, L. C. Ho, A. Dey, W. L. W. Sargent, T. A. Small, and W. J. M. van Breugel (1992). *Astron. Jour.*, **104**, 1543–1556. “The Subluminous, Spectroscopically Peculiar Type Ia Supernova 1991bg in the Elliptical Galaxy NGC 4374.”
- \*96) A. V. Filippenko and R. Terlevich (1992). *Astrophys. Jour. (Letters)*, **397**, L79–L82. “O-Star Photoionization Models of LINERs with Weak [O I]  $\lambda$ 6300 Emission.”
- 97) A. V. Filippenko (1992). In *Robotic Telescopes in the 1990s*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 34), 55–66. “The Scientific Potential of Automatic CCD Imaging Telescopes.”
- 98) M. W. Richmond, R. R. Treffers, and A. V. Filippenko (1992). In *Robotic Telescopes in the 1990s*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 34), 105–114. “Progress Report on the Berkeley Automatic Imaging Telescope.”
- 99) R. R. Treffers, M. W. Richmond, and A. V. Filippenko (1992). In *Robotic Telescopes in the 1990s*, ed. A. V. Filippenko (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 34), 115–122. “Technical Description of the Berkeley Automatic Imaging Telescope.”
- 100) A. V. Filippenko (1992). In *Physics of Active Galactic Nuclei*, ed. W. J. Duschl and S. J. Wagner (Berlin: Springer-Verlag), 345–368. “The Central Engine of Active Galactic Nuclei: Starbursts Versus Black Holes.”

- 101) H. K. C. Yee, A. V. Filippenko, and D. Tang (1992). In *Gravitational Lenses* (Lecture Notes in Physics, Vol. 406), ed. R. Kayser, T. Schramm, and L. Niesen (Berlin: Springer-Verlag), 83–87. “A High-Resolution Imaging Survey for Gravitational Lenses.”
- \*102) M. Kolman, J. P. Halpern, C. R. Shrader, A. V. Filippenko, H. H. Fink, and S. G. Schaeidt (1993). *Astrophys. Jour.*, **402**, 514–531. “Simultaneous *ROSAT*, *GINGA*, *VLA*, *IUE*, and Optical Observations of the Bright Quasar H1821+643.”
- \*103) H. K. C. Yee, A. V. Filippenko, and D. Tang (1993). *Astron. Jour.*, **105**, 7–16. “A High-Resolution Gravitational Lens Survey.”
- \*104) D. Maoz, H. Netzer, B. M. Peterson, J. Bechtold, R. Bertram, N. G. Bochkarev, T. E. Carone, M. Dietrich, A. V. Filippenko, W. Kollatschny, K. T. Korista, A. I. Shapovalova, J. C. Shields, P. S. Smith, U. Thiele, and R. M. Wagner (1993). *Astrophys. Jour.*, **404**, 576–583. “Variations of the Ultraviolet Fe II and Balmer Continuum Emission in the Seyfert Galaxy NGC 5548.”
- \*105) M. Dietrich, *et al.* [38 authors] (1993). *Astrophys. Jour.*, **408**, 416–427. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. IV. Intensity Variations of the Optical Emission Lines of NGC 5548.”
- \*106) J. Surdej, J. F. Claeskens, D. Crampton, A. V. Filippenko, D. Hutsemékers, P. Magain, B. Pirene, C. Vanderriest, and H. K. C. Yee (1993). *Astron. Jour.*, **105**, 2064–2078. “Gravitational Lensing Statistics Based on a Large Sample of Highly Luminous Quasars.”
- \*107) B. P. Schmidt, *et al.* [36 authors] (1993). *Astron. Jour.*, **105**, 2236–2250. “Photometric and Spectroscopic Observations of SN 1990E in NGC 1035: Observational Constraints for Models of Type II Supernovae.”
- \*108) L. C. Ho, J. C. Shields, and A. V. Filippenko (1993). *Astrophys. Jour.*, **410**, 567–573. “The Ionizing Radiation of Seyfert 2 Galactic Nuclei.”
- 109) A. V. Filippenko, L. C. Ho, and W. L. W. Sargent (1993). In *Texas/PASCOS '92: Relativistic Astrophysics and Particle Cosmology*, ed. C. W. Akerlof and M. A. Srednicki (New York: Annals of the New York Academy of Sciences, Vol. 688), 705–710. “NGC 4395: Evidence Against the Starburst Hypothesis for Seyfert 1 Nuclei and QSOs.”
- \*110) A. V. Filippenko, L. C. Ho, and W. L. W. Sargent (1993). *Astrophys. Jour. (Letters)*, **410**, L75–L78. “*HST* Observations of NGC 4395, the Least Luminous Seyfert 1 Nucleus: Evidence Against the Starburst Hypothesis for Broad-Lined Active Galactic Nuclei.”
- 111) P. Ruiz-Lapuente and A. V. Filippenko (1993). In *Origin and Evolution of the Elements*, ed. N. Prantzos, E. Vangioni-Flam, and M. Cassé (Cambridge: Cambridge University Press), 318–322. “Fe-Peak Elements in SN Ia: Constraints from Spectral Modeling.”
- \*112) D. A. Swartz, A. V. Filippenko, K. Nomoto, and J. C. Wheeler (1993). *Astrophys. Jour.*, **411**, 313–322. “Spectra of Low-Mass Helium Star Models and the Type Ic Supernova SN 1987M.”
- \*113) H. Spinrad, A. V. Filippenko, H. K. C. Yee, E. Ellingson, J. C. Blades, J. N. Bahcall, B. T. Jannuzi, J. Bechtold, and A. Dobrzycki (1993). *Astron. Jour.*, **106**, 1–5. “Hydrogen and Metal Absorption Lines in PKS 0405–123 from the Halos of Low Redshift Galaxies.”
- \*114) C. M. Urry, *et al.* [29 authors] (1993). *Astrophys. Jour.*, **411**, 614–631. “Multiwavelength Monitoring of the BL Lacertae Object PKS 2155–304. I. The *IUE* Campaign.”
- \*115) C. H. Ford, W. Herbst, M. W. Richmond, M. L. Baker, A. V. Filippenko, R. R. Treffers, Y. Paik, and P. J. Benson (1993). *Astron. Jour.*, **106**, 1101–1112. “CCD Photometry of Three Type Ia Supernovae: *V*, *R*, and *I* Light Curves.”
- \*116) A. V. Filippenko, T. Matheson, and L. C. Ho (1993). *Astrophys. Jour. (Letters)*, **415**, L103–106. “The ‘Type Iib’ Supernova SN 1993J in M81: A Close Relative of Type Ib Supernovae.”
- 117) L. C. Ho and A. V. Filippenko (1993). *Astrophys. and Space Science*, **205**, 19–27. “The Photoionization Mechanism of LINERs: Stellar or Nonstellar?”
- \*118) E. Baron, P. H. Hauschildt, D. Branch, R. M. Wagner, S. J. Austin, A. V. Filippenko, and T. Matheson (1993). *Astrophys. Jour. (Letters)*, **416**, L21–L23. “Interpretation of the Early Spectra of SN 1993J in M81.”

- 119) G. A. Reichert, E. M. Puchnarewicz, A. V. Filippenko, K. O. Mason, G. Branduardi-Raymont, and C.-C. Wu (1993). In *The Nearest Active Galaxies*, ed. J. Beckman, L. Colina, and H. Netzer (Madrid: CSIC Press), 85–97. “Ultraviolet Spectral Properties of Low Luminosity AGN.”
- 120) A. V. Filippenko (1993). In *The Nearest Active Galaxies*, ed. J. Beckman, L. Colina, and H. Netzer (Madrid: CSIC Press), 99–113. “The Physical Nature of LINERs.”
- 121) A. V. Filippenko, P. S. Conti, R. Genzel, T. M. Heckman, R. F. Mushotzky, and R. J. Terlevich (1993). In *The Nearest Active Galaxies*, ed. J. Beckman, L. Colina, and H. Netzer (Madrid: CSIC Press), 257–267. “Active Galactic Nuclei: Starbursts Versus Black Holes.”
- \*122) M. W. Richmond, R. R. Treffers, and A. V. Filippenko (1993). *Publ. Astron. Soc. Pacific*, **105**, 1164–1174. “The Berkeley Automatic Imaging Telescope.”
- \*123) P. Ruiz-Lapuente, D. J. Jeffery, P. M. Challis, A. V. Filippenko, R. P. Kirshner, L. C. Ho, B. P. Schmidt, F. Sánchez, and R. Canal (1993). *Nature*, **365**, 728–730. “A Possible Low Mass Type Ia Supernova.”
- \*124) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1993). *Astrophys. Jour.*, **417**, 63–81. “A Reevaluation of the Excitation Mechanism of LINERs.”
- \*125) T. Matheson, A. V. Filippenko, and L. C. Ho (1993). *Astrophys. Jour. (Letters)*, **418**, L29–L32. “Nova Herculis 1991: Thermonuclear Runaway on a Massive ONeMg White Dwarf.” [*Erratum: 423*, L75 (1994).]
- 126) A. V. Filippenko (1993). *Sky & Telescope*, **86**, No. 6, 30–36. “A Supernova with an Identity Crisis.”
- 127) A. V. Filippenko (1994). In *Great Ideas for Teaching Astronomy*, Second Edition, ed. S. M. Pompea (St. Paul, MN: West Publishing Co.), contributions on pages 1, 2, 46, 47, 58, 63, 64, 75, 90, and 91. (In the Third Edition, copyright 2000, the contributions are on pages 3, 4, 57, 58, 77, 84, 85, 109, 110, 129, 130, and 131.)
- \*128) D. J. Jeffery, R. P. Kirshner, P. M. Challis, C. S. J. Pun, A. V. Filippenko, T. Matheson, D. Branch, R. A. Chevalier, C. Fransson, N. Panagia, R. V. Wagoner, J. C. Wheeler, and A. Clocchiatti (1994). *Astrophys. Jour. (Letters)*, **421**, L27–L30. “A *Hubble Space Telescope* Ultraviolet Spectrum of SN 1993J.”
- 129) A. V. Filippenko (1994). In *The Nature of Compact Objects in Active Galactic Nuclei*, ed. A. Robinson and R. J. Terlevich (Cambridge: Cambridge University Press), 427–435. “Unification of AGNs, and the Starburst Hypothesis.”
- \*130) M. W. Richmond, R. R. Treffers, A. V. Filippenko, Y. Paik, B. Leibundgut, E. Schulman, and C. V. Cox (1994). *Astron. Jour.*, **107**, 1022–1040. “*UBVRI* Photometry of SN 1993J in M81: The First 120 Days.”
- \*131) G. A. Reichert, *et al.* [64 authors] (1994). *Astrophys. Jour.*, **425**, 582–608. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. V. Variability of the Ultraviolet Continuum and Emission Lines of NGC 3783.”
- \*132) B. M. Peterson, *et al.* [43 authors] (1994). *Astrophys. Jour.*, **425**, 622–634. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. VII. Variability of the Optical Spectrum of NGC 5548 Over 4 Years.”
- \*133) B. P. Schmidt, R. P. Kirshner, R. G. Eastman, M. Hamuy, M. M. Phillips, N. B. Suntzeff, J. Maza, A. V. Filippenko, L. C. Ho, T. Matheson, R. Grashuis, R. Aviles, J. D. Kirkpatrick, P. Challis, K. Kuijken, D. Zucker, M. Bolte, and N. D. Tyson (1994). *Astron. Jour.*, **107**, 1444–1452. “The Expanding Photosphere Method Applied to SN 1992am at  $cz = 14600$  km/s.”
- 134) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1994). In *Multi-Wavelength Continuum Emission of AGN*, ed. T. J.-L. Courvoisier and A. Blecha (Dordrecht: Kluwer), 275–278. “The Palomar Observatory Dwarf Seyfert Survey.”
- 135) A. Blecha, *et al.* [19 authors] (1994). In *Multi-Wavelength Continuum Emission of AGN*, ed. T. J.-L. Courvoisier and A. Blecha (Dordrecht: Kluwer), 319. “Ground Based Observations of PKS 2155–304 in November 1991.”

- \*136) S. Veilleux, G. Cecil, J. Bland-Hawthorn, R. B. Tully, A. V. Filippenko, and W. L. W. Sargent (1994). *Astrophys. Jour.*, **433**, 48–64. “The Nuclear Superbubble of NGC 3079.”
- 137) G. A. Reichert, R. F. Mushotzky, and A. V. Filippenko (1994). In *The Soft X-Ray Cosmos* (Proceedings of AIP Conference 313), ed. E. M. Schlegel and R. Petre (New York: American Institute of Physics), 85–94. “*ROSAT* Observations of LINERs.”
- \*138) B. P. Schmidt, R. P. Kirshner, B. Leibundgut, L. Wells, A. Porter, P. Ruiz-Lapuente, P. Challis, and A. V. Filippenko (1994). *Astrophys. Jour. (Letters)*, **434**, L19–L23. “SN 1991T: Reflections of Past Glory.”
- 139) S. Veilleux, G. Cecil, R. B. Tully, J. Bland-Hawthorn, and A. V. Filippenko (1994). In *Mass-Transfer Induced Activity in Galaxies*, ed. I. Shlosman (Cambridge: Cambridge University Press), 213–217. “HIFI Results on the Superbubble of NGC 3079.”
- 140) G. A. Reichert, R. F. Mushotzky, and A. V. Filippenko (1994). In *Mass-Transfer Induced Activity in Galaxies*, ed. I. Shlosman (Cambridge: Cambridge University Press), 302–303. “*ROSAT* PSPC Observations of NGC 3079.”
- \*141) A. V. Filippenko, T. Matheson, and A. J. Barth (1994). *Astron. Jour.*, **108**, 2220–2225. “The Peculiar Type II Supernova 1993J in M81: Transition to the Nebular Phase.”
- \*142) L. A. Wells, *et al.* [43 authors] (1994). *Astron. Jour.*, **108**, 2233–2250. “The Type Ia Supernova 1989B in NGC 3627 (M66).”
- 143) A. V. Filippenko (1994). In *What Good Teachers Say about Teaching: Essays from Berkeley*, ed. S. K. Tollefson and B. G. Davis (Berkeley: University of California), contribution on pages 45–46.
- \*144) T. J.-L. Courvoisier, *et al.* [19 authors] (1995). *Astrophys. Jour.*, **438**, 108–119. “Multiwavelength Monitoring of the BL Lacertae Object PKS 2155–304. III. Ground-Based Observations in 1991 November.”
- \*145) R. Edelson, *et al.* [50 authors] (1995). *Astrophys. Jour.*, **438**, 120–134. “Multiwavelength Monitoring of the BL Lacertae Object PKS 2155–304. IV. Multiwavelength Analysis.”
- \*146) P. Ruiz-Lapuente, R. P. Kirshner, M. M. Phillips, P. M. Challis, B. P. Schmidt, A. V. Filippenko, and J. C. Wheeler (1995). *Astrophys. Jour.*, **439**, 60–73. “Late-Time Spectra and Type Ia Supernova Models: New Clues from the *Hubble Space Telescope*.”
- \*147) D. Maoz, A. V. Filippenko, L. C. Ho, H.-W. Rix, J. N. Bahcall, D. P. Schneider, and F. D. Macchetto (1995). *Astrophys. Jour.*, **440**, 91–99. “Detection of Compact Ultraviolet Nuclear Emission in LINER Galaxies.”
- \*148) A. Koratkar, S. E. Deustua, T. Heckman, A. V. Filippenko, L. C. Ho, and M. Rao (1995). *Astrophys. Jour.*, **440**, 132–140. “Low-Luminosity Active Galaxies: Are They Similar to Seyfert Galaxies?”
- \*149) E. Baron, P. H. Hauschildt, D. Branch, S. Austin, P. Garnavich, H. B. Ann, R. M. Wagner, A. V. Filippenko, T. Matheson, and J. Liebert (1995). *Astrophys. Jour.*, **441**, 170–181. “Non-LTE Spectral Analysis and Model Constraints on SN 1993J.”
- \*150) K. T. Korista, *et al.* [112 authors] (1995). *Astrophys. Jour. Suppl. Ser.*, **97**, 285–330. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. VIII. An Intensive *HST*, *IUE*, and Ground-Based Study of NGC 5548.”
- \*151) T. Storchi-Bergmann, M. Eracleous, M. Livio, A. S. Wilson, A. V. Filippenko, and J. P. Halpern (1995). *Astrophys. Jour.*, **443**, 617–624. “The Variability of the Double-Peaked Balmer Lines in the Active Nucleus of NGC 1097.”
- \*152) L. C. Ho and A. V. Filippenko (1995). *Astrophys. Jour.*, **444**, 165–174. “Probing the Interstellar Medium Along the Lines of Sight to Supernovae SN 1994D and SN 1994I.” [*Erratum*: **463**, 818 (1996).]
- \*153) M. W. Richmond, R. R. Treffers, A. V. Filippenko, S. D. Van Dyk, Y. Paik, L. A. Marschall, B. Laaksonen, B. MacIntosh, and I. S. McLean (1995). *Astron. Jour.*, **109**, 2121–2133. “*UBVRI* Photometry of the Type Ia SN 1994D in NGC 4526.”



- 154) R. R. Treffers, A. V. Filippenko, S. D. Van Dyk, Y. Paik, and M. W. Richmond (1995). In *Robotic Telescopes: Current Capabilities, Present Developments, and Future Prospects for Automatic Astronomy*, ed. G. W. Henry and J. A. Eaton (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 79), 86–92. “The Berkeley Automatic Imaging Telescope: An Update.”
- \*155) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1995). *Astrophys. Jour. Suppl. Ser.*, **98**, 477–593. “A Search for ‘Dwarf’ Seyfert Nuclei. II. An Optical Spectral Atlas of the Nuclei of Nearby Galaxies.”
- \*156) A. Clocchiatti, J. C. Wheeler, E. S. Barker, A. V. Filippenko, T. Matheson, and J. W. Liebert (1995). *Astrophys. Jour.*, **446**, 167–176. “Spectrophotometric Study of SN 1993J at First Maximum Light.”
- \*157) A. V. Filippenko, A. J. Barth, T. Matheson, L. Armus, M. Brown, B. R. Espey, X.-M. Fan, R. W. Goodrich, L. C. Ho, V. T. Junkkarinen, D. C. Koo, M. D. Lehnert, A. R. Martel, J. M. Mazzarella, J. S. Miller, G. H. Smith, D. Tytler, and G. D. Wirth (1995). *Astrophys. Jour. (Letters)*, **450**, L11–L15. “The Type Ic Supernova 1994I in M51: Detection of Helium and Spectral Evolution.”
- \*158) A. J. Barth, L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1995). *Astron. Jour.*, **110**, 1009–1018. “*Hubble Space Telescope* Observations of Circumnuclear Star-Forming Rings in NGC 1097 and NGC 6951.”
- \*159) A. V. Filippenko, A. J. Barth, G. C. Bower, L. C. Ho, G. S. Stringfellow, R. W. Goodrich, and A. C. Porter (1995). *Astron. Jour.*, **110**, 2261–2273. “Was Fritz Zwicky’s ‘Type V’ SN 1961V a Genuine Supernova?” [*Erratum*: **112**, 806 (1996).]
- \*160) A. V. Filippenko, T. Matheson, and L. C. Ho (1995). *Astrophys. Jour.*, **455**, 614–622. “The Mass of the Probable Black Hole in the X-Ray Nova GRO J0422+32.”
- \*161) A. V. Filippenko, T. Matheson, and A. J. Barth (1995). *Astrophys. Jour. (Letters)*, **455**, L139–L142. “A Black Hole in the X-Ray Nova GS 2000+25.”
- \*162) M. W. Richmond, S. D. Van Dyk, W. Ho, C. Peng, Y. Paik, R. R. Treffers, A. V. Filippenko, J. Bustamante-Donas, M. Moeller, C. Pawellek, H. Tartara, and M. Spence (1996). *Astron. Jour.*, **111**, 327–339. “*UBVRI* Photometry of the Type Ic SN 1994I in M51.”
- 163) P. Ruiz-Lapuente and A. V. Filippenko (1996). In *IAU Colloquium 145: Supernovae and Supernova Remnants*, ed. R. McCray and Z. Wang (Cambridge: Cambridge University Press), 33–40. “Towards the Cosmic Distance Scale Through Nebular SNe Ia.”
- 164) J. C. Wheeler and A. V. Filippenko (1996). In *IAU Colloquium 145: Supernovae and Supernova Remnants*, ed. R. McCray and Z. Wang (Cambridge: Cambridge University Press), 241–276. “Review of the Contributions to the Workshop on SN 1993J.”
- 165) S. D. Van Dyk, A. J. Barth, and A. V. Filippenko (1996). In *IAU Symposium 165: Compact Objects in Close Binaries*, ed. J. van Paradijs, E. P. J. van den Heuvel, and E. Kuulkers (Dordrecht: Kluwer), 135–140. “The Environments of Type Ib/Ic Supernovae.”
- \*166) S. D. Van Dyk, K. W. Weiler, R. A. Sramek, E. M. Schlegel, A. V. Filippenko, N. Panagia, and B. Leibundgut (1996). *Astron. Jour.*, **111**, 1271–1277. “Type ‘II<sub>n</sub>’ Supernovae: A Search for Radio Emission.”
- 167) A. V. Filippenko (1996). In *The Origin and Evolution of the Universe*, ed. B. Zuckerman and M. A. Malkan (Sudbury, MA: Jones & Bartlett Publishers, Inc.), 65–88. “Stellar Explosions, Neutron Stars, and Black Holes.”
- 168) A. J. Barth, L. C. Ho, A. V. Filippenko, V. Gorjian, M. A. Malkan, and W. L. W. Sargent (1996). In *IAU Colloquium 157: Barred Galaxies*, ed. R. Buta, D. A. Crocker, and B. G. Elmegreen (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 91), 94–96. “*Hubble Space Telescope* Images of Nuclear Rings in Barred Galaxies.”
- 169) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1996). In *IAU Colloquium 157: Barred Galaxies*, ed. R. Buta, D. A. Crocker, and B. G. Elmegreen (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 91), 188–196. “The Effect of Bars on the Fueling of Star Formation and Nonstellar Activity in Galaxy Nuclei.”

- \*170) D. Maoz, E. O. Ofek, A. Shemi, A. J. Barth, A. V. Filippenko, M. S. Brotherton, B. J. Wills, D. Wills, and F. J. Lockman (1996). *Astron. Astrophys.*, **308**, 511–513. “Optical Identification of Quasar 0917+7122 in the Direction of an Extreme-Ultraviolet Source.”
- \*171) E. Baron, P. H. Hauschildt, D. Branch, R. P. Kirshner, and A. V. Filippenko (1996). *Mon. Not. Royal Astron. Soc.*, **279**, 799–803. “Preliminary Spectral Analysis of SN 1994I.”
- \*172) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1996). *Astrophys. Jour.*, **462**, 183–202. “New Insights into the Physical Nature of LINERs from a Multiwavelength Analysis of the Nucleus of M81.”
- \*173) S. D. Van Dyk, M. Hamuy, and A. V. Filippenko (1996). *Astron. Jour.*, **111**, 2017–2027. “Supernovae and Massive Star Formation Regions.”
- \*174) A. J. Barth, S. D. Van Dyk, A. V. Filippenko, B. Leibundgut, and M. W. Richmond (1996). *Astron. Jour.*, **111**, 2047–2058. “The Environments of Supernovae in Archival *Hubble Space Telescope* Images.”
- \*175) D. Maoz, A. J. Barth, A. Sternberg, A. V. Filippenko, L. C. Ho, F. D. Macchetto, H.-W. Rix, and D. P. Schneider (1996). *Astron. Jour.*, **111**, 2248–2264. “*Hubble Space Telescope* Ultraviolet Images of Five Circumnuclear Star-Forming Rings.”
- \*176) S. Castro, R. M. Rich, A. McWilliam, L. C. Ho, H. Spinrad, A. V. Filippenko, and R. A. Bell (1996). *Astron. Jour.*, **111**, 2439–2452. “Echelle Spectroscopy of a Metal-Rich K Giant in Baade’s Window Using the Keck High-Resolution Spectrograph.”
- \*177) J. P. Halpern, M. Eracleous, A. V. Filippenko, and K. Chen (1996). *Astrophys. Jour.*, **464**, 704–714. “*Hubble Space Telescope* Ultraviolet Spectrum of Arp 102B, the Prototypical Double-Peaked Emission-Line AGN.”
- \*178) C. Leitherer, W. D. Vacca, P. S. Conti, A. V. Filippenko, C. Robert, and W. L. W. Sargent (1996). *Astrophys. Jour.*, **465**, 717–732. “*Hubble Space Telescope* Ultraviolet Imaging and Spectroscopy of the Bright Starburst in the Wolf-Rayet Galaxy NGC 4214.”
- \*179) J. C. Shields and A. V. Filippenko (1996). *Astron. Astrophys.*, **311**, 393–396. “On the Reality of Extended Seyfert 1 Emission in NGC 4388.”
- \*180) L. Wang, J. C. Wheeler, R. P. Kirshner, P. M. Challis, A. V. Filippenko, C. Fransson, N. Panagia, M. M. Phillips, and N. Suntzeff (1996). *Astrophys. Jour.*, **466**, 998–1010. “*Hubble Space Telescope* Spectroscopic Observations of the Ejecta of SN 1987A at 2000 Days.”
- \*181) M. W. Richmond, R. R. Treffers, A. V. Filippenko, and Y. Paik (1996). *Astron. Jour.*, **112**, 732–741. “*UBVRI* Photometry of SN 1993J in M81: Days 3 to 365.”
- \*182) L. C. Ho and A. V. Filippenko (1996). *Astrophys. Jour. (Letters)*, **466**, L83–L86. “Dynamical Evidence for a Massive, Young Globular Cluster in NGC 1569.”
- 183) A. V. Filippenko (1996). In *The Physics of LINERs in View of Recent Observations*, ed. M. Eracleous, A. Koratkar, C. Leitherer, and L. Ho (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 103), 17–43. “An Introduction to LINERs.”
- 184) A. J. Barth, L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1996). In *The Physics of LINERs in View of Recent Observations*, ed. M. Eracleous, A. Koratkar, C. Leitherer, and L. Ho (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 103), 153–158. “A WFPC2 Search for Ultraviolet Emission from LINERs.”
- \*185) E. T. Harlaftis, K. D. Horne, and A. V. Filippenko (1996). *Publ. Astron. Soc. Pacific*, **108**, 762–771. “The Mass Ratio and the Disk Image of the X-Ray Nova GS 2000+25.”
- \*186) D. M. Crenshaw, *et al.* [86 authors] (1996). *Astrophys. Jour.*, **470**, 322–335. “Multiwavelength Observations of Short-Timescale Variability in NGC 4151. I. Ultraviolet Observations.”
- \*187) S. Kaspi, *et al.* [22 authors] (1996). *Astrophys. Jour.*, **470**, 336–348. “Multiwavelength Observations of Short-Timescale Variability in NGC 4151. I. Optical Observations.”
- \*188) R. A. Edelson, *et al.* [104 authors] (1996). *Astrophys. Jour.*, **470**, 364–377. “Multiwavelength Observations of Short-Timescale Variability in NGC 4151. IV. Analysis of Multiwavelength Continuum Variability.”

- 189) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1996). In *The Interplay Between Massive Star Formation, the ISM and Galaxy Evolution*, ed. D. Kunth, *et al.* (Gif-sur-Yvette: Editions Frontières), 341–345. “Star Formation in the Nuclei of Spiral Galaxies.”
- \*190) P. J. Callanan, M. R. Garcia, A. V. Filippenko, I. McLean, and H. Teplitz (1996). *Astrophys. Jour. (Letters)*, **470**, L57–L60. “On the Mass of the Black Hole in GS 2000+25.”
- \*191) D. Maoz, A. V. Filippenko, L. C. Ho, F. D. Macchetto, H.-W. Rix, and D. P. Schneider (1996). *Astrophys. Jour. Suppl. Ser.*, **107**, 215–226. “An Atlas of *Hubble Space Telescope* Ultraviolet Images of Nearby Galaxies.”
- \*192) A. J. Barth, G. A. Reichert, A. V. Filippenko, L. C. Ho, J. C. Shields, R. F. Mushotzky, and E. M. Puchnarewicz (1996). *Astron. Jour.*, **112**, 1829–1838. “The Ultraviolet Spectrum of the LINER NGC 4579.”
- 193) S. Perlmutter, *et al.* [26 authors] (1996). *Nuclear Physics B*, **Supp51B**, 20–29. “High-Redshift Supernova Discoveries on Demand: First Results from a New Tool for Cosmological Bounds on  $q_0$ .”
- 194) G. Goldhaber, *et al.* [26 authors] (1996). *Nuclear Physics B*, **Supp51B**, 123–127. “Cosmological Time Dilation using Type Ia Supernovae as Clocks.”
- \*195) T. E. Carone, *et al.* [17 authors] (1996). *Astrophys. Jour.*, **471**, 737–747. “Optical Continuum and Emission-Line Variability of the Seyfert 1 Galaxy Markarian 509.”
- \*196) L. C. Ho and A. V. Filippenko (1996). *Astrophys. Jour.*, **472**, 600–610. “High-Dispersion Spectroscopy of a Luminous, Young Star Cluster in NGC 1705: Further Evidence for Present-Day Formation of Globular Clusters.”
- 197) S. Castro, R. M. Rich, A. McWilliam, L. C. Ho, H. Spinrad, A. V. Filippenko, and R. A. Bell (1996). In *Stellar Abundances*, ed. B. Barbuy, W. J. Maciel, and J. C. Gregório-Hetem (Sao Paulo: Instituto Astronomico e Geofisico da Universidade de Sao Paulo), 75–78. “Keck Spectrum of BW IV-167: The Most Metal-Rich Star in the Bulge?”
- 198) J. E. Pesce, *et al.* (1996). In *Blazar Continuum Variability*, ed. H. R. Miller, J. R. Webb, and J. C. Noble (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 110), 423–429. “Multiwavelength Observations of PKS 2155–304 in May 1994: The Ground-Based Campaign.”
- 199) A. V. Filippenko (1997). In *Thermonuclear Supernovae*, ed. P. Ruiz-Lapuente, R. Canal, and J. Isern (Dordrecht: Kluwer), 1–32. “Type Ia Supernovae: Observational Overview.”
- 200) S. Perlmutter, *et al.* [26 authors] (1997). In *Thermonuclear Supernovae*, ed. P. Ruiz-Lapuente, R. Canal, and J. Isern (Dordrecht: Kluwer), 749–763. “Scheduled Discoveries of 7+ Supernovae: First Cosmology Results and Bounds on  $q_0$ .”
- 201) G. Goldhaber, *et al.* [26 authors] (1997). In *Thermonuclear Supernovae*, ed. P. Ruiz-Lapuente, R. Canal, and J. Isern (Dordrecht: Kluwer), 777–784. “Observations of Cosmological Time Dilation Using Type Ia Supernovae as Clocks.”
- 202) A. V. Filippenko (1997). In *Thermonuclear Supernovae*, ed. P. Ruiz-Lapuente, R. Canal, and J. Isern (Dordrecht: Kluwer), 795–820. “Type I Supernova Subclasses.”
- \*203) A. G. Kim, *et al.* [24 authors] (1997). *Astrophys. Jour. (Letters)*, **476**, L63–L66. “Ratio of the Local to the Global Hubble Constants from Distant Type Ia Supernovae.”
- \*204) A. V. Filippenko, T. Matheson, D. C. Leonard, A. J. Barth, and S. D. Van Dyk (1997). *Publ. Astron. Soc. Pacific*, **109**, 461–467. “A Black Hole in the X-Ray Nova Ophiuchi 1977.”
- 205) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1997). In *IAU Colloquium 159, Emission Lines in Active Galaxies: New Methods and Techniques*, ed. B. M. Peterson, F.-Z. Cheng, and A. S. Wilson (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 113), 429–433. “Low-Luminosity Seyfert Nuclei.”
- 206) L. C. Ho and A. V. Filippenko (1997). In *Star Formation, Near and Far*, ed. S. S. Holt and L. G. Mundy (New York: American Institute of Physics), 403–405. “Observational Evidence for the Present-Day Formation of Globular Clusters.”

- \*207) H. D. Tran, A. V. Filippenko, G. D. Schmidt, K. S. Bjorkman, B. T. Jannuzi, and P. S. Smith (1997). *Publ. Astron. Soc. Pacific*, **109**, 489–503. “Probing the Geometry and Circumstellar Environment of SN 1993J in M81.”
- \*208) P. M. Rodríguez-Pascual, *et al.* [56 authors] (1997). *Astrophys. Jour. Suppl. Ser.*, **110**, 9–20. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. IX. Ultraviolet Observations of Fairall 9.”
- \*209) T. A. McGlynn, *et al.* [19 authors] (1997). *Astrophys. Jour.*, **481**, 625–632. “A Gamma-Ray Flare in NRAO 190.”
- \*210) S. Perlmutter, *et al.* [24 authors] (1997). *Astrophys. Jour.*, **483**, 565–581. “Measurements of the Cosmological Parameters  $\Omega$  and  $\Lambda$  from the First Seven Supernovae at  $z \geq 0.35$ .”
- \*211) A. Clocchiatti, J. C. Wheeler, M. M. Phillips, N. B. Suntzeff, S. Cristiani, A. Phillips, R. P. Harkness, M. A. Dopita, K. Beuermann, M. Rosa, P. Grosbol, P. O. Lindblad, and A. V. Filippenko (1997). *Astrophys. Jour.*, **483**, 675–697. “SN 1983V in NGC 1365 and the Nature of Stripped Envelope Core-Collapse Supernovae.”
- \*212) J. E. Pesce, *et al.* [34 authors] (1997). *Astrophys. Jour.*, **486**, 770–783. “Multiwavelength Observations of PKS 2155–304 in May 1994: The Ground-Based Campaign.”
- \*213) A. G. Riess, *et al.* [14 authors] (1997). *Astron. Jour.*, **114**, 722–729. “Time Dilation from Spectral Feature Age Measurements of Type Ia Supernovae.”
- \*214) J. A. Newman, M. Eracleous, A. V. Filippenko, and J. P. Halpern (1997). *Astrophys. Jour.*, **485**, 570–580. “Measurement of an Active Galactic Nucleus Central Mass on Centiparsec Scales: Results of Long-Term Optical Monitoring of Arp 102B.”
- \*215) E. T. Harlaftis, D. Steeghs, K. Horne, and A. V. Filippenko (1997). *Astron. Jour.*, **114**, 1170–1175. “A Doppler Map and Mass-Ratio Constraint for the Black-Hole X-Ray Nova Ophiuchi 1977.”
- 216) A. V. Filippenko (1997). *Annual Reviews of Astronomy and Astrophysics*, **35**, 309–355. “Optical Spectra of Supernovae.”
- \*217) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1997). *Astrophys. Jour. Suppl. Ser.*, **112**, 315–390. “A Search for ‘Dwarf’ Seyfert Nuclei. III. Spectroscopic Parameters and Properties of the Host Galaxies.”
- \*218) L. C. Ho, A. V. Filippenko, W. L. W. Sargent, and C. Y. Peng (1997). *Astrophys. Jour. Suppl. Ser.*, **112**, 391–414. “A Search for ‘Dwarf’ Seyfert Nuclei. IV. Nuclei with Broad H $\alpha$  Emission.”
- \*219) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1997). *Astrophys. Jour.*, **487**, 568–578. “A Search for ‘Dwarf’ Seyfert Nuclei. V. Demographics of Nuclear Activity in Nearby Galaxies.”
- \*220) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1997). *Astrophys. Jour.*, **487**, 579–590. “Properties of H II Regions in the Centers of Nearby Galaxies.”
- \*221) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1997). *Astrophys. Jour.*, **487**, 591–602. “The Influence of Bars on Nuclear Activity.”
- \*222) I. Wanders, *et al.* [57 authors] (1997). *Astrophys. Jour. Suppl. Ser.*, **113**, 69–88. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XI. Intensive Monitoring of the Ultraviolet Spectrum of NGC 7469.”
- \*223) T. Storchi-Bergmann, M. Eracleous, M. T. Ruiz, M. Livio, A. S. Wilson, and A. V. Filippenko (1997). *Astrophys. Jour.*, **489**, 87–93. “Evidence for a Precessing Accretion Disk in the Nucleus of NGC 1097.”
- \*224) M. Eracleous, J. P. Halpern, A. M. Gilbert, J. A. Newman, and A. V. Filippenko (1997). *Astrophys. Jour.*, **490**, 216–226. “Rejection of the Binary Broad-Line Region Interpretation of Double-Peaked Emission Lines in Three Active Galactic Nuclei.”
- \*225) A. J. Barth, G. A. Reichert, L. C. Ho, J. C. Shields, A. V. Filippenko, and E. M. Puchnarewicz (1997). *Astron. Jour.*, **114**, 2313–2322. “Ultraviolet Emission from the LINER Nucleus of NGC 6500.”

- 226) S. Strom, S. Edwards, A. V. Filippenko, A. Fraknoi, C. Garmany, E. Levy, L. Rudnick, M. Simon, F. Bash, B. Burke, D. Schramm, and J. Pipher (1997). *Bull. Amer. Astron. Soc.*, **29**, 1426–1465. “The American Astronomical Society’s Examination of Graduate Education in Astronomy.”
- 227) I. A. Smith, E. P. Liang, M. Moss, J. Dobrinskaya, R. P. Fender, Ph. Durouchoux, S. Corbel, R. Sood, A. V. Filippenko, and D. C. Leonard (1997). In *Proceedings of the Fourth Compton Symposium*, ed. C. D. Dermer, M. S. Strickman, and J. D. Kurfess (New York: American Institute of Physics), 932–936. “Multiwavelength Observations of GX 339–4.”
- \*228) P. M. Garnavich, *et al.* [21 authors] (1998). *Astrophys. Jour. (Letters)*, **493**, L53–L57. “Constraints on Cosmological Models from *Hubble Space Telescope* Observations of High-Z Supernovae.”
- \*229) A. J. Barth, L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1998). *Astrophys. Jour.*, **496**, 133–146. “A Search for Ultraviolet Emission from LINERs.”
- \*230) M. Dietrich, *et al.* [58 authors] (1998). *Astrophys. Jour. Suppl. Ser.*, **115**, 185–202. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XII. Ground-Based Monitoring of 3C 390.3.”
- \*231) S. R. Kulkarni, S. G. Djorgovski, A. N. Ramaprakash, R. Goodrich, J. S. Bloom, K. L. Adelberger, T. Kundic, L. Lubin, D. A. Frail, F. Frontera, M. Feroci, L. Nicastro, A. J. Barth, M. Davis, A. V. Filippenko, and J. Newman (1998). *Nature*, **393**, 35–39. “Identification of a Host Galaxy at Redshift  $z = 3.42$  for the Gamma-Ray Burst of 14 December 1997.”
- \*232) M. W. Richmond, A. V. Filippenko, and J. Galisky (1998). *Publ. Astron. Soc. Pacific*, **110**, 553–571. “The Supernova Rate in Starburst Galaxies.”
- \*233) S. B. Kraemer, D. M. Crenshaw, A. V. Filippenko, and B. M. Peterson (1998). *Astrophys. Jour.*, **499**, 719–727. “Evidence for a Physically Compact Narrow-Line Region in the Seyfert 1 Galaxy NGC 5548.”
- 234) A. V. Filippenko (1998). In *18th Texas Symposium on Relativistic Astrophysics and Cosmology*, ed. A. V. Olinto, J. A. Frieman, and D. N. Schramm (Singapore: World Scientific), 176–187. “Supernovae and Cosmology: Low Redshifts.”
- 235) E. Harlaftis and A. V. Filippenko (1998). In *18th Texas Symposium on Relativistic Astrophysics and Cosmology*, ed. A. V. Olinto, J. A. Frieman, and D. N. Schramm (Singapore: World Scientific), 738–740. “Keck-I Observations of Galactic Black Holes.”
- \*236) D. Maoz, A. Koratkar, J. C. Shields, L. C. Ho, A. V. Filippenko, and A. Sternberg (1998). *Astron. Jour.*, **116**, 55–67. “The Ultraviolet Spectra of LINERs: A Comparative Study.”
- \*237) A. G. Riess, *et al.* [20 authors] (1998). *Astron. Jour.*, **116**, 1009–1038. “Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant.”
- \*238) A. G. Riess, P. Nugent, A. V. Filippenko, R. P. Kirshner, and S. Perlmutter (1998). *Astrophys. Jour.*, **504**, 935–944. “Snapshot Distances to Type Ia Supernovae — All in ‘One’ Night’s Work.”
- 239) K. L. Nicholson, G. A. Reichert, K. O. Mason, E. M. Puchnarewicz, A. V. Filippenko, L. C. Ho, and J. C. Shields (1998). In *Accretion Processes in Astrophysical Systems: Some Like it Hot!*, ed. S. S. Holt and T. R. Kallman (New York: American Institute of Physics), 203–206. “Evidence of Low-Level AGN Activity in the Nucleus of the LINER Galaxy NGC 4594.”
- \*240) D. Richstone, E. A. Ajhar, R. Bender, G. Bower, A. Dressler, S. M. Faber, A. V. Filippenko, K. Gebhardt, R. Green, L. C. Ho, J. Kormendy, T. R. Lauer, J. Magorrian, and S. Tremaine (1998). *Nature*, **395** Suppl., A14–A19. “Supermassive Black Holes and the Evolution of Galaxies.”
- \*241) B. P. Schmidt, *et al.* [24 authors] (1998). *Astrophys. Jour.*, **507**, 46–63. “The High-Z Supernova Search: Measuring Cosmic Deceleration and Global Curvature of the Universe Using Type Ia Supernovae.”
- \*242) K. L. Nicholson, G. A. Reichert, K. O. Mason, E. M. Puchnarewicz, L. C. Ho, J. C. Shields, and A. V. Filippenko (1998). *Mon. Not. Royal Astron. Soc.*, **300**, 893–906. “Evidence for Low-Level AGN Activity in the Nucleus of the LINER Galaxy NGC 4594.”

- 243) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (1998). In *IAU Symp. 184, The Central Regions of the Galaxy and Galaxies*, ed. Y. Sofue, *et al.* (Dordrecht: Kluwer), 463–464. “Demographics of Nuclear Activity in Nearby Galaxies.”
- \*244) P. M. Garnavich, *et al.* [21 authors] (1998). *Astrophys. Jour.*, **509**, 74–79. “Supernova Limits on the Cosmic Equation of State.”
- \*245) P. T. O’Brien, *et al.* [47 authors] (1998). *Astrophys. Jour.*, **509**, 163–176. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XIII. Ultraviolet Observations of the Broad-Line Radio Galaxy 3C 390.3.”
- \*246) E. Michael, R. McCray, C. S. J. Pun, K. Borkowski, P. Garnavich, P. Challis, R. P. Kirshner, R. Chevalier, A. V. Filippenko, C. Fransson, N. Panagia, M. Phillips, B. Schmidt, N. Suntzeff, and J. C. Wheeler (1998). *Astrophys. Jour. (Letters)*, **509**, L117–L120. “New *Hubble Space Telescope* Observations of High-Velocity Ly $\alpha$  and H $\alpha$  in SNR 1987A.”
- 247) A. V. Filippenko and A. G. Riess (1998). *Physics Reports*, **307**, 31–44. “Results from the High-Z Supernova Search Team.” [Also published in *Sources and Detection of Dark Matter in the Universe* (1998), ed. D. B. Cline (North Holland: Elsevier), 31–44.]
- \*248) B. M. Peterson, *et al.* [37 authors] (1999). *Astrophys. Jour.*, **510**, 659–668. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XV. Long-Term Optical Monitoring of NGC 5548.”
- \*249) E. Harlaftis, S. Collier, K. Horne, and A. V. Filippenko (1999). *Astron. Astrophys.*, **341**, 491–498. “Keck Observations of the Black-Hole Candidate GRO J0422+32.”
- \*250) A. G. Riess, *et al.* [41 authors] (1999). *Astron. Jour.*, **117**, 707–724. “*BVRI* Light Curves for 22 Type Ia Supernovae.”
- \*251) R. A. Fesen, C. L. Gerardy, A. V. Filippenko, T. Matheson, R. A. Chevalier, R. P. Kirshner, B. P. Schmidt, P. Challis, C. Fransson, B. Leibundgut, and S. D. Van Dyk (1999). *Astron. Jour.*, **117**, 725–735. “Late-Time Optical and Ultraviolet Spectra of SN 1979C and SN 1980K.”
- \*252) S. D. Van Dyk, C. Y. Peng, A. J. Barth, A. V. Filippenko, R. A. Chevalier, R. A. Fesen, C. Fransson, R. P. Kirshner, and B. Leibundgut (1999). *Publ. Astron. Soc. Pac.*, **111**, 313–320. “*Hubble Space Telescope* WFPC2 Imaging of SN 1979C and Its Environment.”
- \*253) A. J. Barth, A. V. Filippenko, and E. C. Moran (1999). *Astrophys. Jour. (Letters)*, **515**, L61–L64. “Polarized Broad H $\alpha$  Emission from the LINER Nucleus of NGC 1052.”
- \*254) S. Perlmutter, *et al.* [32 authors] (1999). *Astrophys. Jour.*, **517**, 565–586. “Measurements of  $\Omega$  and  $\Lambda$  from 42 High-Redshift Supernovae.” [See also S. Perlmutter, *et al.* (2000). In *19th Texas Symposium on Relativistic Astrophysics and Cosmology*, ed. E. Aubourg (Amsterdam: North Holland), p. 146.]
- 255) A. M. Gilbert, M. Eracleous, A. V. Filippenko, and J. P. Halpern (1999). In *Structure and Kinematics of Quasar Broad-Line Regions*, ed. C. M. Gaskell, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 175), 189–196. “Accretion Disk Models and Long-Term Variability of Double-Peaked Balmer Line Profiles in AGNs.”
- \*256) W. D. Li, Y. L. Qiu, Q. Y. Qiao, X. H. Zhu, J. Y. Hu, M. W. Richmond, A. V. Filippenko, R. R. Treffers, C. Y. Peng, and D. C. Leonard (1999). *Astron. Jour.*, **117**, 2709–2724. “The Type Ia Supernova 1997br in ESO 576-G40.”
- \*257) E. C. Moran, A. V. Filippenko, L. C. Ho, J. C. Shields, T. Belloni, A. Comastri, S. L. Snowden, and R. A. Sramek (1999). *Publ. Astron. Soc. Pacific*, **111**, 801–808. “The Nuclear Spectral Energy Distribution of NGC 4395, the Least Luminous Type 1 Seyfert Galaxy.”
- \*258) I. A. Smith, A. V. Filippenko, and D. C. Leonard (1999). *Astrophys. Jour.*, **519**, 779–782. “Multiwavelength Observations of GX 339–4 in 1996. III. Keck Spectroscopy.”
- \*259) S. B. Kraemer, L. C. Ho, D. M. Crenshaw, J. C. Shields, and A. V. Filippenko (1999). *Astrophys. Jour.*, **520**, 564–573. “Physical Conditions in the Emission-Line Gas in the Extremely Low-Luminosity Seyfert Nucleus of NGC 4395.”

- \*260) M. S. Brotherton, W. van Breugel, S. A. Stanford, R. J. Smith, B. J. Boyle, L. Miller, T. Shanks, S. M. Croom, and A. V. Filippenko (1999). *Astrophys. Jour. (Letters)*, **520**, L87–L90. “A Spectacular Post-Starburst Quasar.”
- \*261) A. V. Filippenko, D. C. Leonard, T. Matheson, W. Li, E. C. Moran, and A. G. Riess (1999). *Publ. Astron. Soc. Pacific*, **111** 969–979. “A Black Hole in the X-Ray Nova Velorum 1993.”
- 262) A. V. Filippenko (1999). *Proc. Nat. Academy Sciences*, **96**, 9993–9994. “Black Holes in the Milky Way Galaxy.”
- \*263) J. S. Bloom, *et al.* [22 authors] (1999). *Nature*, **401**, 453–456. “The Unusual Afterglow of the Gamma-Ray Burst of 26 March 1998 as Evidence for a Supernova Connection.”
- \*264) A. J. Barth, H. D. Tran, M. S. Brotherton, A. V. Filippenko, L. C. Ho, W. van Breugel, R. Antonucci, and R. W. Goodrich (1999). *Astron. Jour.*, **118**, 1609–1617. “Polarized Narrow-Line Emission from the Nucleus of NGC 4258.”
- 265) A. V. Filippenko (1999). *McGraw-Hill Yearbook of Science & Technology, 2000*, 102–106. “Cosmological Constant.”
- 266) I. A. Smith, E. P. Liang, D. Lin, M. Böttcher, M. Moss, A. Crider, A. V. Filippenko, D. C. Leonard, R. P. Fender, Ph. Durouchoux, S. Corbel, and R. Sood (1999). *Astrophys. Letters and Communications*, **38**, 265–268. “Observations of GX 339–4 in 1996.”
- \*267) A. J. Barth, A. V. Filippenko, and E. C. Moran (1999). *Astrophys. Jour.*, **525**, 673–684. “Polarized Broad-Line Emission in Low-Luminosity Active Galactic Nuclei.”
- \*268) K. Hatano, D. Branch, A. Fisher, E. Baron, and A. V. Filippenko (1999). *Astrophys. Jour.*, **525**, 881–885. “On the High-Velocity Ejecta of the Type Ia Supernova SN 1994D.”
- \*269) S. Jha, *et al.* [42 authors] (1999). *Astrophys. Jour. Suppl. Ser.*, **125**, 73–97. “The Type Ia Supernova 1998bu in M96 and the Hubble Constant.”
- \*270) S. D. Van Dyk, C. Y. Peng, A. J. Barth, and A. V. Filippenko (1999). *Astron. Jour.*, **118**, 2331–2349. “The Environments of Supernovae in Post-Refurbishment *Hubble Space Telescope* Images.”
- \*271) E. Baron, D. Branch, P. H. Hauschildt, A. V. Filippenko, and R. P. Kirshner (1999). *Astrophys. Jour.*, **527**, 739–745. “Spectral Models of the Type Ic Supernova 1994I in M51.”
- \*272) J. Millard, D. Branch, E. Baron, K. Hatano, A. Fisher, A. V. Filippenko, R. P. Kirshner, P. M. Challis, C. Fransson, N. Panagia, M. M. Phillips, G. Sonneborn, N. B. Suntzeff, R. V. Wagoner, and J. C. Wheeler (1999). *Astrophys. Jour.*, **527**, 746–756. “Direct Analysis of Spectra of the Type Ic Supernova 1994I.”
- \*273) A. G. Riess, A. V. Filippenko, W. Li, and B. P. Schmidt (1999). *Astron. Jour.*, **118**, 2668–2674. “Is There an Indication of Evolution of Type Ia Supernovae from their Risetimes?”
- \*274) A. G. Riess, A. V. Filippenko, W. Li, R. R. Treffers, B. P. Schmidt, Y. Qiu, J. Hu, M. Armstrong, C. Faranda, and E. Thouvenot (1999). *Astron. Jour.*, **118**, 2675–2688. “The Risetime of Nearby Type Ia Supernovae.”
- \*275) J. C. Shields, H.-W. Rix, D. H. McIntosh, L. C. Ho, G. Rudnick, A. V. Filippenko, W. L. W. Sargent, and M. Sarzi (2000). *Astrophys. Jour. (Letters)*, **534**, L27–L30. “Evidence for a Black Hole and Accretion Disk in the LINER NGC 4203.”
- \*276) T. Matheson, A. V. Filippenko, R. Chornock, D. C. Leonard, and W. Li (2000). *Astron. Jour.*, **119**, 2303–2310. “Helium Emission Lines in the Type Ic Supernova 1999cq.”
- 277) A. Goobar, *et al.* (2000). *Physica Scripta*, **T85**, 47–58. “The Acceleration of the Universe: Measurements of Cosmological Parameters from Type Ia Supernovae.”
- \*278) A. G. Riess, *et al.* [28 authors] (2000). *Astrophys. Jour.*, **536**, 62–67. “Tests of the Accelerating Universe with Near-Infrared Observations of a High-Redshift Type Ia Supernova.”
- \*279) D. C. Leonard, A. V. Filippenko, A. J. Barth, and T. Matheson (2000). *Astrophys. Jour.*, **536**, 239–254. “Evidence for Asphericity in the Type II<sub>n</sub> Supernova 1998S.”

- 280) A. V. Filippenko and A. G. Riess (2000). In *Type Ia Supernovae: Observations and Theory*, ed. J. C. Niemeyer and J. W. Truran (Cambridge: Cambridge Univ. Press), 1–16. “Type Ia Supernovae and Their Cosmological Implications.”
- 281) W. D. Li, A. V. Filippenko, A. G. Riess, R. R. Treffers, J. Y. Hu, and Y. L. Qiu (2000). In *Cosmic Explosions*, ed. S. S. Holt and W. W. Zhang (New York: American Institute of Physics), 91–94. “A High Peculiarity Rate for Type Ia SNe.”
- 282) W. D. Li, A. V. Filippenko, R. R. Treffers, A. Friedman, E. Halderson, R. A. Johnson, J. Y. King, M. Modjaz, M. Papenkova, Y. Sato, and T. Shefler (2000). In *Cosmic Explosions*, ed. S. S. Holt and W. W. Zhang (New York: American Institute of Physics), 103–106. “The Lick Observatory Supernova Search.”
- 283) A. V. Filippenko (2000). In *Cosmic Explosions*, ed. S. S. Holt and W. W. Zhang (New York: American Institute of Physics), 123–140. “Optical Observations of Type II Supernovae.”
- 284) S. D. Van Dyk, C. Y. Peng, A. J. Barth, and A. V. Filippenko (2000). In *Cosmic Explosions*, ed. S. S. Holt and W. W. Zhang (New York: American Institute of Physics), 151–154. “Supernova Environments in *Hubble Space Telescope* Images.”
- 285) D. C. Leonard, A. V. Filippenko, and T. Matheson (2000). In *Cosmic Explosions*, ed. S. S. Holt and W. W. Zhang (New York: American Institute of Physics), 165–168. “Probing the Geometry of Supernovae with Spectropolarimetry.”
- \*286) K. Gebhardt, R. Bender, G. Bower, A. Dressler, S. M. Faber, A. V. Filippenko, R. Green, C. Grillmair, L. C. Ho, J. Kormendy, T. R. Lauer, J. Magorrian, J. Pinkney, D. Richstone, and S. Tremaine (2000). *Astrophys. Jour. (Letters)*, **539**, L13–L16. “A Relationship Between Nuclear Black Hole Mass and Galaxy Velocity Dispersion.” [*Erratum*: **555**, L75 (2001).]
- \*287) E. C. Moran, A. J. Barth, L. E. Kay, and A. V. Filippenko (2000). *Astrophys. Jour. (Letters)*, **540**, L73–L77. “The Frequency of Polarized Broad Emission Lines in Type 2 Seyfert Galaxies.”
- \*288) L. C. Ho, G. Rudnick, H.-W. Rix, J. C. Shields, D. H. McIntosh, A. V. Filippenko, and W. L. W. Sargent (2000). *Astrophys. Jour.*, **541**, 120–125. “Double-Peaked Broad Emission Lines in NGC 4450 and Other LINERs.”
- \*289) T. Matheson, *et al.* [18 authors] (2000). *Astron. Jour.*, **120**, 1487–1498. “Optical Spectroscopy of Supernova 1993J During Its First 2500 Days.”
- \*290) T. Matheson, A. V. Filippenko, L. C. Ho, A. J. Barth, and D. C. Leonard (2000). *Astron. Jour.*, **120**, 1499–1515. “Detailed Analysis of Early to Late-Time Spectra of Supernova 1993J.”
- \*291) E. Michael, R. McCray, C. S. J. Pun, K. Borkowski, P. Garnavich, P. Challis, R. P. Kirshner, J. Raymond, R. Chevalier, A. V. Filippenko, C. Fransson, B. Leibundgut, N. Panagia, M. Phillips, B. Schmidt, N. Suntzeff, and J. C. Wheeler (2000). *Astrophys. Jour. (Letters)*, **542**, L53–L56. “*Hubble Space Telescope* Spectroscopy of Spot 1 on the Circumstellar Ring of SN 1987A.”
- 292) A. V. Filippenko and A. G. Riess (2000). In *Particle Physics and Cosmology: Second Tropical Workshop*, ed. J. F. Nieves (New York: American Institute of Physics), **540**, 227–246. “Evidence from Type Ia Supernovae for an Accelerating Universe.”
- \*293) K. Gebhardt, J. Kormendy, L. C. Ho, R. Bender, G. Bower, A. Dressler, S. M. Faber, A. V. Filippenko, R. Green, C. Grillmair, T. R. Lauer, J. Magorrian, J. Pinkney, D. Richstone, and S. Tremaine (2000). *Astrophys. Jour. (Letters)*, **543**, L5–L8. “Black Hole Mass Estimates from Reverberation Mapping and from Spatially Resolved Kinematics.”
- \*294) K. Hatano, D. Branch, P. Garnavich, A. V. Filippenko, E. Baron, and E. J. Lentz (2000). *Astrophys. Jour. (Letters)*, **543**, L49–L52. “On the Spectroscopic Diversity of Type Ia Supernovae.”
- \*295) J. E. Larkin, T. M. Glassman, P. Wizinowich, D. S. Acton, O. Lai, A. V. Filippenko, A. L. Coil, and T. Matheson (2000). *Publ. Astron. Soc. Pacific*, **112**, 1526–1531. “Exploring the Structure of Distant Galaxies with Adaptive Optics on the Keck-II Telescope.”
- \*296) S. D. Van Dyk, C. Y. Peng, J. Y. King, A. V. Filippenko, R. R. Treffers, W. Li, and M. W. Richmond (2000). *Publ. Astron. Soc. Pacific*, **112**, 1532–1541. “SN 1997bs in M66: Another Extragalactic Eta Carinae Analog?”



- 297) E. Harlaftis and A. V. Filippenko (2000). In *Proc. SPIE, Discoveries and Research Prospects from 8–10-Meter-Class Telescopes*, ed. J. Bergeron, **4005**, 232–238. “Probing Black Hole X-Ray Binaries with the Keck Telescopes.”
- 298) A. V. Filippenko (2000). In *Amateur-Professional Partnerships in Astronomy*, ed. J. R. Percy and J. B. Wilson (San Francisco: Astron. Soc. Pacific, Conf. Ser., Volume 220), 185–187. “Discovery and Optical Monitoring of Nearby Supernovae.”
- \*299) A. L. Coil, T. Matheson, A. V. Filippenko, D. C. Leonard, J. Tonry, A. G. Riess, P. Challis, A. Clocchiatti, P. M. Garnavich, C. J. Hogan, S. Jha, R. P. Kirshner, B. Leibundgut, M. M. Phillips, B. P. Schmidt, R. A. Schommer, R. C. Smith, A. M. Soderberg, J. Spyromilio, C. Stubbs, N. B. Suntzeff, and P. Woudt (2000). *Astrophys. Jour. (Letters)*, **544**, L111–L114. “Optical Spectra of Type Ia Supernovae at  $z = 0.46$  and  $z = 1.2$ .”
- \*300) B. M. Sabra, J. C. Shields, and A. V. Filippenko (2000). *Astrophys. Jour.*, **545**, 157–170. “Emission-Line Properties of the Optical Filaments of NGC 1275.”
- \*301) E. Baron, *et al.* (2000). *Astrophys. Jour.*, **545**, 444–448. “Preliminary Spectral Analysis of the Type II Supernova 1999em.”
- \*302) A. J. Barth, L. C. Ho, A. V. Filippenko, H.-W. Rix, and W. L. W. Sargent (2001). *Astrophys. Jour.*, **546**, 205–209. “The Broad-Line and Narrow-Line Regions of the LINER NGC 4579.”
- \*303) W. Li, A. V. Filippenko, and A. G. Riess (2001). *Astrophys. Jour.*, **546**, 719–733. “Monte Carlo Simulations of Type Ia Supernova Observations in Supernova Surveys.”
- \*304) W. Li, A. V. Filippenko, R. R. Treffers, A. G. Riess, J. Hu, and Y. Qiu (2001). *Astrophys. Jour.*, **546**, 734–743. “A High Intrinsic Peculiarity Rate Among Type Ia Supernovae.”
- \*305) E. J. Lentz, *et al.* [23 authors] (2001). *Astrophys. Jour.*, **547**, 406–411. “Analysis of the Type II In Supernova 1998S: Effects of Circumstellar Interaction on Observed Spectra.”
- \*306) L. C. Ho, E. D. Feigelson, L. K. Townsley, R. M. Sambruna, G. P. Garmire, W. N. Brandt, A. V. Filippenko, R. E. Griffiths, A. F. Ptak, and W. L. W. Sargent (2001). *Astrophys. Jour.*, **549**, L51–L54. “Detection of Nuclear X-ray Sources in Nearby Galaxies with Chandra.”
- \*307) T. Matheson, A. V. Filippenko, W. Li, D. C. Leonard, and J. C. Shields (2001). *Astron. Jour.*, **121**, 1648–1675. “Optical Spectroscopy of Type Ib/Ic Supernovae.”
- \*308) M. Modjaz, W. Li, A. V. Filippenko, J. Y. King, D. C. Leonard, T. Matheson, R. R. Treffers, and A. G. Riess (2001). *Publ. Astron. Soc. Pacific*, **113**, 308–325. “The Subluminous Type Ia Supernova 1998de in NGC 252.”
- 309) E. Harlaftis and A. V. Filippenko (2001). In *Black Holes in Binaries and Galactic Nuclei: Diagnostics, Demography, and Formation*, eds. L. Kaper, E. P. J. van den Heuvel, and P. A. Woudt (Berlin: Springer-Verlag), 53–56. “Keck Observations of Black Hole X-ray Transients.”
- \*310) M. Sarzi, H.-W. Rix, J. C. Shields, G. Rudnick, L. C. Ho, D. H. McIntosh, A. V. Filippenko, and W. L. W. Sargent (2001). *Astrophys. Jour.*, **550**, 65–74. “Supermassive Black Holes in Bulges.”
- \*311) B. R. Oppenheimer, D. Saumon, S. T. Hodgkin, R. F. Jameson, N. C. Hambly, G. Chabrier, A. V. Filippenko, A. L. Coil, and M. E. Brown (2001). *Astrophys. Jour.*, **550**, 448–456. “Observations of Ultracool White Dwarfs.”
- 312) S. Ravindranath, L. C. Ho, C. Y. Peng, A. V. Filippenko, and W. L. W. Sargent (2001). In *The Starburst-AGN Connection*, ed. R. Mújica, I. Aretxaga, and D. Kunth (INAOE Electronic Edition; <http://www.inaoep.mx/~agn00/posters.html>), 73–76. “The Central Regions of Early-Type Galaxies Hosting Active Galactic Nuclei as Viewed with HST/NICMOS.”
- 313) A. V. Filippenko (2001). In *Young Supernova Remnants*, ed. S. S. Holt and U. Hwang (New York: American Institute of Physics), 40–58. “Optical Observations of Core-Collapse Supernovae.”
- 314) J. C. Shields, H.-W. Rix, D. H. McIntosh, L. C. Ho, G. Rudnick, A. V. Filippenko, W. L. W. Sargent, M. Sarzi, and M. Eracleous (2001). In *Probing the Physics of Active Galactic Nuclei by Multiwavelength Monitoring*, ed. B. M. Peterson, R. S. Polidan, and R. W. Pogge (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 224), 327–333. “Variability in LINERs.”

- \*315) D. C. Leonard, A. V. Filippenko, D. A. Ardila, and M. S. Brotherton (2001). *Astrophys. Jour.*, **553**, 861–885. “Is it Round? Spectropolarimetry of the Type II-P Supernova 1999em.”
- \*316) A. Clocchiatti, *et al.* [28 authors] (2001). *Astrophys. Jour.*, **553**, 886–896. “The Type Ic Supernova 1990B in NGC 4568.”
- \*317) D. Maoz, A. J. Barth, L. C. Ho, A. Sternberg, and A. V. Filippenko (2001). *Astron. Jour.*, **121**, 3048–3074. “An Ultraviolet through Infrared Look at Star Formation and Super Star Clusters in Two Circumnuclear Starburst Rings.”
- \*318) G. Cecil, J. Bland-Hawthorn, S. Veilleux, and A. V. Filippenko (2001). *Astrophys. Jour.*, **555**, 338–355. “Jet- and Wind-Driven Ionized Outflows in the Superbubble and Star-Forming Disk of NGC 3079.”
- \*319) A. J. Barth, M. Sarzi, H.-W. Rix, L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (2001). *Astrophys. Jour.*, **555**, 685–708. “Evidence for a Supermassive Black Hole in the S0 Galaxy NGC 3245.”
- \*320) E. L. Halderson, E. C. Moran, A. V. Filippenko, and L. C. Ho (2001). *Astron. Jour.*, **122**, 637–652. “The Soft X-ray Properties of Nearby Low-Luminosity Active Galactic Nuclei and their Contribution to the Cosmic X-ray Background.”
- \*321) S. Ravindranath, L. C. Ho, C. Y. Peng, A. V. Filippenko, and W. L. W. Sargent (2001). *Astron. Jour.*, **122**, 653–678. “Central Structural Parameters of Early-Type Galaxies as Viewed with NICMOS on the *Hubble Space Telescope*.”
- \*322) D. C. Leonard and A. V. Filippenko (2001). *Publ. Astron. Soc. Pacific*, **113**, 920–936. “Spectropolarimetry of the Type II Supernovae 1997ds, 1998A, and 1999gi.”
- \*323) E. C. Moran, L. E. Kay, M. Davis, A. V. Filippenko, and A. J. Barth (2001). *Astrophys. Jour. (Letters)*, **556**, L75–L78. “A Composite Seyfert 2 X-ray Spectrum: Implications for the Origin of the Cosmic X-ray Background.”
- 324) M. Sarzi, H.-W. Rix, J. C. Shields, G. Rudnick, D. H. McIntosh, L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (2001). In *Galaxy Disks and Disk Galaxies*, ed. J. G. Funes, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 230), 261–262. “Supermassive Black Holes from the Survey of Nearby Nuclei with STIS.”
- 325) A. V. Filippenko, W. D. Li, R. R. Treffers, and M. Modjaz (2001). In *Small-Telescope Astronomy on Global Scales*, ed. W. P. Chen, C. Lemme, and B. Paczyński (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 246), 121–130. “The Lick Observatory Supernova Search with the Katzman Automatic Imaging Telescope.”
- \*326) A. G. Riess, *et al.* [19 authors] (2001). *Astrophys. Jour.*, **560**, 49–71. “The Farthest Known Supernova: Support for an Accelerating Universe and a Glimpse of the Epoch of Deceleration.”
- \*327) W. Li, A. V. Filippenko, E. Gates, R. Chornock, A. Gal-Yam, E. O. Ofek, D. C. Leonard, M. Modjaz, R. M. Rich, A. G. Riess, and R. R. Treffers (2001). *Publ. Astron. Soc. Pacific*, **113**, 1178–1204. “The Unique Type Ia Supernova 2000cx in NGC 524.”
- \*328) W. C. G. Ho, S. D. Van Dyk, C. Y. Peng, A. V. Filippenko, D. C. Leonard, T. Matheson, R. R. Treffers, and M. W. Richmond (2001). *Publ. Astron. Soc. Pacific*, **113**, 1349–1364. “*BVRI* Photometry of Supernovae.”
- \*329) O. Shemmer, *et al.* [39 authors] (2001). *Astrophys. Jour.*, **561**, 162–170. “Multiwavelength Monitoring of the Narrow-Line Seyfert 1 Galaxy Akn 564. III. Optical Observations and the Optical–UV–X-ray Connection.”
- 330) A. G. Riess and A. V. Filippenko (2001). In *The Identification of Dark Matter*, ed. N. J. C. Spooner and V. Kudryavtsev (Singapore: World Scientific), 30–50. “Evidence from Type Ia Supernovae for an Accelerating Universe.”
- 331) S. D. Van Dyk, K. W. Weiler, R. A. Sramek, N. Panagia, C. K. Lacey, M. J. Montes, J. M. Marcaide, W. H. G. Lewin, D. W. Fox, D. Pooley, A. V. Filippenko, and C. Y. Peng (2001). In *Galaxies and Their Constituents at the Highest Angular Resolution* (Proc. IAU Symposium 205), ed. R. T. Schilizzi, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser.), 146–147. “Supernovae at the Highest Angular Resolution.”

- \*332) R. Kurtev, L. Georgiev, J. Borissova, W. D. Li, A. V. Filippenko, and R. R. Treffers (2001). *Astron. Astrophys.*, **378**, 449–454. “The First Known Mira-type Variable Star in IC 1613.”
- \*333) A. V. Filippenko (2001). *Publ. Astron. Soc. Pacific*, **113**, 1441–1448. “Einstein’s Biggest Blunder? High-Redshift Supernovae and the Accelerating Universe.”
- 334) E. Harlaftis and A. V. Filippenko (2001). In *The Neutron Star – Black Hole Connection*, ed. C. Kouveliotou, *et al.* (Dordrecht: Kluwer), 301–305. “Weighing Black Holes with the Largest Optical Telescopes.”
- 335) P. J. Callanan, A. V. Filippenko, and M. R. Garcia (2001). In *X-Ray Astronomy: Stellar Endpoints, AGN, and the Diffuse X-ray Background* (Proceedings of AIP Conference 599), ed. N. W. White, G. Malaguti, and G. G. C. Palumbo (New York: American Institute of Physics), 433–436. “Keck K-Band Observations of Low Mass X-Ray Binaries.”
- 336) A. J. Barth, M. Sarzi, L. C. Ho, H.-W. Rix, J. C. Shields, A. V. Filippenko, G. Rudnick, and W. L. W. Sargent (2001). In *The Central Kiloparsec of Starbursts and AGN: The La Palma Connection*, ed. J. H. Knapen, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 249), 370–374. “Measuring Black-Hole Masses Using Ionized-Gas Kinematics.”
- \*337) D. C. Leonard, A. V. Filippenko, E. L. Gates, W. Li, R. G. Eastman, A. J. Barth, S. J. Bus, R. Chornock, A. L. Coil, S. Frink, C. A. Grady, A. W. Harris, M. A. Malkan, T. Matheson, A. Quirrenbach, and R. R. Treffers (2002). *Publ. Astron. Soc. Pacific*, **114**, 35–64. “The Distance to SN 1999em in NGC 1637 from the Expanding Photosphere Method.” [*Erratum*: **114**, 1291 (2002).]
- \*338) L. C. Ho, M. Sarzi, H.-W. Rix, J. C. Shields, G. Rudnick, A. V. Filippenko, and A. J. Barth (2002). *Publ. Astron. Soc. Pacific*, **114**, 137–143. “An Efficient Strategy to Select Targets for Gasdynamical Measurements of Black Hole Masses with the *Hubble Space Telescope*.”
- \*339) S. Ravindranath, L. C. Ho, and A. V. Filippenko (2002). *Astrophys. Jour.*, **566**, 801–808. “Nuclear Cusps and Cores in Early-Type Galaxies as Relics of Binary Black Hole Mergers.”
- \*340) D. Branch, *et al.* [17 authors] (2002). *Astrophys. Jour.*, **566**, 1005–1017. “Direct Analysis of Spectra of Type Ib Supernovae.”
- \*341) M. Sarzi, H.-W. Rix, J. C. Shields, D. H. McIntosh, L. C. Ho, G. Rudnick, A. V. Filippenko, W. L. W. Sargent, and A. J. Barth (2002). *Astrophys. Jour.*, **567**, 237–246. “Limits on the Mass of the Central Black Hole in 16 Nearby Bulges.”
- 342) A. V. Filippenko and J. M. Pasachoff (2002). *Mercury*, **31**, No. 2, 15–21. “A Universe from Nothing.”
- \*343) W. Li, A. V. Filippenko, S. D. Van Dyk, J. Hu, Y. Qiu, M. Modjaz, and D. C. Leonard (2002). *Publ. Astron. Soc. Pacific*, **114**, 403–415. “A *Hubble Space Telescope* Snapshot Survey of Nearby Supernovae.”
- \*344) J. Sollerman, S. T. Holland, P. Challis, C. Fransson, P. Garnavich, R. P. Kirshner, C. Kozma, B. Leibundgut, P. Lundqvist, F. Patat, A. V. Filippenko, N. Panagia, and J. C. Wheeler (2002). *Astron. Astrophys.*, **386**, 944–956. “Supernova 1998bw — The Final Phases.”
- \*345) A. Gal-Yam, E. O. Ofek, A. V. Filippenko, R. Chornock, and W. Li (2002). *Publ. Astron. Soc. Pacific*, **114**, 587–592. “SDSS J124602.54+011318.8: A Highly Variable Active Galactic Nucleus, Not an Orphan Gamma-Ray Burst Afterglow.”
- \*346) M. S. Brotherton, M. Grabelsky, G. Canalizo, W. van Breugel, A. V. Filippenko, S. Croom, B. Boyle, and T. Shanks (2002). *Publ. Astron. Soc. Pacific*, **114**, 593–601. “*Hubble Space Telescope* Imaging of the Poststarburst Quasar UN J1025-0040: Evidence for Recent Star Formation.”
- \*347) J. L. Sokoloski, L. Bildsten, R. Chornock, and A. V. Filippenko (2002). *Publ. Astron. Soc. Pacific*, **114**, 636–644. “Four New  $\delta$  Scuti Pulsators from a Variability Survey of 131 Stars.”
- \*348) C. Fransson, R. A. Chevalier, A. V. Filippenko, B. Leibundgut, A. J. Barth, R. A. Fesen, R. P. Kirshner, D. C. Leonard, W. Li, P. Lundqvist, J. Sollerman, and S. D. Van Dyk (2002). *Astrophys. Jour.*, **572**, 350–370. “Optical and Ultraviolet Spectroscopy of SN 1995N: Evidence for Strong Circumstellar Interaction.”

- \*349) P. Mazzali, *et al.* [34 authors] (2002). *Astrophys Jour. (Letters)*, **572**, L61–L65. “The Type Ic Hypernova SN 2002ap.”
- \*350) C. S. J. Pun, *et al.* [21 authors] (2002) *Astrophys. Jour.*, **572**, 906–931. “Modeling the *Hubble Space Telescope* Ultraviolet and Optical Spectrum of Spot 1 on the Circumstellar Ring of SN 1987A.”
- \*351) D. Pooley, *et al.* [15 authors] (2002). *Astrophys. Jour.*, **572**, 932–943. “X-ray, Optical, and Radio Observations of the Type II Supernovae 1999em and 1998S.”
- \*352) A. Pastorello, M. Turatto, S. Benetti, E. Cappellaro, I. J. Danziger, P. A. Mazzali, F. Patat, A. V. Filippenko, D. J. Schlegel, and T. Matheson (2002). *Mon. Not. Royal Astron. Soc.*, **333**, 27–38. “The Type II<sub>n</sub> Supernova 1995G: Interaction with the Circumstellar Medium.”
- 353) J. C. Shields, B. M. Sabra, L. C. Ho, A. J. Barth, and A. V. Filippenko (2002). In *Mass Outflow in Active Galactic Nuclei: New Perspectives*, ed. D. M. Crenshaw, S. B. Kraemer, and I. M. George (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 255), 105–109. “Ultraviolet Absorption in LINERs.”
- 354) J. L. Sokoloski, S. J. Kenyon, A. K. H. Kong, P. A. Charles, C. R. Kaiser, N. Seymour, B. R. Espey, C. D. Keyes, S. R. McCandliss, A. V. Filippenko, W. Li, G. G. Pooley, C. Brocksopp, and R. P. S. Stone (2002). In *The Physics of Cataclysmic Variables and Related Objects*, ed. B. T. Gänsicke, K. Beuermann, and K. Reinsch (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 261), 667–668. “Outbursts of Classical Symbiotics: Multi-Wavelength Observations of the 2000–2001 Outburst of Z Andromedae.”
- 355) P. J. Callanan, P. Curran, A. V. Filippenko, M. R. Garcia, B. Margon, E. Deutsch, and R. P. Fender (2002). In *The Physics of Cataclysmic Variables and Related Objects*, ed. B. T. Gänsicke, K. Beuermann, and K. Reinsch (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 261), 275–276. “The Infrared Counterpart of GX 17+2.”
- \*356) S. D. Van Dyk, A. V. Filippenko, and W. Li (2002). *Publ. Astron. Soc. Pacific*, **114**, 700–707. “Possible Recovery of SN 1961V in *Hubble Space Telescope* Archival Images.”
- \*357) S. van den Bergh, W. Li, and A. V. Filippenko (2002). *Publ. Astron. Soc. Pacific*, **114**, 820–825. “Classifications of the Host Galaxies of Supernovae.”
- \*358) D. Poznanski, A. Gal-Yam, D. Maoz, A. V. Filippenko, D. C. Leonard, and T. Matheson (2002). *Publ. Astron. Soc. Pacific*, **114**, 833–845. “Not Color-Blind: Using Multiband Photometry to Classify Supernovae.”
- \*359) P. J. Callanan, P. Curran, A. V. Filippenko, M. R. Garcia, B. Margon, E. Deutsch, S. Anderson, L. Homer, and R. P. Fender (2002). *Astrophys. Jour. (Letters)*, **574**, L143–L146. “The Peculiar Infrared Counterpart of GX 17+2.”
- \*360) S. Tremaine, *et al.* [15 authors] (2002). *Astrophys. Jour.*, **574**, 740–753. “The Slope of the Black-Hole Mass Versus Velocity Dispersion Correlation.”
- \*361) N. Benítez, A. Riess, P. Nugent, M. Dickinson, R. Chornock, and A. V. Filippenko (2002). *Astrophys Jour. (Letters)*, **577**, L1–L4. “The Magnification of SN 1997ff, the Farthest Known Supernova.”
- \*362) T. R. Lauer, *et al.* [18 authors] (2002). *Astron. Jour.*, **124**, 1975–1987. “Galaxies with a Central Minimum in Stellar Luminosity Density.”
- \*363) D. C. Leonard, A. V. Filippenko, W. Li, T. Matheson, R. P. Kirshner, R. Chornock, S. D. Van Dyk, P. Berlind, M. L. Calkins, P. M. Challis, P. M. Garnavich, S. Jha, and A. Mahdavi (2002). *Astron. Jour.*, **124**, 2490–2505. “A Study of the Type II-Plateau Supernova 1999gi, and the Distance to its Host Galaxy, NGC 3184.”
- \*364) D. C. Leonard, A. V. Filippenko, R. Chornock, and W. Li (2002). *Astron. Jour.*, **124**, 2506–2515. “Evidence for Extremely High Dust Polarization Efficiency in NGC 3184.”
- \*365) L. Wang, *et al.* [18 authors] (2002). *Astrophys. Jour.*, **579**, 671–677. “The Axisymmetric Ejecta of Supernova 1987A.”
- \*366) E. C. Moran, A. V. Filippenko, and R. Chornock (2002). *Astrophys. Jour. (Letters)*, **579**, L71–L74. “‘Hidden’ Seyfert 2 Galaxies and the X-Ray Background.”

- \*367) S. D. Van Dyk, P. M. Garnavich, A. V. Filippenko, P. Höflich, R. P. Kirshner, R. L. Kurucz, and P. Challis (2002). *Publ. Astron. Soc. Pacific*, **114**, 1322–1332. “The Progenitor of Supernova 1993J Revisited.”
- \*368) D. C. Leonard, A. V. Filippenko, R. Chornock, and R. J. Foley (2002). *Publ. Astron. Soc. Pacific*, **114**, 1333–1348. “Photospheric-Phase Spectropolarimetry and Nebular-Phase Flux Spectroscopy of the Peculiar Type Ic Supernova 2002ap.”
- \*369) B. M. Peterson, *et al.* [41 authors] (2002). *Astrophys. Jour.*, **581**, 197–204. “Steps Toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. XVI. A 13 Year Study of Spectral Variability in NGC 5548.”
- 370) A. V. Filippenko (2002). In *On the Nature of Dark Energy*, ed. P. Brax, J. Martin, and J.-P. Uzan (Paris: Frontier Group), 27–36. “Evidence from Type Ia Supernovae for an Accelerating Universe.”
- \*371) S. D. Van Dyk, W. Li, and A. V. Filippenko (2003). *Publ. Astron. Soc. Pacific*, **115**, 1–20. “A Search for Core-Collapse Supernova Progenitors in *Hubble Space Telescope* Images.” [Addendum: p. 21.]
- 372) A. V. Filippenko (2003). *Astronomy*, **31**, No. 2, 42–47. “When Stars Explode.”
- \*373) K. Gebhardt, *et al.* [15 authors] (2003). *Astrophys. Jour.*, **583**, 92–115. “Axisymmetric Dynamical Models of the Central Regions of Galaxies.”
- \*374) L. C. Ho, A. V. Filippenko, and W. L. W. Sargent (2003). *Astrophys. Jour.*, **583**, 159–177. “A Search for ‘Dwarf’ Seyfert Nuclei. VI. Properties of Emission-Line Nuclei in Nearby Galaxies.”
- \*375) B. M. Sabra, J. C. Shields, L. C. Ho, A. J. Barth, and A. V. Filippenko (2002). *Astrophys. Jour.*, **584**, 164–175. “Emission and Absorption in the M87 LINER.”
- 376) S. D. Van Dyk, W. Li, and A. V. Filippenko (2003). In *From Twilight to Highlight: The Physics of Supernovae*, ed. W. Hillebrandt and B. Leibundgut (Berlin: Springer-Verlag), 33–36. “Core-Collapse Supernova Progenitors in *Hubble Space Telescope* Images.”
- 377) P. Ruiz-Lapuente, F. Comeron, S. Smartt, R. Kurucz, J. Mendez, R. Canal, A. V. Filippenko, and R. Chornock (2003). In *From Twilight to Highlight: The Physics of Supernovae*, ed. W. Hillebrandt and B. Leibundgut (Berlin: Springer-Verlag), 140–147. “Search for the Companions of Galactic SNe Ia.”
- 378) A. V. Filippenko (2003). In *From Twilight to Highlight: The Physics of Supernovae*, ed. W. Hillebrandt and B. Leibundgut (Berlin: Springer-Verlag), 171–182. “Optical Spectra and Light Curves of Supernovae.”
- \*379) A. Gal-Yam, D. Maoz, P. Guhathakurta, and A. V. Filippenko (2003). *Astron. Jour.*, **125**, 1087–1094. “A Population of Intergalactic Supernovae in Galaxy Clusters.”
- \*380) W. Li, A. V. Filippenko, R. Chornock, and S. Jha (2003). *Astrophys. Jour. (Letters)*, **586**, L9–L12. “The Early Light Curve of the Optical Afterglow of GRB 021211.”
- \*381) S. D. Van Dyk, W. Li, and A. V. Filippenko (2003). *Publ. Astron. Soc. Pacific*, **115**, 448–452. “On the Progenitor of Supernova 2001du in NGC 1365.”
- \*382) W. Li, A. V. Filippenko, R. Chornock, E. Berger, P. Berlind, M. L. Calkins, P. Challis, C. Fassnacht, S. Jha, R. P. Kirshner, T. Matheson, W. L. W. Sargent, R. A. Simcoe, G. H. Smith, and G. Squires (2003). *Publ. Astron. Soc. Pacific*, **115**, 453–473. “SN 2002cx: The Most Peculiar Known Type Ia Supernova.”
- \*383) A. V. Filippenko and L. C. Ho (2003). *Astrophys. Jour. (Letters)*, **588**, L13–L16. “A Low-Mass Central Black Hole in the Bulgeless Seyfert 1 Galaxy NGC 4395.”
- \*384) W. Li, A. V. Filippenko, R. Chornock, and S. Jha (2003). *Publ. Astron. Soc. Pacific*, **115**, 844–853. “The Katzman Automatic Imaging Telescope Gamma-Ray Burst Alert System, and Observations of GRB 020813.”
- \*385) D. Pooley, *et al.* (2003). *Astrophys. Jour. (Letters)*, **591**, L131–L134. “Dynamical Formation of Close Binary Systems in Globular Clusters.”

- 386) A. V. Filippenko (2003). In *Active Galactic Nuclei: From Central Engine to Host Galaxy*, ed. S. Collin, F. Combes, and I. Shlosman (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 290), 369–378. “LINERs and their Physical Mechanisms.”
- 387) A. J. Barth, L. C. Ho, and A. V. Filippenko (2003). In *Active Galactic Nuclei: From Central Engine to Host Galaxy*, ed. S. Collin, F. Combes, and I. Shlosman (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 290), 387–388. “A *Hubble Space Telescope* Spectroscopic Survey of LINER/H II Transition Nuclei.”
- 388) J. C. Shields, B. M. Sabra, L. C. Ho, A. J. Barth, and A. V. Filippenko (2003). In *Active Galactic Nuclei: From Central Engine to Host Galaxy*, ed. S. Collin, F. Combes, and I. Shlosman (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 290), 401–402. “HST Spectroscopy of the M87 Nucleus.”
- \*389) E. Michael, *et al.* [25 authors] (2003). *Astrophys. Jour.*, **593**, 809–830. “*Hubble Space Telescope* Observations of High-Velocity Ly $\alpha$  and H $\alpha$  Emission from Supernova Remnant 1987A: The Structure and Development of the Reverse Shock.”
- \*390) J. Tonry, *et al.* [25 authors] (2003). *Astrophys. Jour.*, **594**, 1–24. “Cosmological Results from High- $z$  Supernovae.”
- \*391) N. Mirabal, J. P. Halpern, R. Chornock, A. V. Filippenko, D. M. Terndrup, E. Armstrong, J. Kemp, J. R. Thorstensen, M. Tavares, and C. Espaillet (2003). *Astrophys. Jour.*, **595**, 935–949. “GRB 021004: A Possible Shell Nebula around a Wolf-Rayet Star Gamma-Ray Burst Progenitor.”
- \*392) J. Pinkney, *et al.* [14 authors] (2003). *Astrophys. Jour.*, **596**, 903–929. “Kinematics of 10 Early-Type Galaxies from *Hubble Space Telescope* and Ground-Based Spectroscopy.”
- \*393) R. J. Foley, M. S. Papekova, B. J. Swift, A. V. Filippenko, W. Li, P. A. Mazzali, R. Chornock, D. C. Leonard, and S. D. Van Dyk (2003). *Publ. Astron. Soc. Pacific*, **115**, 1220–1235. “Optical Photometry and Spectroscopy of the SN 1998bw-like Type Ic Supernova 2002ap.”
- \*394) S. van den Bergh, W. Li, and A. V. Filippenko (2003). *Publ. Astron. Soc. Pacific*, **115**, 1280–1288. “Classifications of the Host Galaxies of Supernovae, Set II.”
- \*395) S. D. Van Dyk, W. Li, and A. V. Filippenko (2003). *Publ. Astron. Soc. Pacific*, **115**, 1289–1295. “On the Progenitor of the Type II-Plateau Supernova 2003gd in M74.”
- \*396) B. Williams, *et al.* [27 authors] (2003). *Astron. Jour.*, **126**, 2608–2621. “Imaging and Demography of the Host Galaxies of High-Redshift Type Ia Supernovae.”
- \*397) T. Storchi-Bergmann, *et al.* [9 authors] (2003). *Astrophys. Jour.*, **598**, 956–968. “Evolution of the Nuclear Accretion Disk Emission in NGC 1097: Getting Closer to the Black Hole.”
- \*398) T. Matheson, *et al.* (2003). *Astrophys. Jour.*, **599**, 394–407. “Photometry and Spectroscopy of GRB 030329 and Its Associated Supernova 2003dh: The First Two Months.”
- \*399) M. Dickinson, *et al.* [18 authors] (2004). *Astrophys. Jour. (Letters)*, **600**, L99–L102. “Color-Selected Galaxies at  $z \approx 6$  in the Great Observatories Origins Deep Survey.”
- \*400) A. G. Riess, *et al.* [18 authors] (2004). *Astrophys. Jour. (Letters)*, **600**, L163–L166. “Identification of Type Ia Supernovae at Redshift 1.3 and Beyond with the Advanced Camera for Surveys on the *Hubble Space Telescope*.”
- \*401) R. C. Thomas, D. Branch, E. Baron, K. Nomoto, W. Li, and A. V. Filippenko (2004). *Astrophys. Jour.*, **601**, 1019–1030. “On the Geometry of the High-Velocity Ejecta of the Peculiar Type Ia Supernova 2000cx.”
- \*402) B. Barris, *et al.* (2004). *Astrophys. Jour.*, **602**, 571–594. “23 High-Redshift Supernovae from the IfA Deep Survey: Doubling the  $z > 0.7$  Supernova Sample.”
- \*403) D. Branch, R. C. Thomas, E. Baron, D. Kasen, K. Hatano, K. Nomoto, A. V. Filippenko, W. Li, and R. J. Rudy (2004). *Astrophys. Jour.*, **606**, 413–423. “Direct Analysis of Spectra of the Peculiar Type Ia Supernova 2000cx.”
- \*404) R. M. Wagner, F. J. Vrba, A. A. Henden, B. Canzian, C. B. Luginbuhl, A. V. Filippenko, R. Chornock, W. Li, G. D. Schmidt, P. S. Smith, and S. Starrfield (2004). *Publ. Astron. Soc.*

*Pacific*, **116**, 326–336. “Discovery and Evolution of an Unusual Luminous Variable Star in NGC 3432 (Supernova 2000ch).”

- 405) A. V. Filippenko (2004). In *The Early Universe and Observational Cosmology (Lecture Notes in Physics, 646)*, ed. N. Bretón, J. L. Cervantes-Cota, and M. Salgado (Berlin: Springer-Verlag), 191–221. “The Accelerating Universe and Dark Energy: Evidence from Type Ia Supernovae.”
- \*406) A. G. Riess, *et al.* [19 authors] (2004). *Astrophys. Jour.*, **607**, 665–687. “Type Ia Supernova Discoveries at  $z > 1$  from the *Hubble Space Telescope*: Evidence for Past Deceleration and Constraints on Dark Energy Evolution.”
- \*407) A. Gal-Yam, D. Poznanski, D. Maoz, A. V. Filippenko, and R. J. Foley (2004). *Publ. Astron. Soc. Pacific*, **116**, 597–603. “Photometric Identification of Young Stripped-Core Supernovae.”
- \*408) N. N. Chugai, S. I. Blinnikov, R. J. Cumming, P. Lundqvist, A. Bragaglia, A. V. Filippenko, D. C. Leonard, T. Matheson, and J. Sollerman (2004). *Mon. Not. Royal Astron. Soc.*, **352**, 1213–1231. “The Type II<sub>n</sub> Supernova 1994W: Evidence for the Explosive Ejection of a Circumstellar Envelope.”
- \*409) D. M. Crenshaw, S. B. Kraemer, J. R. Gabel, H. R. Schmitt, A. V. Filippenko, L. C. Ho, J. C. Shields, and T. J. Turner (2004). *Astrophys. Jour.*, **612**, 152–158. “High-Resolution Ultraviolet Spectra of the Dwarf Seyfert 1 Galaxy NGC 4395: Evidence for Intrinsic Absorption.”
- \*410) L. Strolger, *et al.* [36 authors] (2004). *Astrophys. Jour.*, **613**, 200–223 [Erratum: **635**, 1370–1372 (2005)]. “The Hubble Higher- $z$  Supernova Search: Supernovae to  $z \approx 1.6$  and Constraints on Type Ia Progenitor Models.”
- \*411) P. Ruiz-Lapuente, F. Comeron, J. Méndez, R. Canal, S. J. Smartt, A. V. Filippenko, R. L. Kurucz, R. Chornock, R. J. Foley, V. Stanishev, and R. Ibata (2004). *Nature*, **431**, 1069–1072. “The Binary Progenitor of Tycho Brahe’s 1572 Supernova.”
- \*412) P. A. Mazzali, J. Deng, K. Maeda, K. Nomoto, A. V. Filippenko, and T. Matheson (2004). *Astrophys. Jour.*, **614**, 858–863. “Properties of Two Hypernovae Entering the Nebular Phase: SN 1997ef and SN 1997dq.”
- \*413) D. Branch, E. Baron, R. C. Thomas, D. Kasen, W. Li, and A. V. Filippenko (2004). *Publ. Astron. Soc. Pacific*, **116**, 903–908. “Reading the Spectra of the Most Peculiar Type Ia Supernova 2002cx.”
- \*414) J. Sollerman, J. Lindahl, C. Kozma, P. Challis, A. V. Filippenko, C. Fransson, P. M. Garnavich, B. Leibundgut, W. Li, P. Lundqvist, P. Milne, J. Spyromilio, and R. P. Kirshner (2004). *Astron. Astrophys.*, **428**, 555–568. “The Late-Time Light Curve of the Type Ia Supernova 2000cx.”
- 415) M. Eracleous, J. P. Halpern, T. Storchi-Bergmann, A. V. Filippenko, A. S. Wilson, and M. Livio (2004). In *The Interplay among Black Holes, Stars, and ISM in Galactic Nuclei*, ed. T. Storchi-Bergmann, L. C. Ho, and H. R. Schmitt (Cambridge: Cambridge Univ. Press), 29–32. “The Ultraviolet Spectra of Active Galaxies with Double-Peaked Emission Lines.”
- 416) S. Gezari, J. P. Halpern, M. Eracleous, and A. V. Filippenko (2004). In *The Interplay among Black Holes, Stars, and ISM in Galactic Nuclei*, ed. T. Storchi-Bergmann, L. C. Ho, and H. R. Schmitt (Cambridge: Cambridge Univ. Press), 95–96. “Monitoring the Profile Variability of the Double-Peaked Balmer Lines in Arp 102B.”
- 417) M. Sarzi, H.-W. Rix, J. C. Shields, L. C. Ho, A. J. Barth, G. Rudnick, A. V. Filippenko, and W. L. W. Sargent (2004). In *The Interplay among Black Holes, Stars, and ISM in Galactic Nuclei*, ed. T. Storchi-Bergmann, L. C. Ho, and H. R. Schmitt (Cambridge: Cambridge Univ. Press), 145–148. “The Stellar Populations in the Central Parsecs of Galactic Bulges.”
- 418) J. C. Shields, A. J. Barth, A. V. Filippenko, L. C. Ho, D. H. McIntosh, H.-W. Rix, G. Rudnick, W. L. W. Sargent, and M. Sarzi (2004). In *The Interplay among Black Holes, Stars, and ISM in Galactic Nuclei*, ed. T. Storchi-Bergmann, L. C. Ho, and H. R. Schmitt (Cambridge: Cambridge Univ. Press), 295–298. “Nebular Excitation of Low-Luminosity Emission Nuclei.”
- 419) S. Ravindranath, L. C. Ho, and A. V. Filippenko (2004). In *Carnegie Observatories Astrophysics Series, Vol. 1: Coevolution of Black Holes and Galaxies*, ed. L. C. Ho (Pasadena: Carnegie

- Observatories; see <http://www.ociw.edu/ociw/symposia/series/symposium/proceedings.html>), 6 pages. “Interpreting the Nuclear Cusp Slopes and Cores in Early-Type Galaxies.”
- 420) M. Cappi, *et al.* (2004). In *Carnegie Observatories Astrophysics Series, Vol. 1: Coevolution of Black Holes and Galaxies*, ed. L. C. Ho (Pasadena: Carnegie Observatories; see <http://www.ociw.edu/ociw/symposia/series/symposium/proceedings.html>), 4 pages. “XMM-Newton Survey of a Distance-Limited Sample of Seyfert Galaxies.” [See also M. Cappi, *et al.* (2002), astro-ph/0202245. In ESA SP-488 Proceedings, *New Visions of the X-ray Universe in the XMM-Newton and Chandra Era*, ed. F. Jansen, *et al.* (Garching: ESA). “First Results from a XMM-Newton Survey of a Distance-Limited (D  $\lesssim$  22 Mpc) Sample of Seyfert Galaxies: I. The AGNs.”]
- 421) J. C. Shields, H.-W. Rix, A. J. Barth, A. V. Filippenko, L. C. Ho, D. H. McIntosh, G. Rudnick, W. L. W. Sargent, and M. Sarzi (2004). In *Carnegie Observatories Astrophysics Series, Vol. 1: Coevolution of Black Holes and Galaxies*, ed. L. C. Ho (Pasadena: Carnegie Observatories; see <http://www.ociw.edu/ociw/symposia/series/symposium/proceedings.html>), 6 pages. “Black Holes as Traced by Weak Active Nuclei.”
- 422) A. V. Filippenko (2004). In *Carnegie Observatories Astrophysics Series, Vol. 2: Measuring and Modeling the Universe*, ed. W. L. Freedman (Cambridge: Cambridge Univ. Press), 270–290. “Evidence from Type Ia Supernovae for an Accelerating Universe and Dark Energy.”
- 423) A. V. Filippenko and D. C. Leonard (2004). In *Cosmic Explosions in Three Dimensions*, ed. P. Höflich, P. Kumar, and J. C. Wheeler (Cambridge: Cambridge Univ. Press), 30–42. “Spectropolarimetric Observations of Supernovae.”
- 424) N. Mirabal, J. P. Halpern, R. Chornock, A. V. Filippenko, and D. M. Terndrup (2004). *AIP Conf. Proc. 727*, 366. “GRB 021004: A Possible Shell Nebula around a Wolf-Rayet Star Gamma-Ray Burst Progenitor.”
- 425) A. V. Filippenko and T. Matheson (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 37–46. “Optical, Ultraviolet, and Infrared Observations of SN 1993J.”
- 426) N. N. Chugai, R. J. Cumming, S. I. Blinnikov, P. Lundqvist, A. V. Filippenko, A. J. Barth, A. Bragaglia, D. C. Leonard, T. Matheson, and J. Sollerman (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 111–115. “SN 1994W: Evidence of Explosive Mass Ejection a Few Years Before Explosion.”
- 427) A. Gal-Yam, D. Maoz, K. Sharon, F. Prada, P. Guhathakurta, and A. V. Filippenko (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 367–371. “Supernovae in Galaxy Clusters.”
- 428) D. Poznanski, A. Gal-Yam, D. Maoz, A. V. Filippenko, D. C. Leonard, and T. Matheson (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 373–377. “Using Multi-Band Photometry to Classify Supernovae.”
- 429) P. A. Mazzali, K. Nomoto, J. Deng, K. Maeda, K. Iwamoto, A. V. Filippenko, and R. J. Foley (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 391–401. “SN 1998bw and Other SN 1998bw-like Supernovae.”
- 430) W. Li and A. V. Filippenko (2005). In *Cosmic Explosions*, ed. J. M. Marcaide and K. W. Weiler (Berlin: Springer-Verlag), 525–533. “Observations of Type Ia Supernovae, and Challenges for Cosmology.”
- \*431) W. Li, S. D. Van Dyk, A. V. Filippenko, and J.-C. Cuillandre (2005). *Publ. Astron. Soc. Pacific*, **117**, 121–131. “On the Progenitor of the Type II Supernova 2004et in NGC 6946”
- 432) A. V. Filippenko (2005). In *The Fate of the Most Massive Stars*, ed. R. Humphreys and K. Stanek (San Francisco: Astron. Soc. Pacific), 33–43. “Supernovae and Their Massive Star Progenitors.”
- 433) E. Harlaftis and A. Filippenko (2005). In *The Fate of the Most Massive Stars*, ed. R. Humphreys and K. Stanek (San Francisco: Astron. Soc. Pacific), 416–416. “X-ray Binaries as Indicators of SN Explosions.”



- \*434) C. Fransson, *et al.* (2005). *Astrophys. Jour.*, **622**, 991–1007. “*Hubble Space Telescope* and Ground-based Observations of SN 1993J and SN 1998S: CNO Processing in the Progenitors.”
- \*435) E. C. Moran, M. Eracleous, K. M. Leighly, G. Chartas, A. V. Filippenko, L. C. Ho, and P. R. Blanco (2005). *Astron. Jour.*, **129**, 2108–2118. “Extreme X-ray Behavior in the Low-Luminosity Active Nucleus in NGC 4395.”
- \*436) T. R. Lauer, *et al.* [17 authors] (2005). *Astron. Jour.*, **129**, 2138–2185. “The Centers of Early-Type Galaxies with *Hubble Space Telescope*. V. New WFPC2 Photometry.”
- \*437) T. Matheson, *et al.* (2005). *Astron. Jour.*, **129**, 2352–2375. “Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First Two Years.”
- \*438) A. Fruscione, L. J. Greenhill, A. V. Filippenko, J. M. Moran, J. R. Herrnstein, and E. Galle (2005). *Astrophys. Jour.*, **624**, 103–117. “X-ray Luminosity and Absorption Column Fluctuations in the H<sub>2</sub>O Maser Galaxy NGC 4258 from Weeks to Years.”
- 439) J. L. Sokoloski, *et al.* (2005). In *The Astrophysics of Cataclysmic Variables and Related Objects*, ed. J.-M. Hameury and J.-P. Lasota (San Francisco: Astron. Soc. Pacific), 293–298. “A New Kind of Nova.”
- \*440) T. Storchi-Bergmann, R. S. Nemmen, P. F. Spinelli, M. Eracleous, A. S. Wilson, A. V. Filippenko, and M. Livio (2005). *Astrophys. Jour. (Letters)*, **624**, L13–L16. “Evidence of a Starburst within 9 pc of the Nucleus of NGC 1097.”
- \*441) P. Mazzali, *et al.* (2005). *Science*, **308**, 1284–1287. “An Asymmetric Energetic Type Ic Supernova Viewed Off-Axis, and A Link to Gamma Ray Bursts.”
- \*442) R. J. Foley, A. V. Filippenko, D. C. Leonard, A. G. Riess, P. Nugent, and S. Perlmutter (2005). *Astrophys. Jour. (Letters)*, **626**, L11–L14. “A Definitive Measurement of Time Dilation in the Spectral Evolution of the Moderate-Redshift Type Ia Supernova 1997ex.”
- \*443) S. D. Van Dyk, A. V. Filippenko, R. Chornock, W. Li, and P. M. Challis (2005). *Publ. Astron. Soc. Pacific*, **117**, 553–562. “Supernova 1954J (Variable 12) in NGC 2403 Unmasked.”
- \*444) M. Sarzi, H.-W. Rix, J. C. Shields, L. C. Ho, A. J. Barth, G. Rudnick, A. V. Filippenko, and W. L. W. Sargent (2005). *Astrophys. Jour.*, **628**, 169–186. “The Stellar Populations in the Central Parsecs of Galactic Bulges.”
- \*445) A. G. Riess, W. Li, P. B. Stetson, A. V. Filippenko, S. Jha, R. P. Kirshner, P. M. Challis, P. M. Garnavich, and R. Chornock (2005). *Astrophys. Jour.*, **627**, 579–607. “Cepheid Calibrations from the *Hubble Space Telescope* of the Luminosity of Two Recent Type Ia Supernovae and a Redetermination of the Hubble Constant.”
- \*446) T. Rushton, *et al.* [11 authors] (2005). *Mon. Not. Royal Astron. Soc.*, **360**, 1281–1289. “Spectral Evolution of V838 Monocerotis in the Optical and Near-Infrared in Early 2002.”
- 447) A. V. Filippenko (2005). *Nuclear Physics A*, **758**, 3c–10c. “Optical Observations of Core-Collapse Supernovae.”
- \*448) K. Y. Huang, *et al.* (2005). *Astrophys. Jour. (Letters)*, **628**, L93–L96. “Optical Afterglow Observations of the Unusual Short-Duration Gamma-Ray Burst 040924.”
- \*449) G. J. M. Graves, *et al.* (2005). *Astrophys. Jour.*, **629**, 944–959. “Limits from the *Hubble Space Telescope* on a Point Source in SN 1987A.”
- \*450) S. van den Bergh, W. Li, and A. V. Filippenko (2005). *Publ. Astron. Soc. Pacific*, **117**, 773–782. “Classifications of the Host Galaxies of Supernovae, Set III.”
- \*451) C. M. Hamilton, *et al.* (2005). *Astron. Jour.*, **130**, 1896–1915. “The Disappearing Act of KH 15D: Photometric Results from 1995 to 2004.”
- \*452) D. C. Leonard, W. Li, A. V. Filippenko, R. J. Foley, and R. Chornock (2005). *Astrophys. Jour.*, **632**, 450–475. “Evidence for Spectropolarimetric Diversity in Type Ia Supernovae.”
- \*453) B. M. Peterson, *et al.* (2005). *Astrophys. Jour.*, **632**, 799–808 [Erratum: **641**, 638–639 (2006)]. “Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. I. A Reverberation-based Measurement of the Black Hole Mass.”

- 454) A. V. Filippenko (2005). In “White Dwarfs: Cosmological and Galactic Probes,” ed. E. M. Sion, S. Vennes, and H. L. Shipman (Dordrecht: Springer), 97–133. “Type Ia Supernovae and Cosmology.”
- \*455) J. L. Hoffman, R. Chornock, D. L. Leonard, and A. V. Filippenko (2005). *Mon. Not. Royal Astron. Soc.*, **363**, 1241–1246. “Interstellar Polarization and the Position Angle Orientations of Seyfert 1 Galaxies.”
- 456) A. V. Filippenko (2005). In *1604–2004, Supernovae as Cosmological Lighthouses*, ed. M. Turatto, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. 342), 87–92. “An Observational Review of Core-Collapse Supernovae.”
- 457) Leonard, D. C., and A. V. Filippenko (2005). In *1604–2004, Supernovae as Cosmological Lighthouses*, ed. M. Turatto, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. 342), 330–336. “Spectropolarimetry of Core-Collapse Supernovae.”
- \*458) K. Krisciunas, *et al.* (2005). *Astron. Jour.*, **130**, 2453–2472. “Hubble Space Telescope Observations of Nine High-Redshift ESSENCE Supernovae.” HST GO-9860, AR-9925. Keck boilerplate.
- 459) J. L. Hoffman, P. Nugent, D. Kasen, R. C. Thomas, A. V. Filippenko, and D. C. Leonard (2005). In *Astronomical Polarimetry: Current Status and Future Directions*, ed. A. Adamson, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 343), 277–279. “Supernovae in 3-D: Bridging the Gap Between Observations and Theory.”
- 460) L. E. Kay, E. C. Moran, A. J. Barth, A. V. Filippenko, and A. M. M. Magalhaes (2005). In *Astronomical Polarimetry: Current Status and Future Directions*, ed. A. Adamson, *et al.* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 343), 505–507. “Seyfert 2 Galaxies Uncovered with Keck Spectropolarimetry.”
- \*461) J. L. Sokoloski, *et al.* (2006). *Astrophys. Jour.*, **636**, 1002–1019. “A ‘Combination Nova’ Outburst in Z Andromedae: Nuclear Shell Burning Triggered by a Disk Instability.”
- \*462) M. Hamuy, *et al.* (2006). *Publ. Astron. Soc. Pacific.*, **118**, 2–20. “The Carnegie Supernova Project: The Low-Redshift Survey.”
- \*463) W. Li, S. Jha, A. V. Filippenko, J. S. Bloom, D. Pooley, R. J. Foley, and D. A. Perley (2006). *Publ. Astron. Soc. Pacific*, **118**, 37–61 “The Calibration of the *Swift* UVOT Optical Observations: A Recipe for Photometry.”
- \*464) A. Laor, A. J. Barth, L. C. Ho, and A. V. Filippenko (2005). *Astrophys. Jour.*, **636**, 83–89. “Is the Broad-Line Region Clumped or Smooth? Constraints from the H $\alpha$  Profile in NGC 4395, the Least Luminous Seyfert 1 Nucleus.”
- \*465) M. Cappi, *et al.* (2006). *Astron. Astrophys.*, **446**, 459–470. “X-ray Spectral Survey with XMM–Newton of a Complete Sample of Nearby Seyfert Galaxies.”
- \*466) J. S. Bloom, *et al.* (2006). *Astrophys. Jour.*, **638**, 354–368. “Closing in on a Short-Hard Burst Progenitor: Constraints from Early-Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b.”
- \*467) A. Gal-Yam, E. O. Ofek, D. Poznanski, A. Levinson, E. Waxman, D. A. Frail, A. M. Soderberg, E. Nakar, W. Li, and A. V. Filippenko (2006). *Astrophys. Jour.*, **639**, 331–339. “Radio and Optical Follow-up Observations of a Uniform Radio Transient Search: Implications for Gamma-Ray Bursts and Supernovae”
- \*468) S. Blondin, *et al.* (2006). *Astron. Jour.*, **131**, 1648–1666. “Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts.”
- \*469) D. C. Leonard, A. V. Filippenko, M. Ganeshalingam, F. J. D. Serduke, W. Li, B. J. Swift, A. Gal-Yam, R. J. Foley, D. B. Fox, S. Park, J. L. Hoffman, and D. S. Wong (2006). *Nature*, **440**, 505–507. “A Non-Spherical Core in the Explosion of Supernova SN 2004dj.”
- \*470) S. D. Van Dyk, W. Li, and A. V. Filippenko (2006). *Pub. Astron. Soc. Pacific*, **118**, 351–357. “The Light Echo around Supernova 2003gd in Messier 74.”
- \*471) G. Folatelli, *et al.* (2006). *Astrophys. Jour.*, **641**, 1039–1050. “SN 2005bf: A Possible Transition Event between Type Ib/c Supernovae and Gamma-Ray Bursts.”

- \*472) W. Li, S. D. Van Dyk, A. V. Filippenko, J.-C. Cuillandre, S. Jha, J. S. Bloom, A. G. Riess, and M. Livio (2006). *Astrophys. Jour.*, **641**, 1060–1070. “Identification of the Red Supergiant Progenitor of Supernova 2005cs: Do the Progenitors of Type II-P Supernovae Have Low Mass?”
- 473) N. Butler, J. Bloom, A. Filippenko, W. Li, R. Foley, K. Alatalo, D. Kocevski, D. Perley, and D. Pooley (2006). In *Gamma-Ray Bursts in the Swift Era* (Proceedings of AIP Conference 836), ed. S. S. Holt, N. Gehrels, and J. A. Nousek (New York: American Institute of Physics), 277–280. “Rapidly Detecting Extincted Bursts with KAIT and PAIRITEL.”
- \*474) A. Clocchiatti, *et al.* (2006). *Astrophys. Jour.*, **642**, 1–21. “*Hubble Space Telescope* and Ground-Based Observations of Type Ia Supernovae at Redshift 0.5: Cosmological Implications.”
- \*475) D. Bersier, *et al.* (2006). *Astrophys. Jour.*, **643**, 284–291. “Evidence for a Supernova Associated with the X-ray Flash 020903.”
- \*476) M. Pozzo, W. P. S. Meikle, J. T. Rayner, R. D. Joseph, A. V. Filippenko, R. J. Foley, W. Li, S. Mattila, and J. Sollerman (2006). *Mon. Not. Royal Astron. Soc.*, **368**, 1169–1195 [Erratum: **375**, 416–416 (2007)]. “Optical and Infrared Observations of the Type IIP SN 2002hh from Days 3 to 397.”
- \*477) R. Chornock, A. V. Filippenko, D. Branch, R. J. Foley, S. Jha, and W. Li (2006). *Publ. Astron. Soc. Pacific*, **118**, 722–732. “Spectropolarimetry of the Peculiar Type Ia Supernova 2005hk.”
- \*478) J. I. González Hernández, R. Rebolo, G. Isralian, E. T. Harlaftis, A. V. Filippenko, and R. Chornock (2006). *Astrophys. Jour. (Letters)*, **644**, L49–L52. “XTE J1118+480: A Metal-Rich Black Hole Binary in the Galactic Halo.”
- \*479) S. Jha, D. Branch, R. Chornock, R. J. Foley, W. Li, B. J. Swift, D. Casebeer, and A. V. Filippenko (2006). *Astron. Jour.*, **132**, 189–196. “Late-Time Spectroscopy of SN 2002cx: The Prototype of a New Subclass of Type Ia Supernovae.”
- \*480) P. M. O’Neill, *et al.* (2006). *Astrophys. Jour.*, **645**, 160–169. “Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. II. X-ray and Ultraviolet Continuum Variability.”
- \*481) D. N. Sauer, P. A. Mazzali, J. Deng, S. Valenti, K. Nomoto, and A. V. Filippenko (2006). *Mon. Not. Royal Astron. Soc.*, **369**, 1939–1948. “The Properties of the ‘Standard’ Type Ic Supernova 1994I from Spectral Models.”
- \*482) E. Pian, *et al.* (2006). *Nature*, **442**, 1011–1013. “An Optical Supernova Associated with the X-Ray Flash XRF 060218”
- \*483) P. A. Mazzali, J. Deng, K. Nomoto, D. N. Sauer, E. Pian, N. Tominaga, M. Tanaka, K. Maeda, and A. V. Filippenko (2006). *Nature*, **442**, 1018–1020. “A Neutron-Star-Driven X-Ray Flash Associated with Supernova SN 2006aj.”
- \*484) W. P. S. Meikle, *et al.* [13 authors] (2006). *Astrophys. Jour.*, **649**, 332–344. “A Spitzer Space Telescope Study of SN 2002hh: An Infrared Echo from a Type IIP Supernova.”
- \*485) S. Taubenberger, *et al.* [27 authors] (2006). *Mon. Not. Royal Astron. Soc.*, **371**, 1459–1477. “SN 2004aw: Confirming Diversity of Type Ic Supernovae.”
- 486) M. T. Reynolds, P. Elebert, P. J. Callanan, B. Field, P. Tuite, M. A. P. Torres, D. Steeghs, P. M. Garnavich, D. M. Terndrup, A. V. Filippenko, R. J. Foley, and E. T. Harlaftis (2006). In *Populations of High Energy Sources in Galaxies*, Proc. of IAU Symposium No. 230, ed. E. J. A. Meurs and G. Fabbiano (Cambridge: Cambridge Univ. Press), 80–81. “Optical Observations of IGR J00291+5934 in the Post Outburst Phase.”
- \*487) P. Ferrero, *et al.* [18 authors] (2006). *Astron. Astrophys.*, **457**, 857–864. “The GRB 060218/SN 2006aj Event in the Context of Other Gamma-Ray Burst Supernovae.”
- \*488) L.-B. Desroches, *et al.* [14 authors] (2006). *Astrophys. Jour.*, **650**, 88–101. “Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. III. Optical Variability and X-Ray/UV/Optical Correlations.”
- \*489) R. Kotak, *et al.* [15 authors] (2006). *Astrophys. Jour. (Letters)*, **651**, L117–L120. “Spitzer Measurements of Atomic and Molecular Abundances in the Type IIP SN 2005af.”

- 490) J. Sollerman, *et al.* (2006). In Proceedings of the EPS-13 Conference: Beyond Einstein – Physics for the 21st Century, ed. A. M. Cruise and L. Ouweland (University of Bern, Switzerland; ESA-SP 637), 14–21. “Supernova Cosmology and the ESSENCE Project.”
- \*491) D. S. Wong, R. Chornock, and A. V. Filippenko (2006). *Advances in Space Research*, **38**, 2813–2815. “Keck Observations of ROSAT Ultra-Luminous X-Ray Source Candidates.”
- \*492) Ya. V. Pavlenko, *et al.* [10 authors] (2006). *Astron. Astrophys.*, **460**, 245–250. “The Properties of V838 Monocerotis in 2002 November.”
- \*493) N. R. Butler, W. Li, D. Perley, K. Y. Huang, Y. Urata, J. X. Prochaska, J. S. Bloom, A. V. Filippenko, R. J. Foley, D. Kocevski, H.-W. Chen, Y. Qiu, P. H. Kuo, F. Y. Huang, W. H. Ip, T. Tamagawa, K. Onda, M. Tashiro, K. Makishima, S. Nishihara, and Y. Sarugaku (2006). *Astrophys. Jour.*, **652**, 1390–1399. “When Do Internal Shocks End and External Shocks Begin? Early-Time Broadband Modeling of GRB 051111.”
- \*494) J. C. Shields, H.-W. Rix, M. Sarzi, A. J. Barth, A. V. Filippenko, L. C. Ho, D. H. McIntosh, G. Rudnick, and W. L. W. Sargent (2007). *Astrophys. Jour.*, **654**, 125–137. “The Survey of Nearby Nuclei with the Space Telescope Imaging Spectrograph: Emission-Line Nuclei at *Hubble Space Telescope* Resolution.”
- \*495) M. T. Reynolds, P. J. Callanan, and A. V. Filippenko (2007). *Mon. Not. Royal Astron. Soc.*, **374**, 657–663. “Keck Infrared Observations of GRO J0422+32 in Quiescence.”
- \*496) A. Gal-Yam, D. C. Leonard, D. B. Fox, S. B. Cenko, A. M. Soderberg, D.-S. Moon, D. J. Sand, W. Li, A. V. Filippenko, G. Aldering, and Y. Copin (2007). *Astrophys. Jour.*, **656**, 372–381. “On the Progenitor of SN 2005gl and the Nature of Type II<sub>n</sub> Supernovae.”
- \*497) J. Parrent, *et al.* (2007). *Publ. Astron. Soc. Pacific*, **119**, 135–142. “Direct Analysis of Spectra of the Unusual Type Ib Supernova 2005bf.”
- \*498) R. J. Foley, N. Smith, M. Ganeshalingam, W. Li, R. Chornock, and A. V. Filippenko (2007). *Astrophys. Jour. (Letters)*, **657**, L105–L108. “SN 2006jc: A Wolf-Rayet Star Exploding in a Dense He-Rich Circumstellar Medium.”
- \*499) M. M. Phillips, *et al.* (2007). *Publ. Astron. Soc. Pacific*, **119**, 360–387. “The Peculiar SN 2005hk: Do Some Type Ia Supernovae Explode as Deflagrations?”
- \*500) A. G. Riess, *et al.* (2007). *Astrophys. Jour.*, **659**, 98–121. “New *Hubble Space Telescope* Discoveries of Type Ia Supernovae at  $z \lesssim 1$ : Narrowing Constraints on the Early Behavior of Dark Energy.”
- \*501) K. Sharon, A. Gal-Yam, D. Maoz, A. V. Filippenko, and P. Guhathakurta (2007). *Astrophys. Jour.*, **660**, 1165–1175. “Supernovae in Low-Redshift Galaxy Clusters: The Type Ia Supernova Rate.”
- \*502) S. R. Kulkarni, *et al.* [14 authors] (2007). *Nature*, **447**, 458–460. “An Unusually Brilliant Transient in the Galaxy M85.”
- \*503) P. A. Mazzali, *et al.* [14 authors] (2007). *Astrophys. Jour.*, **661**, 892–898. “Keck and European Southern Observatory Very Large Telescope View of the Symmetry of the Ejecta of the XRF/SN 2006aj.”
- \*504) A. Pastorello, *et al.* [34 authors] (2007). *Mon. Not. Royal Astron. Soc.*, **377**, 1531–1552. “ESC and KAIT Observations of the Transitional Type Ia SN 2004eo.”
- \*505) C. L. Gerardy, *et al.* [13 authors] (2007). *Astrophys. Jour.*, **661**, 995–1012. “Signatures of Delayed Detonation, Asymmetry, and Electron Capture in the Mid-Infrared Spectra of Supernovae 2003hv and 2005df.”
- \*506) W. Li, X. Wang, S. D. Van Dyk, J.-C. Cuillandre, R. J. Foley, and A. V. Filippenko (2007). *Astrophys. Jour.*, **661**, 1013–1024. “On the Progenitors of Two Type II-P Supernovae in the Virgo Cluster.”
- \*507) T. R. Lauer, *et al.* [14 authors] (2007). *Astrophys. Jour.*, **662**, 808–834. “The Masses of Nuclear Black Holes in Luminous Elliptical Galaxies and Implications for the Space Density of the Most Massive Black Holes.”

- \*508) T. R. Lauer, *et al.* [12 authors] (2007). *Astrophys. Jour.*, **664**, 226–256. “The Centers of Early-Type Galaxies with *Hubble Space Telescope*. VI. Bimodal Central Surface Brightness Profiles”
- \*509) W. P. S. Meikle, *et al.* [13 authors] (2007). *Astrophys. Jour.*, **665**, 608–617. “A Spitzer Space Telescope Study of SN 2003gd: Still No Direct Evidence that Core-Collapse Supernovae are Major Dust Factories.”
- 510) K. Sharon, *et al.* (2007). In *The Multicoloured Landscape of Compact Objects and Their Explosive Origins* (Proceedings of AIP Conference 924), ed. T. Di Salvo, *et al.* (New York: American Institute of Physics), 460–463. “Survey for Supernovae in Massive High-Redshift Clusters.”
- \*511) G. C. Bower, D. Saul, J. S. Bloom, A. Bolatto, A. V. Filippenko, R. J. Foley, and D. Perley (2007). *Astrophys. Jour.*, **666**, 346–360. “SubmilliJansky Transients in Archival Radio Observations.”
- \*512) G. Miknaitis, *et al.* (2007). *Astrophys. Jour.*, **666**, 674–693. “The ESSENCE Supernova Survey: Survey Optimization, Observations, and Supernova Photometry.”
- \*513) W. M. Wood-Vasey, *et al.* (2007). *Astrophys. Jour.*, **666**, 694–715. “Observational Constraints on the Nature of the Dark Energy: First Cosmological Results from the ESSENCE Supernova Survey.”
- \*514) T. M. Davis, *et al.* (2007). *Astrophys. Jour.*, **666**, 716–725. “Scrutinizing Exotic Cosmological Models Using ESSENCE Supernova Data Combined with Other Cosmological Probes.”
- \*515) N. Smith, W. Li, R. J. Foley, J. C. Wheeler, D. Pooley, R. Chornock, A. V. Filippenko, J. M. Silverman, R. Quimby, J. S. Bloom, and C. Hansen (2007). *Astrophys. Jour.*, **666**, 1116–1128. “SN 2006gy: Discovery of the Most Luminous Supernova Ever Recorded, Powered by the Death of an Extremely Massive Star Like Eta Carinae.”
- \*516) R. Margutti, *et al.* (2007). *Astron. Astrophys.*, **474**, 815–826. “The Host Galaxy of GRB 031203: A New Spectroscopic Study.”
- \*517) P. A. Mazzali, *et al.* (2007). *Astrophys. Jour.*, **670**, 592–599. “The Aspherical Properties of the Energetic Type Ic SN 2002ap as Inferred from its Nebular Spectra.”
- \*518) K. Gebhardt, *et al.* (2007). *Astrophys. Jour.*, **671**, 1321–1328. “The Black Hole Mass and Extreme Orbital Structure in NGC 1399.”
- \*519) J. D. Simon, *et al.* (2007). *Astrophys. Jour. (Letters)*, **671**, L25–L28. “Constraints on Circumstellar Material around the Type Ia Supernova 2007af.”
- \*520) D. Poznanski, *et al.* [15 authors] (2007). *Mon. Not. Royal Astron. Soc.*, **382**, 1169–1186. “Supernovae in the Subaru Deep Field: An Initial Sample and Type Ia Rate out to Redshift 1.6.”
- 521) A. V. Filippenko (2008). In “State of the Universe 2008,” ed. M. Ratcliffe (Praxis Publishing Ltd, UK), 170–182 “Chasing a Runaway Universe... Dark Energy and the Accelerating Universe.”
- \*522) J. A. Frieman, *et al.* (2008). *Astron. Jour.*, **135**, 338–347. “The Sloan Digital Sky Survey-II Supernova Survey: Technical Summary.”
- \*523) D. A. Perley, *et al.* (2008). *Astrophys. Jour.*, **672**, 449–464. “The Troublesome Broadband Evolution of GRB 061126: Does a Grey Burst Imply Grey Dust?”
- \*524) D. S. Wong, R. Chornock, and A. V. Filippenko (2008). *Publ. Astron. Soc. Pacific*, **120**, 266–274. “Keck Spectroscopy of *ROSAT* Ultraluminous X-Ray Source Candidates.”
- \*525) S. Immler, *et al.* (2008). *Astrophys. Jour. (Letters)*, **674**, L85–L88. “Swift and Chandra Detections of Supernova 2006jc: Evidence for Interaction of the Supernova Shock with a Circumstellar Shell
- \*526) S. Valenti, *et al.* (2008). *Mon. Not. Royal Astron. Soc.*, **383**, 1485–1500. “The Broad-Lined Type Ic Supernova 2003jd.”
- \*527) P. Elebert, P. J. Callanan, A. V. Filippenko, P. M. Garnavich, G. Mackie, J. M. Hill, and V. Burwitz (2008). *Mon. Not. Royal Astron. Soc.*, **383**, 1581–1587. “Optical Photometry and Spectroscopy of the Accretion-Powered Millisecond Pulsar HETE J1900.1–2455.”

- \*528) N. Elias-Rosa, *et al.* (2008). *Mon. Not. Royal Astron. Soc.*, **384**, 107–122. “SN 2002cv: A Heavily Obscured Type Ia Supernova.”
- \*529) K. Maeda, *et al.* (2008). *Science*, **319**, 1220–1223. “Asphericity in Supernova Explosions from Late-Time Spectroscopy.”
- \*530) X. Wang, *et al.* (2008). *Astrophys. Jour.*, **675**, 626–643. “Optical and Near-Infrared Observations of the Highly Reddened, Rapidly Expanding Type Ia Supernova 2006X in M100.”
- \*531) A. Clocchiatti, *et al.* (2008). *Publ. Astron. Soc. Pacific*, **865**, 290–300. “Late-Time HST Photometry of SN 1994I: Hints of Positron Annihilation Energy Deposition.”
- \*532) X. Wang, W. Li, A. V. Filippenko, R. J. Foley, N. Smith, and L. Wang (2008). *Astrophys. Jour.*, **677**, 1060–1068. “The Detection of a Light Echo from the Type Ia Supernova 2006X in M100.”
- \*533) J. M. Silverman and A. V. Filippenko (2008). *Astrophys. Jour. (Letters)*, **678**, L17–L20. “On IC 10 X-1, the Most Massive Known Stellar-Mass Black Hole.”
- \*534) C. Zheng, *et al.* (2008). *Astron. Jour.*, **135**, 1766–1784. “First-Year Spectroscopy for the Sloan Digital Sky Survey-II Supernova Survey.”
- \*535) J. I. González Hernández, R. Rebolo, G. Israelian, A. V. Filippenko, R. Chornock, N. Tominaga, H. Umeda, and K. Nomoto (2008). *Astrophys. Jour.*, **679**, 732–745. “Chemical Abundances of the Secondary Star in the Black Hole X-ray Binary XTE J1118+480.”
- \*536) A. Gal-Yam, D. Maoz, P. Guhathakurta, and A. V. Filippenko (2008). *Astrophys. Jour.*, **650**, 550–567. “Supernovae in Low-Redshift Galaxy Clusters: Observations by the Wise Observatory Optical Transient Search (WOOTS).”
- \*537) N. Smith, R. J. Foley, and A. V. Filippenko (2008). *Astrophys. Jour.*, **680**, 568–579. “Dust Formation and He II  $\lambda$ 4686 Emission in the Dense Shell of the Peculiar Type Ib Supernova 2006jc.”
- \*538) A. C. Becker, *et al.* (2008). *Astrophys. Jour. (Letters)*, **682**, L53–L56. “Exploring the Outer Solar System with the ESSENCE Supernova Survey.”
- \*539) S. Covino, *et al.* (2008). *Mon. Not. Royal Astron. Soc.*, **388**, 347–356. “The Complex Light Curve of the Afterglow of GRB 071010A.”
- \*540) S. Blondin, *et al.* (2008). *Astrophys. Jour.*, **682**, 724–736. “Time Dilation in Type Ia Supernova Spectra at High Redshift.”
- \*541) R. J. Foley, *et al.* (2008). *Astrophys. Jour.*, **684**, 68–87. “Constraining Cosmic Evolution of Type Ia Supernovae.”
- \*542) A. C. Updike, *et al.* (2008). *Astrophys. Jour.*, **685**, 361–375. “The Rapidly Flaring Afterglow of the Very Bright and Energetic GRB 070125.”
- \*543) J. S. Gallagher, P. M. Garnavich, N. Caldwell, R. P. Kirshner, S. W. Jha, W. Li, M. Ganeshalingam, and A. V. Filippenko (2008). *Astrophys. Jour.*, **685**, 752–766. “Supernovae in Early-Type Galaxies: Directly Connecting Age and Metallicity with Type Ia Luminosity.”
- \*544) A. Gal-Yam, *et al.* (2008). *Astrophys. Jour. (Letters)*, **685**, L117–L120. “GALEX Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity Among Type II-P Supernovae.”
- \*545) R. J. Foley, A. V. Filippenko, and S. W. Jha (2008). *Astrophys. Jour.*, **686**, 117–126. “Luminosity Indicators in the Ultraviolet Spectra of Type Ia Supernovae.”
- \*546) N. Smith, *et al.* (2008). *Astrophys. Jour.*, **686**, 467–484. “SN 2006tf: Precursor Eruptions and the Optically Thick Regime of Extremely Luminous Type II<sub>n</sub> Supernovae.”
- \*547) N. Smith, R. J. Foley, J. S. Bloom, W. Li, A. V. Filippenko, R. Gavazzi, A. Ghez, Q. Konopacky, M. A. Malkan, P. J. Marshall, D. Pooley, T. Treu, and J.-H. Woo (2008). *Astrophys. Jour.*, **686**, 485–491. “Late-Time Observations of SN 2006gy: Still Going Strong.”
- \*548) J. L. Walsh, A. J. Barth, L. C. Ho, A. V. Filippenko, H.-W. Rix, J. C. Shields, M. Sarzi, and W. L. W. Sargent (2008). *Astronomical Jour.*, **136**, 1677–1702. “Hubble Space Telescope Spectroscopic Observations of the Narrow-Line Region in Nearby Low-Luminosity Active Galactic Nuclei.”

- \*549) R. Chornock and A. V. Filippenko (2008). *Astron. Jour.*, **136**, 2227–2237. “Deviations from Axisymmetry Revealed by Line Polarization in the Normal Type Ia SN 2004S.”
- \*550) D. A. Perley, *et al.* (2008). *Astrophys. Jour.*, **688**, 470–490. “GRB 071003: Broadband Follow-up Observations of a Very Bright Gamma-Ray Burst in a Galactic Halo.”
- \*551) J. L. Hoffman, D. C. Leonard, R. Chornock, A. V. Filippenko, A. J. Barth, and T. Matheson (2008). *Astrophys. Jour.*, **688**, 1186–1209. “The Dual-Axis Circumstellar Environment of the Type II<sub>n</sub> Supernova 1997eg.”
- \*552) D. N. Sauer, P. A. Mazzali, S. Blondin, M. Stehle, S. Benetti, P. Challis, A. V. Filippenko, R. P. Kirshner, W. Li, and T. Matheson (2008). *Mon. Not. Royal Astron. Soc.*, **391**, 1605–1618. “Properties of the Ultraviolet Flux of Type Ia Supernovae: An Analysis with Synthetic Spectra of SN 2001ep and SN 2001eh.”
- \*553) M. C. Bentz, *et al.* (2008). *Astrophys. Jour. (Letters)*, **689**, L21–L24. “First Results from the Lick AGN Monitoring Project: The Mass of the Black Hole in Arp 151.”
- \*554) A. A. Miller, R. Chornock, D. A. Perley, M. Ganeshalingam, W. Li, N. R. Butler, J. S. Bloom, N. Smith, M. Modjaz, D. Poznanski, A. V. Filippenko, C. V. Griffith, J. H. Shiode, and J. M. Silverman (2009). *Astrophys. Jour.*, **690**, 1303–1312. “The Exceptionally Luminous Type II-Linear Supernova 2008es.”
- \*555) K. Maeda, K. Kawabata, W. Li, M. Tanaka, P. A. Mazzali, T. Hattori, K. Nomoto, and A. V. Filippenko (2009). *Astrophys. Jour.*, **690**, 1745–1752. “Subaru and Keck Observations of the Peculiar Type Ia Supernova 2006gz at Late Phases.”
- \*556) J. I. González Hernández, P. Ruiz-Lapuente, A. V. Filippenko, R. J. Foley, A. Gal-Yam, and J. D. Simon (2009). *Astrophys. Jour.*, **691**, 1–15. “The Chemical Abundances of Tycho G in Supernova Remnant 1572.”
- \*557) J. Prochaska, *et al.* (2009). *Astrophys. Jour. (Letters)*, **691**, L27–L32. “First Detection of Molecular Gas in a GRB Host Galaxy.”
- \*558) J. Bloom, *et al.* (2009). *Astrophys. Jour.*, **691**, 723–737. “Observations of the Naked-Eye GRB 080319B: Implications of Nature’s Brightest Explosion.”
- \*559) C. Siopis, *et al.* (2009). *Astrophys. Jour.*, **693**, 946–969. “A Stellar Dynamical Measurement of the Black Hole Mass in the Maser Galaxy NGC 4258.”
- \*560) R. J. Foley, *et al.* (2009). *Astron. Jour.*, **137**, 3731–3742. “Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First Four Years.”
- \*561) D. Poznanski, *et al.* (2009). *Astrophys. Jour.*, **694**, 1067–1079. “Improved Standardization of Type II-P Supernovae: Application to an Expanded Sample.”
- \*562) J. Vinko, *et al.* (2009). *Astrophys. Jour.*, **695**, 619–635. “The Young, Massive, Star Cluster Sandage-96 After the Explosion of Supernova 2004dj in NGC 2403.”
- \*563) N. Smith, J. M. Silverman, R. Chornock, A. V. Filippenko, X. Wang, W. Li, M. Ganeshalingam, R. J. Foley, J. Rex, and T. N. Steele (2009). *Astrophys. Jour.*, **695**, 1334–1350. “Coronal Lines and Dust Formation in SN 2005ip: Not the Brightest, but the Hottest Type II<sub>n</sub> Supernova.”
- \*564) K. Gültekin, *et al.* (2009). *Astrophys. Jour.*, **695**, 1577–1590. “A Quintet of Black Hole Mass Determinations.”
- \*565) M. I. Jones, M. Hamuy, P. Lira, J. Maza, A. Clocchiatti, M. Phillips, N. Morrell, M. Roth, N. B. Suntzeff, T. Matheson, A. V. Filippenko, R. J. Foley, and D. C. Leonard (2009). *Astrophys. Jour.*, **696**, 1176–1194. “Distance Determination to 12 Type II Supernovae Using the Expanding Photosphere Method.”
- \*566) D. Perley, *et al.* (2009). *Astrophys. Jour.*, **696**, 1871–1885. “GRB 080503: Implications of a Naked Short Gamma-Ray Burst Dominated by Extended Emission.”
- \*567) X. Wang, *et al.* (2009). *Astrophys. Jour.*, **697**, 380–408. “The Golden Standard Type Ia Supernova 2005cf: Observations from the Ultraviolet to the Near-Infrared Wavebands.”
- \*568) N. Smith, M. Ganeshalingam, R. Chornock, A. V. Filippenko, W. Li, J. M. Silverman, T. N. Steele, C. V. Griffith, N. Joubert, N. Y. Lee, T. B. Lowe, M. P. Mobberley, and D. M. Winslow

- (2009). *Astrophys. Jour. (Letters)*, **697**, L49–L53. “SN 2008S: A Cool Super-Eddington Wind in a Supernova Impostor.”
- \*569) K. Gültekin, *et al.* (2009). *Astrophys. Jour.*, **698**, 198–221. “The M- $\sigma$  and M-L Relations in Galactic Bulges, and Determinations of Their Intrinsic Scatter.”
- \*570) A. Melandri, *et al.* (2009). *Mon. Not. Royal Astron. Soc.*, **395**, 1941–1949. “Evidence for Energy Injection and a Fine-Tuned Central Engine at Optical Wavelengths in GRB 070419A.”
- \*571) L. C. Ho, J. E. Greene, A. V. Filippenko, and W. L. W. Sargent (2009). *Astrophys. Jour. Suppl. Ser.*, **183**, 1–16. “A Search for ‘Dwarf’ Seyfert Nuclei. VII. A Catalog of Central Stellar Velocity Dispersions of Nearby Galaxies.”
- \*572) A. G. Riess, L. Macri, W. Li, H. Lampeitl, S. Casertano, H. C. Ferguson, A. V. Filippenko, S. W. Jha, R. Chornock, L. Greenhill, M. Mutchler, and M. Ganeshalingam (2009). *Astrophys. Jour. Suppl. Ser.*, **183**, 109–141. “Cepheid Calibrations of Modern Type Ia Supernovae: Implications for the Hubble Constant.”
- \*573) A. G. Riess, L. Macri, S. Casertano, M. Sosey, H. Lampeitl, H. C. Ferguson, A. V. Filippenko, S. W. Jha, W. Li, R. Chornock, and D. Sarkar (2009). *Astrophys. Jour.*, **699**, 539–563. “A Redetermination of the Hubble Constant with the Hubble Space Telescope from a Differential Distance Ladder.”
- \*574) J. M. Silverman, P. Mazzali, R. Chornock, A. V. Filippenko, A. Clocchiatti, M. M. Phillips, M. Ganeshalingam, and R. J. Foley (2009). *Pub. Astron. Soc. Pacific*, **121**, 689–698. “Optical Spectroscopy of the Somewhat Peculiar Type IIb Supernova 2001ig.”
- \*575) X. Wang, A. V. Filippenko, M. Ganeshalingam, W. Li, J. M. Silverman, L. Wang, R. Chornock, R. J. Foley, E. L. Gates, B. Macomber, F. J. D. Serduke, T. N. Steele, and D. S. Wong (2009). *Astrophys. Jour. (Letters)*, **699**, L139–L143. “Improved Distances to Type Ia Supernovae with Two Spectroscopic Subclasses.”
- \*576) R. J. Foley, *et al.* (2009). *Astron. Jour.*, **138**, 376–391. “SN 2008ha: An Extremely Low Luminosity and Extremely Low Energy Supernova.”
- \*577) M. Modjaz, *et al.* (2009). *Astrophys. Jour.*, **702**, 226–248. “From Shock Breakout to Peak and Beyond: Extensive Panchromatic Observations of the Aspherical Type Ib Supernova 2008D Associated with Swift X-ray Transient 080109.”
- \*578) J. D. Simon, *et al.* (2009). *Astrophys. Jour.*, **702**, 1157–1170. “Variable Sodium Absorption in a Low-Extinction Type Ia Supernova.”
- \*579) D. E. Calvelo, S. D. Vrtilik, D. Steeghs, M. A. P. Torres, J. Neilsen, A. V. Filippenko, and J. I. González Hernández (2009). *Mon. Not. Royal Astron. Soc.*, **399**, 539–549. “Doppler and Modulation Tomography of XTE J1118+480 in Quiescence.”
- \*580) J. Sollerman, *et al.* (2009). *Astrophys. Jour.*, **703**, 1374–1385. “First-Year Sloan Digital Sky Survey-II (SDSS-II) Supernova Results: Constraints on Nonstandard Cosmological Models.”
- \*581) M. Hamuy, *et al.* (2009). *Astrophys. Jour.*, **703**, 1612–1623. “Supernova 2003bg: The First Type IIb Hypernova.”
- \*582) R. Kotak, *et al.* (2009). *Astrophys. Jour.*, **704**, 306–323. “Dust and the Type II-Plateau Supernova 2004et.”
- \*583) G. Leloudas, *et al.* (2009). *Astron. Astrophys.*, **505**, 265–279. “The Normal Type Ia SN 2003hv Out to Very Late Phases.”
- \*584) R. Kessler, *et al.* (2009). *Astrophys. Jour. Suppl. Ser.*, **185**, 32–84. “First-Year Sloan Digital Sky Survey-II Supernova Results: Hubble Diagram and Cosmological Parameters.”
- \*585) M. C. Bentz, *et al.* (2009). *Astrophys. Jour.*, **705**, 199–213. “The Lick AGN Monitoring Project: Broad-Line Region Radii and Black Hole Masses from Reverberation Mapping of H $\beta$ .”
- \*586) J. L. Walsh, *et al.* (2009). *Astrophys. Jour. Suppl. Ser.*, **185**, 156–170. “The Lick AGN Monitoring Project: Photometric Light Curves and Optical Variability Characteristics.”
- \*587) N. Elias-Rosa, S. D. Van Dyk, W. Li, N. Morrell, S. Gonzalez, M. Hamuy, A. V. Filippenko, J.-C. Cuillandre, R. J. Foley, and N. Smith (2009). *Astrophys. Jour.*, **706**, 1174–1183 [*Erratum: 711*, 1343 (2010)]. “On the Progenitor of the Type II-Plateau SN 2008cn in NGC 4603.”



- \*588) A. Rau, *et al.* (2009). *Pub. Astron. Soc. Pacific*, **121**, 1334–1351. “Exploring the Optical Transient Sky with the Palomar Transient Factory.”
- \*589) N. Law, *et al.* (2009). *Pub. Astron. Soc. Pacific*, **121**, 1395–1408. “The Palomar Transient Factory: System Overview, Performance, and First Results.”
- \*590) A. Gal-Yam, *et al.* (2009). *Nature*, **462**, 624–627. “Supernova 2007bi as a Pair-Instability Explosion.”
- 591) A. V. Filippenko (2009). In “Small Telescopes and Astronomical Research,” ed. R. M. Genet, J. M. Johnson, and V. Wallen (Santa Margarita, CA: Collins Foundation Press), 9–12. “Foreword.”
- \*592) D. Poznanski, *et al.* (2010). *Science*, **327**, 58–60. “An Unusually Fast-Evolving Supernova.”
- \*593) G. Folatelli, *et al.* (2010). *Astron. Jour.*, **139**, 120–144. “The Carnegie Supernova Project: Analysis of the First Sample of Low-Redshift Type-Ia Supernovae.”
- \*594) R. J. Foley, G. Narayan, P. J. Challis, A. V. Filippenko, R. P. Kirshner, J. M. Silverman, and T. N. Steele (2010). *Astrophys. Jour.*, **708**, 1748–1759. “SN 2006bt: A Perplexing, Troublesome, and Possibly Misleading Type Ia Supernova.”
- \*595) R. Chornock, J. S. Bloom, S. B. Cenko, A. V. Filippenko, J. M. Silverman, M. D. Hicks, K. J. Lawrence, A. J. Mendez, M. Rafelski, and A. M. Wolfe (2010). *Astrophys. Jour. (Letters)*, **709**, L39–L43. “The Quasar SDSS J1536+0441: An Unusual Double-Peaked Emitter.”
- \*596) E. M. Levesque, *et al.* (2010). *Mon. Not. Royal Astron. Soc.*, **401**, 963–972. “GRB 090426: The Environment of a Rest-Frame 0.35-s Gamma-Ray Burst at a Redshift of 2.609.”
- \*597) T. Zhang, *et al.* (2010). *Publ. Astron. Soc. Pacific*, **122**, 1–11. “Optical Observations of the Rapidly Expanding Type Ia Supernova 2007gi.”
- \*598) H. Lampeitl, *et al.* (2010). *Mon. Not. Royal Astron. Soc.*, **401**, 2331–2342. “First-Year Sloan Digital Sky Survey-II (SDSS-II) Supernova Results: Consistency and Constraints with Other Intermediate-Redshift Data Sets.”
- \*599) C. Contreras, *et al.* (2010). *Astron. Jour.*, **139**, 519–539. “The Carnegie Supernova Project: First Photometry Data Release of Type Ia Supernovae.”
- \*600) N. Smith, R. Chornock, J. M. Silverman, A. V. Filippenko, and R. J. Foley (2010). *Astrophys. Jour.*, **709**, 856–883. “Spectral Evolution of the Extraordinary Type IIn Supernova 2006gy.”
- \*601) I. Maurer, P. A. Mazzali, J. Deng, A. V. Filippenko, M. Hamuy, R. P. Kirshner, T. Matheson, M. Modjaz, E. Pian, M. Stritzinger, S. Taubenberger, and S. Valenti (2010). *Mon. Not. Royal Astron. Soc.*, **402**, 161–172. “Characteristic Velocities of Stripped-Envelope Core-Collapse Supernova Cores.”
- \*602) S. B. Cenko, *et al.* (2010). *Astrophys. Jour.*, **711**, 641–654 (2010). “The Collimation and Energetics of the Brightest Swift Gamma-Ray Bursts.”
- \*603) B. Dilday, *et al.* (2010). *Astrophys. Jour.*, **713**, 1026–1036. “Measurements of the Rate of Type Ia Supernovae at Redshift  $\lesssim 0.3$  from the Sloan Digital Sky Survey II Supernova Survey.”
- \*604) R. Chornock, A. V. Filippenko, W. Li, and J. M. Silverman (2010). *Astrophys. Jour.*, **713**, 1363–1375. “Large Late-Time Asphericities in Three Type IIP Supernovae.”
- \*605) N. Smith, *et al.* (2010). *Astron. Jour.*, **139**, 1451–1467. “Discovery of Precursor LBV Outbursts in Two Recent Optical Transients: The Fitfully Variable Missing Links UGC 2773-OT and SN 2009ip.”
- \*606) A. A. Miller, J. M. Silverman, N. R. Butler, J. S. Bloom, R. Chornock, A. V. Filippenko, M. Ganeshalingam, Klein, C. R., W. Li, P. E. Nugent, N. Smith, and T. N. Steele (2010). *Mon. Not. Royal Astron. Soc.*, **404**, 305–317. “SN 2008iy: An Unusual Type IIn Supernova with an Enduring 400 Day Rise Time.”
- \*607) N. Elias-Rosa, S. D. Van Dyk, W. Li, A. A. Miller, J. M. Silverman, M. Ganeshalingam, A. F. Boden, M. M. Kasliwal, J. Vinko, J.-C. Cuillandre, A. V. Filippenko, T. N. Steele, J. S. Bloom, C. V. Griffith, I. K. W. Kleiser, and R. J. Foley (2010). *Astrophys. Jour. (Letters)*, **714**, L254–L259. “The Massive Progenitor of the Type II-Linear Supernova 2009kr.”

- \*608) H. B. Perets, *et al.* (2010). *Nature*, **465**, 322–325. “A Faint Type of Supernova from a White Dwarf with a Helium-Rich Companion.”
- \*609) A. A. Miller, N. Smith, W. Li, J. S. Bloom, R. Chornock, A. V. Filippenko, and J. X. Prochaska (2010). *Astron. Jour.*, **139**, 2218–2229. “New Observations of the Very Luminous Supernova 2006gy: Evidence for Echoes.”
- \*610) F. Olivares, *et al.* (2010). *Astrophys. Jour.*, **715**, 833–853. “The Standardized Candle Method for Type II-Plateau Supernovae.”
- \*611) J.-H. Woo, *et al.* (2010). *Astrophys. Jour.*, **716**, 269–280. “The Lick AGN Monitoring Project: The  $M_{\text{BH}}-\sigma$  Relation For Reverberation-Mapped Active Galaxies.”
- \*612) M. C. Bentz, *et al.* (2010). *Astrophys. Jour.*, **716**, 993–1011. “The Lick AGN Monitoring Project: Reverberation Mapping of Optical Hydrogen and Helium Recombination Lines.”
- \*613) S. B. Cenko, *et al.* (2010). *Astron. Jour.*, **140**, 224–234. “Unveiling the Origin of GRB 090709A: Lack of Periodicity in a Reddened Cosmological Long-Duration Gamma-Ray Burst.”
- \*614) B. E. Cobb, J. S. Bloom, D. A. Perley, A. N. Morgan, S. B. Cenko, and A. V. Filippenko (2010). *Astrophys. Jour. (Letters)*, **718**, L150–L155. “Discovery of SN 2009nz Associated with GRB 091127.”
- \*615) K. Sharon, *et al.* (2010). *Astrophys. Jour.*, **718**, 876–893. “The Type Ia Supernova Rate in Redshift 0.5–0.9 Galaxy Clusters.”
- \*616) M. C. Bentz, *et al.* (2010). *Astrophys. Jour. (Letters)*, **720**, L46–L51. “The Lick AGN Monitoring Project: Velocity-Delay Maps from the Maximum Entropy Method for Arp 151.”
- \*617) C. M. McClelland, *et al.* (2010). *Astrophys. Jour.*, **720**, 704–716. “The Subluminous Supernova 2007qd: A Missing Link in Thermonuclear Deflagration?”
- \*618) I. Arcavi, *et al.* (2010). *Astrophys. Jour.*, **721**, 777–784. “Core-Collapse Supernovae from the Palomar Transient Factory: Indications for a Different Population in Dwarf Galaxies.”
- \*619) D. Poznanski, P. E. Nugent, and A. V. Filippenko (2010). *Astrophys. Jour.*, **721**, 956–959. “Type II-P Supernovae as Standard Candles: The SDSS-II Sample Revisited.”
- \*620) P. J. Brown, *et al.* (2010). *Astrophys. Jour.*, **721**, 1608–1626. “The Absolute Magnitudes of Type Ia Supernovae in the Ultraviolet.”
- \*621) P. A. Milne, *et al.* (2010). *Astrophys. Jour.*, **721**, 1627–1655. “Near-Ultraviolet Properties of a Large Sample of Type Ia Supernovae as Observed with the Swift UVOT.”
- \*622) M. Ganeshalingam, *et al.* (2010). *Astrophys. Jour. Suppl. Ser.*, **190**, 418–448. “Results of the Lick Observatory Supernova Search Photometry Program: *BVRI* Light Curves of 165 Type Ia Supernovae.”
- \*623) J. E. Greene, *et al.* (2010). *Astrophys. Jour.*, **723**, 409–416. “The Lick AGN Monitoring Project: Alternate Routes to a Broad-Line Region Radius.”
- \*624) E. Ofek, *et al.* (2010). *Astrophys. Jour.*, **724**, 1396–1401. “Supernova PTF 09uj: A Possible Shock Breakout from a Dense Circumstellar Wind.”
- \*625) J. M. Silverman, M. Ganeshalingam, W. Li, A. V. Filippenko, A. A. Miller, and D. Poznanski (2011). *Mon. Not. Royal Astron. Soc.*, **410**, 585–611. “Fourteen Months of Observations of the Possible Super-Chandrasekhar Mass Type Ia Supernova 2009dc.”
- \*626) K. R. Covey, *et al.* (2011). *Astron. Jour.*, **141**, 40. “PTF 10nvg: An Outbursting Class I Protostar in the Pelican/North American Nebula.”
- \*627) D. Perley, *et al.* (2011). *Astron. Jour.*, **141**, 36. “Monster in the Dark: The Ultraluminous GRB 080607 and its Dusty Environment.”
- \*628) J. Leaman, W. Li, R. Chornock, and A. V. Filippenko (2011). *Mon. Not. Royal Astron. Soc.*, **412**, 1419–1440. “Nearby Supernova Rates from the Lick Observatory Supernova Search. I. The Methods and Database.”
- \*629) W. Li, J. Leaman, R. Chornock, A. V. Filippenko, D. Poznanski, M. Ganeshalingam, X. Wang, M. Modjaz, S. Jha, R. J. Foley, and N. Smith (2011). *Mon. Not. Royal Astron. Soc.*, **412**,

- 1441–1472. “Nearby Supernova Rates from the Lick Observatory Supernova Search. II. The Observed Luminosity Functions and Fractions of Supernovae in a Complete Sample.”
- \*630) W. Li, R. Chornock, J. Leaman, A. V. Filippenko, D. Poznanski, X. Wang, M. Ganeshalingam, and F. Mannucci (2011). *Mon. Not. Royal Astron. Soc.*, **412**, 1473–1507. “Nearby Supernova Rates from the Lick Observatory Supernova Search. III. The Rate-Size Relation, and the Rates as a Function of Galaxy Hubble Type and Colour.”
  - \*631) D. Maoz, *et al.* (2011). *Mon. Not. Royal Astron. Soc.*, **412**, 1508–1521. “The Supernova Delay Function: Recovery Method and Application to the Lick Observatory Supernova Search.”
  - \*632) N. Smith, W. Li, A. V. Filippenko, and R. Chornock (2011). *Mon. Not. Royal Astron. Soc.*, **412**, 1522–1538. “Observed Fractions of Core-Collapse Supernova Types and Initial Masses of their Single and Binary Progenitor Stars.”
  - \*633) A. A. Miller, *et al.* (2011). *Astrophys. Jour.*, **730**, 80. “Evidence for an FU Orionis-like Outburst from a Classical T Tauri Star.”
  - \*634) A. G. Riess, *et al.* (2011). *Astrophys. Jour.*, **730**, 119. [Errata: **732**, 129 (2011); **752**, 76 (2012).] “A 3% Solution: Determination of the Hubble Constant with the Hubble Space Telescope and Wide Field Camera 3.”
  - \*635) M. M. Kasliwal, *et al.* (2011). *Astrophys. Jour.*, **730**, 134. “PTF 10fqj: A Luminous Red Nova in the Spiral Galaxy Messier 99.”
  - \*636) M. Modjaz, L. Kewley, J. S. Bloom, A. V. Filippenko, D. Perley, and J. M. Silverman (2011). *Astrophys. Jour. (Letters)*, **731**, L4. “Progenitor Diagnostics for Stripped Core-Collapse Supernovae: Measured Metallicities at Explosion Sites.”
  - \*637) A. Rest, *et al.* (2011). *Astrophys. Jour.*, **732**, 3. “Direct Confirmation of the Asymmetry of the Cas A Supernova Explosion with Light Echoes.”
  - \*638) S. B. Cenko, *et al.* (2011). *Astrophys. Jour.*, **732**, 29. “Afterglow Observations of Fermi-LAT Gamma-Ray Bursts and the Emerging Class of Hyper-Energetic Events.”
  - \*639) N. Smith, W. Li, A. A. Miller, J. M. Silverman, A. V. Filippenko, J.-C. Cuillandre, M. C. Cooper, T. Matheson, and S. D. Van Dyk (2011). *Astrophys. Jour.*, **732**, 63. “A Massive Progenitor of the Luminous Type II<sub>n</sub> Supernova 2010jl.”
  - \*640) W. P. S. Meikle, *et al.* (2011). *Astrophys. Jour.*, **732**, 109. “Dust and the Type II-Plateau Supernova 2004dj.”
  - \*641) A. J. Barth, *et al.* (2011). *Astrophys. Jour.*, **732**, 121. “Broad-Line Reverberation in the Kepler-Field Seyfert Galaxy Zw 229-015.”
  - \*642) B. Brewer, *et al.* (2011). *Astrophys. Jour. (Letters)*, **733**, L33 (6 pages). “The Mass of the Black Hole in Arp 151 from Bayesian Modeling of Reverberation Mapping Data.”
  - \*643) A. W. Shafter, *et al.* (2011). *Astrophys. Jour.*, **734**, 12 (28 pages). “A Spectroscopic and Photometric Survey of Novae in M31.”
  - \*644) I. K. W. Kleiser, *et al.* (2011). *Mon. Not. Royal Astron. Soc.*, **415**, 372–382. “Peculiar Type II Supernovae from Blue Supergiants.”
  - \*645) N. Smith, W. Li, J. M. Silverman, M. Ganeshalingam, and A. V. Filippenko (2011). *Mon. Not. Royal Astron. Soc.*, **415**, 773–810. “Luminous Blue Variable Eruptions and Related Transients: Diversity of Progenitors and Outburst Properties.”
  - \*646) D. Poznanski, M. Ganeshalingam, J. M. Silverman, and A. V. Filippenko (2011). *Mon. Not. Royal Astron. Soc.*, **415**, L81–L84. “Low-Resolution Sodium D Absorption is a Bad Proxy for Extinction.”
  - \*647) A. Gal-Yam, *et al.* (2011). *Astrophys. Jour.*, **736**, 159. “Real-Time Detection and Rapid Multiwavelength Follow-up Observations of a Highly Subluminous Type II-P Supernova from the Palomar Transient Factory Survey.”
  - \*648) A. Sternberg, *et al.* (2011). *Science*, **333**, 856–859. “Circumstellar Material in Type Ia Supernovae via Sodium Absorption Features.”

- \*649) K. Krisciunas, *et al.* (2011). *Astron. Jour.*, **142**, 74. “The Most Slowly Declining Type Ia Supernova 2001ay.”
- \*650) J. I. González Hernández, *et al.* (2011). *Astrophys. Jour.*, **738**, 95. “Chemical Abundances of the Secondary Star in the Black Hole X-ray Binary V404 Cygni.”
- \*651) R. Chornock, *et al.* (2011). *Astrophys. Jour.*, **739**, 41. “The Transitional Stripped-Envelope SN 2008ax: Spectral Evolution and Evidence for Large Asphericity.”
- \*652) M. Ganeshalingam, W. Li, and A. V. Filippenko (2011). *Mon. Not. Royal Astron. Soc.*, **416**, 2607–2622. “The Rise-Time Distribution of Nearby Type Ia Supernovae.”
- \*653) O. Graur, *et al.* (2011). *Mon. Not. Royal Astron. Soc.*, **417**, 916–940. “Supernovae in the Subaru Deep Field: the Rate and Delay-Time Distribution of Type Ia Supernovae out to Redshift 2.”
- \*654) M. Stritzinger, *et al.* (2011). *Astrophys. Jour.*, **142**, 156. “The Carnegie Supernova Project: Second Photometry Data Release of Low-Redshift Type Ia Supernovae.”
- \*655) C. Guidorzi, *et al.* (2011). *Mon. Not. Royal Astron. Soc.*, **417**, 2124–2143. “A Faint Optical Flash in Dust-Obscured GRB 080603A: Implications for GRB Prompt Emission Mechanisms.”
- \*656) O. D. Fox, *et al.* (2011). *Astrophys. Jour.*, **741**, 7. “A Spitzer Survey for Dust in Type II<sub>n</sub> Supernovae.”
- \*657) S. D. Van Dyk, *et al.* (2011). *Astrophys. Jour. (Letters)*, **741**, L28. “The Progenitor of Supernova 2011dh/PTF11eon in Messier 51.”
- \*658) N. Elias-Rosa, *et al.* (2011). *Astrophys. Jour.*, **742**, 6. “The Massive Progenitor of the Possible Type II-Linear Supernova 2009hd in Messier 66.”
- \*659) I. Arcavi, *et al.* (2011). *Astrophys. Jour. (Letters)*, **742**, L18. “SN 2011dh: Discovery of a Type II<sub>b</sub> Supernova from a Compact Progenitor in the Nearby Galaxy M51.”
- \*660) A. J. Barth, *et al.* (2011). *Astrophys. Jour. (Letters)*, **743**, L4. “The Lick AGN Monitoring Project 2011: Reverberation Mapping of Markarian 50.”
- \*661) N. Smith, R. D. Gehrz, R. Campbell, M. Kassis, D. Le Mignant, K. Kuluhiwa, and A. V. Filippenko (2011). *Mon. Not. Royal Astron. Soc.*, **418**, 1959–1972. “Episodic Mass Loss in Binary Evolution to the Wolf-Rayet Phase: Keck and HST Proper Motions of RY Scuti’s Nebula.”
- \*662) N. A. Grogin, *et al.* (2011). *Astrophys. Jour. Suppl. Ser.*, **197**, 35. “CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey.”
- \*663) A. M. Koekemoer, *et al.* (2011). *Astrophys. Jour. Suppl. Ser.*, **197**, 36. “CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey – The Hubble Space Telescope Observations, Imaging Data Products, and Mosaics.”
- \*664) A. Cucchiara, *et al.* (2011). *Astrophys. Jour.*, **743**, 154. “Constraining GRB Emission Physics with Extensive Early-Time, Multiband Follow-up.”
- \*665) P. E. Nugent, *et al.* (2011). *Nature*, **480**, 344–347. “Supernova 2011fe from an Exploding Carbon-Oxygen White Dwarf Star.”
- \*666) W. Li, *et al.* (2011). *Nature*, **480**, 348–350. “Exclusion of a Luminous Red Giant as a Companion Star to the Progenitor of Supernova SN 2011fe.”
- 667) A. V. Filippenko (2012). In *The Astronomy Revolution: 400 Years of Exploring the Cosmos*, ed. D. G. York, O. Gingerich, and S.-N. Zhang (Boca Raton, FL: CRC Press/Taylor & Francis Group), 81–102. “An Overview of Supernovae, the Explosive Deaths of Stars.”
- \*668) N. Smith, J. M. Silverman, A. V. Filippenko, M. C. Cooper, T. Matheson, F. Bian, B. J. Weiner, and J. M. Comerford (2012). *Astron. Jour.*, **143**, 17. “Systematic Blueshift of Line Profiles in the Type II<sub>n</sub> Supernova 2010jl: Evidence for Post-Shock Dust Formation?”
- \*669) S. D. Van Dyk, T. J. Davidge, N. Elias-Rosa, S. Taubenberger, W. Li, S. Howerton, G. Pignata, N. Morrell, M. Hamuy, and A. V. Filippenko (2012). *Astron. Jour.*, **143**, 19. “Supernova 2008bk and Its Red Supergiant Progenitor.”

- \*670) R. J. Foley, *et al.* (2012). *Astrophys. Jour.*, **744**, 38. “Very Early Ultraviolet and Optical Observations of the Type Ia Supernova 2009ig.”
- \*671) S. A. Rodney, *et al.* (2012). *Astrophys. Jour.*, **746**, 5. “A Type Ia Supernova at Redshift 1.55 in Hubble Space Telescope Infrared Observations from CANDELS.”
- \*672) S. B. Cenko, *et al.* (2012). *Mon. Not. Royal Astron. Soc.*, **420**, 2684–2699. “PTF10iya: A Short-Lived, Luminous Flare from the Nuclear Region of a Star-Forming Galaxy.”
- \*673) A. Corsi, *et al.* (2012). *Astrophys. Jour. (Letters)*, **747**, L5 “Evidence for a Compact Wolf-Rayet Progenitor for the Type Ic Supernova PTF10vgv.”
- \*674) D. Park, *et al.* (2012). *Astrophys. Jour.*, **747**, 30. “The Lick AGN Monitoring Project: Recalibrating Single-Epoch Virial Black Hole Mass Estimates.”
- \*675) X. Wang, *et al.* (2011). *Astrophys. Jour.*, **749**, 126. “Evidence for Type Ia Supernova Diversity from Ultraviolet Observations with the Hubble Space Telescope.”
- \*676) O. M. Littlejohns, *et al.* (2012). *Mon. Not. Royal Astron. Soc.*, **421**, 2692–2712. “The Origin of the Early Time Optical Emission of Swift GRB 080310.”
- \*677) R. J. Foley, *et al.* (2012). *Astron. Jour.*, **143**, 113. “A Mismatch in the Ultraviolet Spectra between Low-Redshift and Intermediate-Redshift Type Ia Supernovae as a Possible Systematic Uncertainty for Supernova Cosmology.”
- \*678) M. Ganeshalingam, *et al.* (2012). *Astrophys. Jour.*, **751**, 142. “The Low-Velocity, Rapidly Fading Type Ia Supernova 2002es.”
- \*679) J. Parrent, *et al.* (2012). *Astrophys. Jour. (Letters)*, **752**, L26. “Analysis of the Early-time Optical Spectra of SN 2011fe in M101.”
- \*680) A. Pancoast, *et al.* (2012). *Astrophys. Jour.*, **754**, 49. “The Lick AGN Monitoring Project 2011: Dynamical Modeling of the Broad Line Region in Mrk 50.”
- \*681) F. Bufano, *et al.* (2012). *Astrophys. Jour.*, **753**, 67. “The Highly Energetic Expansion of SN 2010bh Associated with GRB 100316D.”
- \*682) S. B. Cenko, *et al.* (2012). *Astrophys. Jour.*, **753**, 77. “Swift J2058.4+0516: Discovery of a Possible Second Relativistic Tidal Disruption Flare.”
- \*683) R. J. Foley, *et al.* (2012). *Astrophys. Jour. (Letters)*, **753**, L5. “The First Maximum-Light Ultraviolet through Near-Infrared Spectrum of a Type Ia Supernova.”
- \*684) M. M. Kasliwal, *et al.* (2012). *Astrophys. Jour.*, **755**, 161. “Calcium-Rich Gap Transients in the Remote Outskirts of Galaxies.”
- \*685) B. Dilday, *et al.* (2012). *Science*, **337**, 942–945. “PTF11kx: A Type-Ia Supernova with a Symbiotic Nova Progenitor.”
- \*686) S. D. Van Dyk, *et al.* (2012). *Astrophys. Jour.*, **756**, 131. “The Red Supergiant Progenitor of Supernova 2012aw (PTF12bvh) in Messier 95.”
- \*687) J. M. Silverman, *et al.* (2012). *Mon. Not. Royal Astron. Soc.*, **425**, 1789–1818. “Berkeley Supernova Ia Program – I: Observations, Data Reduction, and Spectroscopic Sample of 582 Low-Redshift Type Ia Supernovae.”
- \*688) J. M. Silverman, J. J. Kong, and A. V. Filippenko (2012). *Mon. Not. Royal Astron. Soc.*, **425**, 1819–1888. “Berkeley Supernova Ia Program – II: Initial Analysis of Spectra Obtained Near Maximum Brightness.”
- \*689) J. M. Silverman, M. Ganeshalingam, W. Li, and A. V. Filippenko (2012). *Mon. Not. Royal Astron. Soc.*, **425**, 1889–1916. “Berkeley Supernova Ia Program – III: Spectra Near Maximum Brightness Improve the Accuracy of Derived Distances to Type Ia Supernovae.”
- \*690) J. M. Silverman and A. V. Filippenko (2012). *Mon. Not. Royal Astron. Soc.*, **425**, 1917–1933. “Berkeley Supernova Ia Program – IV: Carbon Detection in Early-Time Optical Spectra of Type Ia Supernovae.”
- \*691) J. M. Silverman, *et al.* (2012). *Astrophys. Jour. (Letters)*, **756**, L7. “The Very Young Type Ia Supernova 2012cg: Discovery and Early-Time Follow-Up Observations.”

- \*692) N. Law, *et al.* (2012). *Astrophys. Jour.*, **757**, 133. “Three New Eclipsing White-Dwarf-M-Dwarf Binaries Discovered in a Search for Transiting Planets Around M-Dwarfs.”
- \*693) D. A. Perley, M. Modjaz, A. N. Morgan, S. B. Cenko, J. S. Bloom, N. R. Butler, A. V. Filippenko, and A. A. Miller (2012). *Astrophys. Jour.*, **758**, 122. “The Luminous Infrared Host Galaxy of Short-Duration GRB 100206A.”
- \*694) A. Melandri, *et al.* (2012). *Astron. Astrophys. (Letters)*, **547**, A82. “The Optical SN 2012bz Associated with the Long GRB 120422A.”
- \*695) N. Smith, *et al.* (2012). *Mon. Not. Royal Astron. Soc.*, **426**, 1905–1915. “SN 2011hw: Helium-Rich Circumstellar Gas and the Luminous Blue Variable to Wolf-Rayet Transition in Supernova Progenitors.”
- \*696) S. Ben-Ami, *et al.* (2012). *Astrophys. Jour. (Letters)*, **760**, L33. “Discovery and Early Multi-Wavelength Measurements of the Energetic Type Ic Supernova PTF12gzk: A Massive-Star Explosion in a Dwarf Host Galaxy.”
- \*697) R. W. Romani, *et al.* (2012). *Astrophys. Jour. (Letters)*, **760**, L36. “PSR J1311-3430: A Heavyweight Neutron Star with a Flyweight Helium Companion.”
- \*698) E. Ofek, *et al.* (2013). *Astrophys. Jour.*, **763**, 42. “X-ray Emission from Supernovae in Dense Circumstellar Matter Environments: A Search for Collisionless Shocks.”
- \*699) N. Smith, *et al.* (2013). *Mon. Not. Royal Astron. Soc.*, **429**, 1324–1341. “The Ring Nebula Around the Blue Supergiant SBW1: Pre-explosion Snapshot of an SN 1987A Twin.”
- \*700) E. Ofek, *et al.* (2013). *Nature*, **494**, 65–67. “An Outburst from a Massive Star 40 days Before a Supernova Explosion.”
- \*701) L. A. Hillenbrand, *et al.* (2013). *Astron. Jour.*, **145**, 59. “Highly Variable Extinction and Accretion in the Jet-driving Class-I Type Young Star PTF 10nvg (V2492 Cyg, IRAS 20496+4354).”
- \*702) J. M. Silverman, M. Ganeshalingam, and A. V. Filippenko (2013). *Mon. Not. Royal Astron. Soc.*, **430**, 1030–1041. “Berkeley Supernova Ia Program – V: Late-Time Spectra of Type Ia Supernovae.”
- \*703) J. C. Mauerhan, *et al.* [12 authors] (2013). *Mon. Not. Royal Astron. Soc.*, **430**, 1801–1810. “The Unprecedented 2012 Outburst of SN 2009ip: A Luminous Blue Variable Star Becomes a True Supernova.”
- \*704) R. J. Foley, *et al.* [22 authors] (2013). *Astrophys. Jour.*, **767**, 57. “Type Iax Supernovae: A New Class of Stellar Explosion.”
- \*705) M. C. Bentz, *et al.* (2013). *Astrophys. Jour.*, **767**, 149. “The Low-Luminosity End of the Radius–Luminosity Relationship for Active Galactic Nuclei.”
- \*706) X. Wang, L. Wang, A. V. Filippenko, T. Zhang, and X. Zhao (2013). *Science*, **340**, 170–173. “Evidence for Two Distinct Populations of Type Ia Supernovae.”
- \*707) D. O. Jones, *et al.* (2013). *Astrophys. Jour.*, **768**, 166. “The Discovery of the Most Distant Known Type Ia Supernova at Redshift 1.914.”
- \*708) A. Furniss, *et al.* (2013). *Astrophys. Jour. (Letters)*, **768**, L31. “The Firm Redshift Lower Limit of the Most Distant TeV-detected Blazar PKS 1424+240.”
- \*709) J. C. Mauerhan, *et al.* [11 authors] (2013). *Mon. Not. Royal Astron. Soc.*, **431**, 2599–2611. “SN 2011ht: Confirming a Class of Interacting Supernovae with Plateau Light Curves (Type II<sub>n</sub>-P).”
- \*710) A. J. Barth, *et al.* (2013). *Astrophys. Jour.*, **769**, 128. “The Lick AGN Monitoring Project 2011: Fe II Reverberation from the Outer Broad-Line Region.”
- \*711) S. B. Cenko, *et al.* (2013). *Astrophys. Jour.*, **769**, 130. “Discovery of a Cosmological, Relativistic Outburst via its Rapidly Fading Optical Emission.”
- \*712) M. J. Childress, *et al.* [58 authors] (2013). *Astrophys. Jour.*, **770**, 29. “Spectroscopic Observations of SN 2012fr: A Luminous Normal Type Ia Supernova with Early High-Velocity Features and Late Velocity Plateau.”

- \*713) O. D. Fox, *et al.* [7 authors] (2013). *Astron. Jour.*, **146**, 2. “Late-Time Circumstellar Interaction in a Spitzer Selected Sample of Type II<sub>n</sub> Supernovae.”
- \*714) O. D. Fox and A. V. Filippenko (2013). *Astrophys. Jour. (Letters)*, **772**, L6. “The Late-Time Rebrightening of Type Ia SN 2005gj in the Mid-Infrared.”
- \*715) J. M. Silverman, *et al.* [34 authors] (2013). *Astrophys. Jour. Suppl. Ser.*, **207**, 3. “Type Ia Supernovae Strongly Interacting with Their Circumstellar Medium.”
- \*716) M. Ganeshalingam, W. Li, and A. V. Filippenko (2013). *Mon. Not. Royal Astron. Soc.*, **433**, 2240–2258. “Constraints on Dark Energy with the LOSS SN Ia Sample.”
- \*717) J. M. Silverman, *et al.* [9 authors] (2013). *Astrophys. Jour.*, **772**, 125. “Late-Time Spectral Observations of the Strongly Interacting Type Ia Supernova PTF11kx.”
- \*718) S. D. Van Dyk, W. Zheng, K. I. Clubb, A. V. Filippenko, S. B. Cenko, N. Smith, O. D. Fox, P. L. Kelly, I. Shivvers, and M. Ganeshalingam (2013). *Astrophys. Jour. (Letters)*, **772**, L32. “The Progenitor of Supernova 2011dh Has Vanished.”
- \*719) M. R. Drout, *et al.* [24 authors] (2013). *Astrophys. Jour.*, **774**, 58. “The Fast and Furious Decay of the Peculiar Type Ic Supernova 2005ek.”
- \*720) W. Kerzendorf, *et al.* [15 authors] (2013). *Astrophys. Jour.*, **774**, 99. “A High-Resolution Spectroscopic Search for the Remaining Donor for Tycho’s Supernova.”
- \*721) P. L. Kelly, A. V. Filippenko, O. D. Fox, W. Zheng, and K. I. Clubb (2013). *Astrophys. Jour. (Letters)*, **775**, L5. “Evidence that Gamma-ray Burst 130702A Exploded in a Dwarf Satellite of a Massive Galaxy.”
- 722) A. V. Filippenko (2013). *Mercury*, **42**, 31–38. “The Story of Comets and Comet ISON.”
- \*723) G. H. “Howie” Marion, *et al.* [16 authors] (2013). *Astrophys. Jour.*, **777**, 40. “High-Velocity Line Forming Regions in the Type Ia Supernova 2009ig.”
- \*724) W. Zheng, *et al.* [23 authors] (2013). *Astrophys. Jour. (Letters)*, **778**, L15. “The Very Young Type Ia Supernova 2013dy: Discovery, and Strong Carbon Absorption in Early-time Spectra.”
- \*725) F. J. Virgili, *et al.* [33 authors] (2013). *Astrophys. Jour.*, **778**, 54. “GRB 091024A and the Nature of Ultra-Long Gamma-Ray Bursts.”
- \*726) M. S. Shaw, A. V. Filippenko, R. W. Romani, S. B. Cenko, and W. Li (2013). *Astron. Jour.*, **146**, 127. “Photometrically Triggered Keck Spectroscopy of Fermi BL Lacertae Objects.”
- \*727) D. A. Perley, *et al.* [16 authors] (2013). *Astrophys. Jour.*, **778**, 128. “A Population of Massive, Luminous Galaxies Hosting Heavily Dust-Obscured Gamma-Ray Bursts: Implications for the Use of GRBs as Tracers of Cosmic Star Formation.”
- \*728) I. Shivvers, *et al.* [9 authors] (2013). *Mon. Not. Royal Astron. Soc.*, **436**, 3614–3625. “Nebular Spectroscopy of the Nearby Type II<sub>b</sub> Supernova 2011dh.”
- \*729) M. J. Childress, A. V. Filippenko, M. Ganeshalingam, and B. P. Schmidt (2014). *Mon. Not. Royal Astron. Soc.*, **437**, 338–350. “High-Velocity Features in Type Ia Supernova Spectra.”
- \*730) D. A. Perley, *et al.* [34 authors] (2014). *Astrophys. Jour.*, **781**, 37. “The Afterglow of GRB 130427A from 1 to 10<sup>16</sup> GHz.”
- \*731) E. O. Ofek, *et al.* [27 authors] (2014). *Astrophys. Jour.*, **781**, 42. “SN 2010jl: Optical to Hard X-Ray Observations Reveal an Explosion Embedded in a Ten Solar Mass Cocoon.”
- \*732) S. D. Van Dyk, *et al.* [13 authors] (2014). *Astron. Jour.*, **147**, 37. “The Type II<sub>b</sub> Supernova 2013df and Its Cool Supergiant Progenitor.”
- \*733) D. Milisavljevic, *et al.* [21 authors] (2014). *Astrophys. Jour. (Letters)*, **782**, L5. “Interaction between the Broad-Lined Type Ic Supernova 2012ap and Carriers of Diffuse Interstellar Bands.”
- \*734) L. R. Bedin, P. Ruiz-Lapuente, J. I. González Hernández, R. Canal, A. V. Filippenko, and J. Mendez (2014). *Mon. Not. Royal Astron. Soc.*, **439**, 354–371. “Improved *Hubble Space Telescope* Proper Motions for Tycho-G and Other Stars in the Remnant of Tycho’s Supernova 1572.”
- \*735) O. Graur, *et al.* [41 authors] (2014). *Astrophys. Jour.*, **783**, 28. “Type-Ia Supernova Rates to Redshift 2.4 from CLASH: The Cluster Lensing and Supernova Survey with Hubble.”

- \*736) W. Zheng, *et al.* [9 authors] (2014). *Astrophys. Jour. (Letters)*, **783**, L24. “Estimating the First-Light Time of the Type Ia Supernova 2014J in M82.”
- \*737) A. G. Riess, S. Casertano, J. Anderson, J. MacKenty, and A. V. Filippenko (2014). *Astrophys. Jour.*, **785**, 161. “Parallax Beyond a Kiloparsec from Spatially Scanning the Wide Field Camera 3 on the Hubble Space Telescope.”
- \*738) B. Patel, *et al.* [45 authors] (2014). *Astrophys. Jour.*, **786**, 9. “Three Gravitationally Lensed Supernovae behind CLASH Galaxy Clusters.”
- \*739) A. N. Morgan, *et al.* [19 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **440**, 1810–1823. “Evidence for Dust Destruction from the Early-time Colour Change of GRB 120119A.”
- \*740) C. McCully, *et al.* [27 authors] (2014). *Astrophys. Jour.*, **786**, 134. “Hubble Space Telescope and Ground-Based Observations of the Type Iax Supernovae SN 2005hk and SN 2008A.”
- \*741) K. V. Sokolovsky, *et al.* [52 authors] (2014). *Astron. Astrophys.*, **565**, A26. “Two Active States of the Narrow-Line Gamma-Ray-Loud AGN GB 1310+487.”
- \*742) A. Gal-Yam, *et al.* [20 authors] (2014). *Nature*, **509**, 471–474. “A Wolf-Rayet-like Progenitor of SN 2013cu from Spectral Observations of a Stellar Wind.”
- \*743) C. Fremling, *et al.* [12 authors] (2014). *Astron. Astrophys.*, **565**, A114. “The Rise and Fall of the Type Ib Supernova iPTF13bvn. Not a Massive Wolf-Rayet Star.”
- \*744) E. O. Ofek, *et al.* [19 authors] (2014). *Astrophys. Jour.*, **788**, 154. “Interaction-Powered Supernovae: Rise-Time vs. Peak-Luminosity Correlation and the Shock-Breakout Velocity.”
- \*745) P. L. Kelly, A. V. Filippenko, M. Modjaz, and D. Kocevski (2014). *Astrophys. Jour.*, **789**, 23. “The Host Galaxies of Fast-Ejecta Core-Collapse Supernovae.”
- \*746) E. O. Ofek, *et al.* [18 authors] (2014). *Astrophys. Jour.*, **789**, 104. “Precursors Prior to Type II<sub>n</sub> Supernova Explosions are Common: Precursor Rates, Properties, and Correlations.”
- \*747) T. Faran, *et al.* [12 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **442**, 844–861. “Photometric and Spectroscopic Properties of Type II-P Supernovae.”
- \*748) S. A. Rodney, *et al.* [38 authors] (2014). *Astron. Jour.*, **148**, 13. “Type Ia Supernova Rate Measurements to Redshift 2.5 from CANDELS: Searching for Prompt Explosions in the Early Universe.”
- \*749) P. L. Kelly, *et al.* [10 authors] (2014). *Astrophys. Jour.*, **790**, 3. “Constraints on the Progenitor System of the Type Ia Supernova 2014J from Pre-Explosion *Hubble Space Telescope* Imaging.”
- \*750) O. Fox, *et al.* [12 authors] (2014). *Astrophys. Jour.*, **790**, 17. “Uncovering the Putative B-Star Binary Companion of the SN 1993J Progenitor.”
- \*751) J. Chen, *et al.* [9 authors] (2014). *Astrophys. Jour.*, **790**, 120. “Optical Observations of the Type Ic Supernova 2007gr in NGC 1058.”
- \*752) J. C. Mauerhan, *et al.* [11 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **442**, 1166–1180. “Multi-Epoch Spectropolarimetry of SN 2009ip: Direct Evidence for Aspherical Circumstellar Material.”
- \*753) E. S. Walker, *et al.* [25 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **442**, 2768–2779. “Optical Follow-Up Observations of PTF10qts, a Luminous Broad-Lined Type Ic Supernova Found by the Palomar Transient Factory.”
- \*754) M. Betoule, *et al.* [63 authors] (2014). *Astron. Astrophys.*, **568**, A22. “Improved Cosmological Constraints from a Joint Analysis of the SDSS-II and SNLS Supernova Samples.”
- \*755) R. W. Romani, A. V. Filippenko, and S. B. Cenko (2014). *Astrophys. Jour. (Letters)*, **793**, L20. “2FGL J1653.6–0159: A New Low in Evaporating Pulsar Binary Periods.”
- \*756) R. J. Foley, *et al.* [23 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **443**, 2887–2906. “Extensive HST Ultraviolet Spectra and Multiwavelength Observations of SN 2014J in M82 Indicate Reddening and Circumstellar Scattering by Typical Dust.”
- \*757) K. Maguire, *et al.* [18 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **444**, 3258–3274. “Exploring the Spectral Diversity of Low-Redshift Type Ia Supernovae Using the Palomar Transient Factory.”



- \*758) M. Koss, *et al.* [15 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **445**, 515–527. “SDSS1133: An Unusually Persistent Transient in a Nearby Dwarf Galaxy.”
- \*759) T. Faran, *et al.* [11 authors] (2014). *Mon. Not. Royal Astron. Soc.*, **445**, 554–569. “A Sample of Type II-L Supernovae.”
- \*760) L. Pei, *et al.* [43 authors] (2014). *Astrophys. Jour.*, **795**, 38. “Reverberation Mapping of the Kepler Field AGN KA1858+4850.”
- \*761) P. M. Vreeswijk, *et al.* [27 authors] (2014). *Astrophys. Jour.*, **797**, 24. “The Hydrogen-Poor Superluminous Supernova iPTF 13ajg and its Host Galaxy in Absorption and Emission.”
- \*762) D. P. Cohen, R. W. Romani, A. V. Filippenko, S. B. Cenko, B. Lott, W. Zheng, and W. Li (2014). *Astrophys. Jour.*, **797**, 137. “Temporal Correlations Between Optical and Gamma-ray Activity in Blazars.”
- \*763) M. L. Graham, R. J. Foley, W. Zheng, P. L. Kelly, I. Shivvers, J. M. Silverman, A. V. Filippenko, K. I. Clubb, and M. Ganeshalingam (2015). *Mon. Not. Royal Astron. Soc.*, **446**, 2073–2088. “Twins for Life? A Comparative Analysis of the Type Ia Supernovae 2011fe and 2011by.”
- \*764) R. J. Foley, S. D. Van Dyk, S. W. Jha, K. I. Clubb, A. V. Filippenko, J. C. Mauerhan, A. A. Miller, and N. Smith (2015). *Astrophys. Jour. (Letters)*, **798**, L37. “On the Progenitor System of the Type Iax Supernova 2014dt in M61.”
- \*765) D. Milisavljevic, *et al.* [23 authors] (2015). *Astrophys. Jour.*, **799**, 51. “The Broad-Lined Type Ic SN 2012ap and the Nature of Relativistic Supernovae Lacking a Gamma-ray Burst Detection.”
- \*766) O. D. Fox, *et al.* [20 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **447**, 772–785. “On the Nature of Type II<sub>n</sub>/Ia-CSM Supernovae: Optical and Near-Infrared Spectra of SN 2012ca and SN 2013dn.”
- \*767) J. C. Mauerhan, *et al.* [11 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **447**, 1922–1934. “SN Hunt 248: A Super-Eddington Outburst from a Massive Cool Hypergiant.”
- \*768) P. L. Kelly, *et al.* [31 authors] (2015). *Science*, **347**, 1123–1126. “Multiple Images of a Highly Magnified Supernova Formed by an Early-Type Cluster Galaxy Lens.”
- \*769) M. L. Graham, S. Valenti, B. J. Fulton, L. M. Weiss, K. J. Shen, P. L. Kelly, W. Zheng, A. V. Filippenko, G. W. Marcy, D. A. Howell, J. Burt, and E. J. Rivera (2015). *Astrophys. Jour.*, **801**, 136. “Time-Varying Potassium in High-Resolution Spectra of the Type Ia Supernova 2014J.”
- \*770) P. L. Kelly, A. V. Filippenko, D. L. Burke, M. Hicken, M. Ganeshalingam, and W. Zheng (2015). *Science*, **347**, 1459–1462. “Distances with < 4% Precision from Type Ia Supernovae in Young Star-Forming Environments.”
- \*771) S. Ben-Ami, S. Hachinger, A. Gal-Yam, P. A. Mazzali, A. V. Filippenko, A. Horesh, T. Matheson, M. Modjaz, D. N. Sauer, J. M. Silverman, N. Smith, and O. Yaron (2015). *Astrophys. Jour.*, **803**, 40. “Ultraviolet Spectroscopy of Type IIb Supernovae: Diversity and the Impact of Circumstellar Material.”
- \*772) A. J. Barth, *et al.* [30 authors] (2015). *Astrophys. Jour. Suppl. Ser.*, **217**, 26. “The Lick AGN Monitoring Project 2011: Spectroscopic Campaign and Emission-Line Light Curves.”
- \*773) S. B. Cenko, *et al.* [37 authors] (2015). *Astrophys. Jour. (Letters)*, **803**, L24. “iPTF14yb: The First Discovery of a Gamma-Ray Burst Afterglow Independent of a High-Energy Trigger.”
- \*774) N. Smith, *et al.* [19 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **449**, 1876–1896. “PTF11iqb: Cool Supergiant Mass-Loss that Bridges the Gap between Type II<sub>n</sub> and Normal Supernovae.”
- \*775) A. Pastorello, *et al.* [34 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **449**, 1954–1966. “Massive Stars Exploding in a He-rich Circumstellar Medium. VI. Observations of Two Distant Type II<sub>n</sub> Supernova Candidates Discovered by La Silla-QUEST.”
- \*776) R. W. Romani, A. V. Filippenko, and S. B. Cenko (2015). *Astrophys. Jour.*, **804**, 115. “A Spectroscopic Study of the Extreme Black Widow PSR J1311–3430.”

- \*777) R. P. Olling, R. Mushotzky, E. J. Shaya, A. Rest, P. M. Garnavich, B. E. Tucker, D. Kasen, S. Margheim, and A. V. Filippenko (2015). *Nature*, **521**, 332–335. [Erratum: **524**, 502 (2015).] “No Signature of Ejecta Interaction with a Stellar Companion in Three Type Ia Supernovae.”
- \*778) D. R. Pasham, *et al.* [15 authors] (2015). *Astrophys. Jour.*, **805**, 68. “A Multiwavelength Study of the Relativistic Tidal Disruption Candidate Swift J2058.4+0516 at Late Times.”
- \*779) C. Bilinski, N. Smith, W. Li, G. G. Williams, W. Zheng, and A. V. Filippenko (2015). *Mon. Not. Royal Astron. Soc.*, **450**, 246–265. “Constraints on Type II<sub>n</sub> Supernova Progenitor Outbursts from the Lick Observatory Supernova Search.”
- \*780) B. Poppe, T. Plaggenborg, W. Zheng, I. Shivvers, K. Itagaki, A. V. Filippenko, and J. Kunz-Drolshagen (2015). *Journal of the American Association of Variable Star Observers*, **43**, 43. “Early-Time Flux Measurements of SN 2014J Obtained with Small Robotic Telescopes: Extending the AAVSO Light Curve.”
- \*781) I. Shivvers, J. Groh, J. C. Mauerhan, O. D. Fox, D. C. Leonard, and A. V. Filippenko (2015). *Astrophys. Jour.*, **806**, 213. “Early Emission from the Type II<sub>n</sub> Supernova 1998S at High Resolution.”
- \*782) P. A. Mazzali, *et al.* [13 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **450**, 2631–2643. “Nebular Spectra and Abundance Tomography of the Type Ia Supernova SN 2011fe: A Normal SN Ia with a Stable Fe Core.”
- \*783) R. W. Romani, M. L. Graham, A. V. Filippenko, and M. Kerr (2015). *Astrophys. Jour. (Letters)*, **809**, L10. “Keck Spectroscopy of Millisecond Pulsar J2215+5135: a Moderate- $M_{\text{NS}}$ , High-Inclination Binary.”
- \*784) J. M. Silverman, J. Vinko, G. H. Marion, J. C. Wheeler, B. Barna, T. Szalai, B. W. Mulligan, and A. V. Filippenko (2015). *Mon. Not. Royal Astron. Soc.*, **451**, 1973–2014. “High-Velocity Features of Calcium and Silicon in the Spectra of Type Ia Supernovae.”
- \*785) Y.-C. Pan, *et al.* [26 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **452**, 4307–4325. “500 Days of SN 2013dy: Spectra and Photometry from the Ultraviolet to the Infrared.”
- 786) A. V. Filippenko (2015). In *The Role of Death in Life*, ed. J. Behr and C. Cunningham (Eugene, OR: Cascade Books), 1–13. “Made of Star-stuff: The Origin of the Chemical Elements in Life.”
- \*787) N. L. Strotjohann, *et al.* [16 authors] (2015). *Astrophys. Jour.*, **811**, 117 (arXiv:1508.04775; DOI 10.1088/0004-637X/811/2/117). “Search for Precursor Eruptions among Type II<sub>b</sub> Supernovae.”
- \*788) J. C. Mauerhan, *et al.* [14 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **453**, 4467–4484 (arXiv:1506.08844; DOI 10.1093/mnras/stv1944). “Spectropolarimetry of SN 2011dh in M51: Geometric Insights on a Type II<sub>b</sub> Supernova Progenitor and Explosion.”
- 789) O. Graur, F. B. Bianco, M. Modjaz, D. Maoz, I. Shivvers, A. V. Filippenko, and W. Li (2015) (arXiv:1509.08432). In *Astronomy in Focus*, Vol. 2 (XXIXth IAU General Assembly, Focus Meeting 10: “Stellar Explosions in an Ever-Changing Environment.”). “Stripped-Envelope Supernova Rates and Host-Galaxy Properties.”
- \*790) M. L. Graham, P. E. Nugent, M. Sullivan, A. V. Filippenko, S. B. Cenko, J. M. Silverman, K. I. Clubb, and W. Zheng (2015). *Mon. Not. Royal Astron. Soc.*, **454**, 1948–1957. “Constraining the Progenitor Companion of the Nearby Type Ia SN 2011fe with a Nebular Spectrum at +981 d.”
- \*791) O. D. Fox, *et al.* [14 authors] (2015). *Mon. Not. Royal Astron. Soc.*, **454**, 4366–4378. “What Powers the 3000-Day Light Curve of SN 2006gy?”
- \*792) A. Constantin, J. C. Shields, L. C. Ho, A. J. Barth, A. V. Filippenko, and C. A. Castillo (2015). *Astrophys. Jour.*, **814**, 149. “Dissecting the Power Sources of Low-Luminosity Emission-Line Galaxy Nuclei via Comparison of *HST*-STIS and Ground-Based Spectroscopy.”
- \*793) T. Treu, *et al.* [28 authors] (2016). *Astrophys. Jour.*, **817**, 60. “‘Refsdal’ meets Popper: Comparing Predictions of the Re-appearance of the Multiply Imaged Supernova behind MACSJ1149.5+2223.”
- \*794) V. L. Toy, *et al.* [36 authors] (2016). *Astrophys. Jour.*, **818**, 79. “Optical and Near-Infrared Observations of SN 2013dx Associated with GRB 130702A.”

- \*795) N. Smith, J. E. Andrews, J. C. Mauerhan, W. Zheng, A. V. Filippenko, M. L. Graham, and P. Milne (2016). *Mon. Not. Royal Astron. Soc.*, **455**, 3546–3560 (arXiv:1510.08050; DOI 10.1093/mnras/stv2507). “The Persistent Eruption of UGC 2773-OT: Finally, a Decade-Long Extragalactic Eta Carinae Analog”
- \*796) D. Khazov, *et al.* [27 authors] (2016). *Astrophys. Jour.*, **818**, 3 (arXiv:1512.00846; DOI 10.3847/0004-637X/818/1/3). “Flash Spectroscopy: Emission Lines from the Ionized Circumstellar Material around < 10-day-old Type II Supernovae.”
- \*797) S. B. Cenko, *et al.* [21 authors] (2016). *Astrophys. Jour. (Letters)*, **818**, L32. “An Ultraviolet Spectrum of the Tidal Disruption Flare ASASSN-14li.”
- \*798) P. L. Kelly, *et al.* [22 authors] (2016). *Astrophys. Jour. (Letters)*, **819**, L8. “Deja Vu All Over Again: The Reappearance of Supernova Refsdal.”
- \*799) F. Taddia, *et al.* [16 authors] (2016). *Astron. Astrophys.*, **587**, L7 (arXiv:1602.01433; DOI 10.1051/0004-6361/201527983). “Metallicity from Type II Supernovae from the (i)PTF.”
- 800) A. V. Filippenko (2016). *Bulletin of the American Academy of Arts & Sciences*, **LXIX**, No. 2, 54–62. “Exploding Stars and the Accelerating Universe.”
- \*801) M. J. Valtonen, *et al.* [90 authors] (2016). *Astrophys. Jour. (Letters)*, **819**, L37 (arXiv:1603.04171; DOI 10.3847/2041-8205/819/2/L37). “Primary Black Hole Spin in OJ 287 as Determined by the General Relativity Centenary Flare.”
- \*802) A. Rubin, *et al.* [40 authors] (2016). *Mon. Not. Royal Astron. Soc.*, **820**, 33 (arXiv:1512.00733; DOI 10.3847/0004-637X/820/1/33). “Type II Supernova Energetics and Comparison of Light Curves to Shock-Cooling Models.”
- \*803) S. A. Rodney, *et al.* [19 authors] (2016). *Astrophys. Jour.*, **820**, 50. “SN Refsdal: Photometry and Time Delay Measurements of the First Einstein Cross Supernova.”
- \*804) K. Zhang, *et al.* [20 authors] (2016). *Astrophys. Jour.*, **820**, 67 (arXiv:1602.02951; 10.3847/0004-637X/820/1/67). “Optical Observations of the Type Ia Supernova 2011fe in M101 for Nearly 500 Days.”
- \*805) M. M. Fausnaugh, *et al.* [98 authors] (2016). *Astrophys. Jour.*, **821**, 56 (arXiv:1510.05648; DOI 10.3847/0004-637X/821/1/56). “Space Telescope and Optical Reverberation Mapping Project. III. Optical Continuum Emission and Broad-Band Time Delays in NGC 5548.”
- \*806) F. Taddia, *et al.* [20 authors] (2016). *Astron. Astrophys.*, **588**, A5 (DOI 10.1051/0004-6361/201527811). “Long-Rising Type II Supernovae from PTF and CCCP.”
- \*807) N. Smith, *et al.* [14 authors] (2016). *Mon. Not. Royal Astron. Soc.*, **458**, 950–962 (arXiv:1602.05203; DOI 10.1093/mnras/stw219). “Massive-Star Mergers and the Recent Transient in NGC 4490: A More Massive Cousin of V838 Mon and V1309 Sco.”
- \*808) G. Dhungana, *et al.* [34 authors] (2016). *Astrophys. Jour.*, **822**, 6 (arXiv:1509.01721; DOI 10.3847/0004-637X/822/1/6). “Extensive Spectroscopy and Photometry of the Type IIP Supernova 2013ej.”
- \*809) S. J. Prentice, *et al.* [17 authors] (2016). *Mon. Not. Royal Astron. Soc.*, **458**, 2973–3002. “The Bolometric Light Curves and Physical Parameters of Stripped-Envelope Supernovae.”
- \*810) G. Narayan, *et al.* [37 authors] (2016). *Astrophys. Jour. Suppl. Ser.*, **224**, 3. “Light Curves of 213 Type Ia Supernovae from the ESSENCE Survey.”
- \*811) E. Ofek, *et al.* [19 authors] (2016). *Astrophys. Jour.*, **824**, 6 (arXiv:1605.02450; DOI 10.3847/0004-637X/824/1/6). “PTF13efv — An Outburst 500 days Prior to the SNHunt 275 Explosion and Its Radiative Efficiency.”
- \*812) M. Goad, *et al.* [102 authors] (2016). *Astrophys. Jour.*, **824**, 11. “Space Telescope and Optical Reverberation Mapping Project. IV. Anomalous Behavior of the Broad Ultraviolet Emission Lines in NGC 5548.”
- \*813) R. Ferretti, *et al.* [21 authors] (2016). *Astron. Astrophys.*, **592**, A40. “Time-Varying Sodium Absorption in the Type Ia Supernova 2013gh.”

- \*814) S. Valenti, *et al.* [22 authors] (2016). *Mon. Not. Royal Astron. Soc.*, **459**, 3939–3962. “The Diversity of Type II Supernova versus the Similarity in Their Progenitors.”
- \*815) S. Casertano, *et al.* [13 authors] (2016). *Astrophys. Jour.*, **825**, 11 (arXiv:1512.09371; DOI 10.3847/0004-637X/825/1/11). “Parallax of Galactic Cepheids from Spatially Scanning the Wide Field Camera 3 on the Hubble Space Telescope: The Case of SS Canis Majoris.”
- \*816) G. Folatelli, *et al.* [16 authors] (2016). *Astrophys. Jour. (Letters)*, **825**, L22 (arXiv:1604.06821; DOI 10.3847/2041-8205/825/2/L22). “Disappearance of the Progenitor of Supernova iPTF 13bvn.”
- \*817) A. G. Riess, L. M. Macri, S. L. Hoffmann, D. Scolnic, S. Casertano, A. V. Filippenko, B. E. Tucker, M. J. Reid, D. O. Jones, J. M. Silverman, R. Chornock, P. Challis, W. Yuan, P. J. Brown, and R. J. Foley (2016). *Astrophys. Jour.*, **826**, 56. “A 2.4% Determination of the Local Value of the Hubble Constant.”
- \*818) R. J. Foley, S. W. Jha, Y.-C. Pan, W. Zheng, L. Bildsten, A. V. Filippenko, and D. Kasen (2016). *Mon. Not. Royal Astron. Soc.*, **461**, 433–457 (arXiv:1601.05955; DOI 10.1093/mnras/stw1320). “Late-Time Spectroscopy of Type Iax Supernovae.”
- \*819) R. J. Foley, Y.-C. Pan, P. Brown, A. V. Filippenko, O. D. Fox, W. Hillebrandt, R. P. Kirshner, G. H. Marion, P. A. Milne, J. T. Parrent, G. Pignata, and M. D. Stritzinger (2016). *Mon. Not. Royal Astron. Soc.*, **461**, 1308–1316. “Ultraviolet Diversity of Type Ia Supernovae.”
- \*820) I. Shivvers, W. Zheng, J. Mauerhan, I. K. W. Kleiser, S. D. Van Dyk, J. M. Silverman, M. L. Graham, P. L. Kelly, A. V. Filippenko, and S. Kumar (2016). *Mon. Not. Royal Astron. Soc.*, **461**, 3057–3074 (arXiv:1603.04866; DOI 10.1093/mnras/stw1528). “SN 2015U: A Rapidly Evolving and Luminous Type Ibn Supernova.”
- \*821) C. Fremling, *et al.* [22 authors] (2016). *Astron. Astrophys.*, **593**, A68. “PTF12os and iPTF13bvn: Two Stripped-Envelope Supernovae from Low-Mass Progenitors in NGC 5806.”
- \*822) S. L. Hoffmann, L. M. Macri, A. G. Riess, W. Yuan, S. Casertano, R. J. Foley, A. V. Filippenko, B. E. Tucker, R. Chornock, J. M. Silverman, D. L. Welch, A. Goobar, and R. Amanulla (2016). *Astrophys. Jour.*, **830**, 10. “Optical Identification of Cepheids in 19 Host Galaxies of Type Ia Supernovae and NGC 4258 with the Hubble Space Telescope.”
- \*823) D. A. Perley, R. Quimby, L. Yan, P. Vreeswijk, A. De Cia, R. Lunnan, A. Gal-Yam, O. Yaron, A. V. Filippenko, M. L. Graham, and P. E. Nugent (2016). *Astrophys. Jour.*, **830**, 13 (arXiv:1604.08207; DOI 10.3847/0004-637X/830/1/13). “Host-Galaxy Properties of 32 Low-Redshift Superluminous Supernovae from the Palomar Transient Factory.”
- \*824) S. Zola, *et al.* (2016). In *Galaxies*, **4**, 41 (DOI 10.3390/galaxies4040041). “A Search for QPOs in the Blazar OJ287: Preliminary Results from the 2015/2016 Observing Campaign.”
- \*825) C. D. Kilpatrick, J. E. Andrews, N. Smith, P. Milne, G. H. Rieke, W. Zheng, and A. V. Filippenko (2016). *Mon. Not. Royal Astron. Soc.*, **463**, 1088–1098. “An Optical and Near-Infrared Study of the Type Ia/IIn Supernova PS15si.”
- \*826) G. Herczeg, *et al.* [30 authors] (2016). *Astrophys. Jour.*, **831**, 133 (arXiv:1607.06368; DOI 10.3847/0004-637X/831/2/133). “The Eruption of the Candidate Young Star ASASSN-15qi.”
- \*827) P. L. Kelly, *et al.* [22 authors] (2016). *Astrophys. Jour.*, **831**, 205. “SN Refsdal: Classification as a Luminous and Blue SN 1987A-like Type II Supernova.”
- \*828) R. Roy, *et al.* [25 authors] (2016). *Astron. Astrophys.*, **596**, A67 (arXiv:1607.00924; DOI 10.1051/0004-6361/201527947). “SN 2012aa – A Transient Between Type Ibc Core-Collapse and Superluminous Supernovae.”
- \*829) F. Huang, *et al.* [17 authors] (2016). *Astrophys. Jour.*, **832**, 139 (arXiv:1609.02333; DOI 10.3847/0004-637X/832/2/139). “Optical and Ultraviolet Observations of the Very Young Type IIP SN 2014cx in NGC 337.”
- \*830) T. Laskar, *et al.* [15 authors] (2016). *Astrophys. Jour.*, **833**, 88. “A Reverse Shock in GRB 160509A.”
- \*831) R. W. Romani, M. L. Graham, A. V. Filippenko, and W. Zheng (2016). *Astrophys. Jour.*, **833**, 138. “PSR J1301+0833: A Kinematic Study of a Black-Widow Pulsar.”

- \*832) J. C. Mauerhan, *et al.* [9 authors] (2017). *Astrophys. Jour.*, **834**, 118 (arXiv:1611.07930; DOI 10.3847/1538-4357/834/2/118). “Asphericity, Interaction, and Dust in the Type II-P/II-L Supernova 2013ej in Messier 74.”
- \*833) P. M. Vreeswijk, *et al.* [30 authors] (2017). *Astrophys. Jour.*, **835**, 58 (arXiv:1609.08145; DOI 10.3847/1538-4357/835/1/58). “On the Early-Time Excess Emission in Hydrogen-Poor Superluminous Supernovae.”
- \*834) D. Starkey, *et al.* [93 authors] (2017). *Astrophys. Jour.*, **835**, 65 (arXiv:1611.06051; DOI 10.3847/1538-4357/835/1/65). “Space Telescope and Optical Reverberation Mapping Project. VI. Reverberating Disk Models for NGC 5548.”
- \*835) R. Lunnan, *et al.* [23 authors] (2017). *Astrophys. Jour.*, **836**, 60. “Two New Calcium-Rich Gap Transients in Group and Cluster Environments.”
- \*836) G. Hosseinzadeh, *et al.* [37 authors] (2017). *Astrophys. Jour.*, **836**, 158 (arXiv:1608.01998; DOI 10.3847/1538-4357/836/2/158). “Type Ibn Supernovae Show Photometric Homogeneity and Spectral Diversity at Maximum Light.”
- \*837) O. Fox, *et al.* [11 authors] (2017). *Astrophys. Jour.*, **836**, 222. “The Candidate Progenitor of the Type IIn SN 2010jl is Not an Optically Luminous Star.”
- \*838) O. Yaron, *et al.* [33 authors] (2017). *Nature Physics*, **13**, 510–517 (arXiv:1701.02596; DOI 10.1038/nphys4025). “Confined Dense Circumstellar Material Surrounding a Regular Type II Supernova.”
- \*839) O. Graur, F. B. Bianco, S. Huang, M. Modjaz, I. Shivvers, A. V. Filippenko, W. Li, and J. J. Eldridge (2017). *Astrophys. Jour.*, **837**, 120 (arXiv:1609.02921; DOI 10.3847/1538-4357/aa5eb8). “LOSS Revisited. I. Unraveling Correlations Between Supernova Rates and Galaxy Properties, as Measured in a Reanalysis of the Lick Observatory Supernova Search.”
- \*840) O. Graur, F. Bianco, M. Modjaz, I. Shivvers, A. V. Filippenko, W. Li, and N. Smith (2017). *Astrophys. Jour.*, **837**, 121 (arXiv:1609.02923; DOI 10.3847/1538-4357/aa5eb7). “LOSS Revisited. II. The Relative Rates of Different Types of Supernovae Vary between Low- and High-Mass Galaxies.”
- \*841) L. Pei, *et al.* [156 authors] (2017). *Astrophys. Jour.*, **837**, 131 (arXiv:1702.01177; DOI 10.3847/1538-4357/aa5eb1). “Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-Line Analysis for NGC 5548.”
- \*842) W. Du, H. Wu, Y. Zhu, W. Zheng, and A. V. Filippenko (2017). *Astron. Jour.*, **837**, 152 (arXiv:1702.06026; DOI 10.3847/1538-4357/aa6194). “Long-slit Spectroscopy of Edge-on Low Surface Brightness Galaxies.”
- \*843) W. Zheng and A. V. Filippenko (2017). *Astrophys. Jour.*, **838**, L4 (arXiv:1612.02097; DOI 10.3847/2041-8213/aa6442). “An Empirical Fitting Method for Type Ia Supernova Light Curves. I. A Case Study of SN 2011fe.”
- \*844) N. Smith, *et al.* [11 authors] (2017). *Mon. Not. Royal Astron. Soc.*, **466**, 3021–3034. “Endurance of SN 2005ip after a Decade: X-rays, Radio, and H-alpha Like SN 1988Z Require Long-Lived Pre-Supernova Mass Loss.”
- \*845) I. Shivvers, *et al.* [14 authors] (2017). *Publ. Astron. Soc. Pacific*, **129**, 054201 (arXiv:1609.02922; DOI 10.1088/1538-3873/aa54a6). “Revisiting the Lick Observatory Supernova Search Volume-Limited Sample: Updated Classifications and Revised Stripped-Envelope Supernova Fractions.”
- \*846) R. Edelson, *et al.* [44 authors] (2017). *Astrophys. Jour.*, **840**, 41. “Swift Monitoring of NGC 4151: Evidence for a Second X-ray/UV Reprocessing.”
- \*847) W. Zheng, *et al.* (2017). [42 authors] *Astrophys. Jour.*, **841**, 64 (arXiv:1611.09438; DOI 10.3847/1538-4357/aa6dfa). “Discovery and Follow-up Observations of the Young Type Ia Supernova 2016coj.”
- \*848) J. M. Silverman, *et al.* [14 authors] (2017). *Mon. Not. Royal Astron. Soc.*, **467**, 369–411 (arXiv:1610.07654; DOI 10.1093/mnras/stx058). “After the Fall: Late-Time Spectroscopy of Type IIP Supernovae.”

- \*849) B. Friesen, *et al.* [19 authors] (2017). *Mon. Not. Royal Astron. Soc.*, **467**, 2392–2411 (arXiv:1607.04784; DOI 10.1093/mnras/stx241). “Optical and Ultraviolet Spectroscopic Analysis of SN 2011fe at Late Times.”
- \*850) E. Zapartas, *et al.* [13 authors] (2017). *Astrophys. Jour.*, **842**, 125. “Predicting the Presence of Companions for Stripped-Envelope Supernovae: The Case of the Broad-Lined Type Ic SN 2002ap.”
- \*851) M. L. Graham, C. E. Harris, O. D. Fox, P. E. Nugent, D. Kasen, J. M. Silverman, and A. V. Filippenko (2017). *Astrophys. Jour.*, **843**, 102. “PTF11kx: A Type Ia Supernova with Hydrogen Emission Persisting After 3.5 Years.”
- \*852) H.-J. Lü, X.-G. Wang, R.-J. Lu, L. Lan, H. Gao, E.-W. Liang, M. L. Graham, W. Zheng, A. V. Filippenko, and B. Zhang (2017). *Astrophys. Jour.*, **843**, 114 (arXiv:1706.00898; DOI 10.3847/1538-4357/aa78f0). “A Peculiar GRB 110731A: Lorentz Factor, Jet Composition, Central Engine, and Progenitor.”
- \*853) M. L. Graham, A. Bigley, J. C. Mauerhan, I. Arcavi, D. A. Howell, S. Valenti, C. McCully, A. V. Filippenko, and G. Hosseinzadeh (2017). *Mon. Not. Royal Astron. Soc.*, **469**, 1559–1572. “Clues to the Nature of SN 2009ip – II. The Continuing Photometric and Spectroscopic Evolution to 1000 Days.”
- \*854) S. Mathur, *et al.* [150 authors] (2017). *Astrophys. Jour.*, **846**, 55. “Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy.”
- \*855) E. Dwek, *et al.* (2017). *Astrophys. Jour.*, **847**, 91. “Constraints on the Progenitor of SN 2010jl and Pre-existing Hot Dust in its Surrounding Medium.”
- \*856) W. Zheng, P. L. Kelly, and A. V. Filippenko (2017). *Astrophys. Jour.*, **848**, 66 (arXiv:1612.02725; DOI 10.3847/1538-4357/aa8b19). “An Empirical Fitting Method for Type Ia Supernova Light Curves. II. Estimating the First-Light Time and Rise Time.”
- \*857) K. Krisciunas, *et al.* (2017). *Astron. Jour.*, **154**, 211 [Errata: **154**, 278 (2017) and **160**, 289 (2020)]. “The Carnegie Supernova Project, I. Third Photometry Data Release of Low-Redshift Type Ia Supernovae and Other White Dwarf Explosions.”
- \*858) I. Shivvers, *et al.* [28 authors] (2017). *Mon. Not. Royal Astron. Soc.*, **471**, 4381–4397 (arXiv:1704.04316; DOI 10.1093/mnras/stx1885). “The Nearby Type Ibn Supernova 2015G: Signatures of Asymmetry and Progenitor Constraints.”
- \*859) I. Arcavi, *et al.* (2017). *Nature*, **551**, 210–213. “Energetic Eruptions Leading to a Peculiar Hydrogen-Rich Explosion of a Massive Star.”
- \*860) S.-Q. Wang, Z. Cano, L.-J. Wang, W. Zheng, Z.-G. Dai, A. V. Filippenko, & L.-D. Liu (2017). *Astrophys. Jour.*, **850**, 148 (arXiv:1707.08515). “Modeling the Most Luminous Supernova Associated with a Gamma-Ray Burst, SN 2011kl.”
- \*861) M. L. Graham, *et al.* [11 authors] (2017). *Mon. Not. Royal Astron. Soc.*, **472**, 3437–3454 (arXiv:1708.07799; DOI 10.1093/mnras/stx2224). “Nebular-Phase Spectra of Eight Nearby Type Ia Supernovae.”
- \*862) T. de Jaeger, *et al.* (2017). *Mon. Not. Royal Astron. Soc.*, **472**, 4233–4243 (arXiv:1709.01513). “SN 2016jhj at Redshift 0.34: Extending the Type II Supernova Hubble Diagram Using the Standard Candle Method.”
- \*863) C. Bochenek, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **473**, 336–344 (arXiv:1708.07181). “X-ray Emission from SN 2012ca: A Type Ia-CSM Supernova Explosion in a Dense Surrounding Medium.”
- \*864) S. Bose, *et al.* (2018). *Astrophys. Jour.*, **853**, 57 (arXiv:1708.00864). “Gaia17biu/SN 2017egm in NGC 3191: the Closest Hydrogen-Poor Superluminous Supernova to Date Is in a ‘Normal,’ Massive and Metal-Rich Spiral Galaxy.”
- \*865) J. C. Mauerhan, S. D. Van Dyk, J. Johansson, O. D. Fox, A. V. Filippenko, and M. L. Graham (2018). *Mon. Not. Royal Astron. Soc.*, **473**, 3765–3775 (arXiv:1702.00430). “The Dusty Aftermath of SN Hunt 248: Merger-Burst Remnant?”

- \*866) T. S. Boyajian, *et al.* (2018). *Astrophys. Jour. (Letters)*, **853**, L8 (arXiv:1801.00732; DOI 10.3847/2041-8213/aaa405). “The First Post-Kepler Brightness Dips of KIC 8462852.”
- \*867) M. D. Stritzinger, *et al.* (2018). *Astron. Astrophys.*, **609**, A134 (arXiv:1707.07616). “The Carnegie Supernova Project I: Photometry Data Release of Low-Redshift Stripped-Envelope Supernovae.”
- \*868) A. G. Riess, *et al.* (2018). *Astrophys. Jour.*, **853**, 126 (arXiv:1710.00844). “Type Ia Supernova Distances at  $z > 1.5$  from the Hubble Space Telescope Multi-Cycle Treasury Programs: The Early Expansion Rate.”
- \*869) M. Smith, *et al.* (2018). *Astrophys. Jour.*, **854**, 37 (arXiv:1712.04535). “Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two.”
- \*870) C. D. Kilpatrick, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **473**, 4805–4823 (arXiv:1706.09962). “Connecting the Progenitors, Pre-explosion Variability, and Giant Outbursts of Luminous Blue Variables with Gaia16cfr.”
- \*871) A. Pastorello, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **474**, 197–218 (arXiv:1707.00611). “Supernovae 2016bdu and 2005gl, and Their Link with SN 2009ip-like Transients: Another Piece of the Puzzle.”
- \*872) M. Bersten, *et al.* (2018). *Nature*, **554**, 497 (DOI 10.1038/nature25151). “A Surge of Light at the Birth of a Supernova.”
- \*873) C. Bilinski, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **475**, 1104–1120 (arXiv:1712.03370; DOI 10.1093/mnras/stx3214). “SN 2012ab: A Peculiar Type II<sub>n</sub> Supernova with Aspherical Circumstellar Material.”
- \*874) C. Gall, *et al.* [30 authors] (2018). *Astron. Astrophys.*, **611**, A58 (arXiv:1707.03823). “Two Transitional Type Ia Supernovae Located in the Fornax Cluster Member NGC 1404: SN 2007on and SN 2011iv.”
- \*875) R. M. Quimby, *et al.* (2018). *Astrophys. Jour.*, **855**, 2 (arXiv:1802.07820) [Erratum: 2023, **957**, 116]. “Spectra of Hydrogen-Poor Superluminous Supernovae from the Palomar Transient Factory.”
- \*876) A. G. Riess, *et al.* (2018). *Astrophys. Jour.*, **855**, 136 (arXiv:1801.01120). “New Parallaxes of Galactic Cepheids from Spatially Scanning the Hubble Space Telescope: Implications for the Hubble Constant.”
- \*877) S. D. Ryder, *et al.* (2018). *Astrophys. Jour.*, **856**, 83 (arXiv:1801.05125). “Ultraviolet Detection of the Binary Companion to the Type II<sub>b</sub> SN 2001ig.”
- \*878) S. A. Rodney, *et al.* (2018). *Nature Astronomy*, **2**, 324–333 (arXiv:1707.02434). “Two Peculiar Fast Transients in a Strongly Lensed Host Galaxy.”
- \*879) P. L. Kelly, *et al.* (2018). *Nature Astronomy*, **2**, 334–342 (arXiv:1706.10279). “Extreme Magnification of an Individual Star at Redshift 1.5 by a Galaxy-Cluster Lens.”
- \*880) N. Elias-Rosa, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **475**, 2614–2631 (arXiv:1801.03040). “SN<sub>hunt</sub>151: An Explosive Event Inside a Dense Cocoon.”
- \*881) J. M. Diego, *et al.* (2018). *Astrophys. Jour.*, **857**, 25 (arXiv:1706.10281). “Dark Matter Under the Microscope: Constraining Compact Dark Matter with Caustic Crossing Events.”
- \*882) C. Bullivant, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **476**, 1497–1518 (arXiv:1801.01532). “SN 2013fs and SN 2013fr: Exploring the Circumstellar-Material Diversity in Type II Supernovae.”
- \*883) W. Zheng, P. L. Kelly, and A. V. Filippenko (2018). *Astrophys. Jour.*, **858**, 104 (arXiv:1712.01495). “An Empirical Fitting Method for Type Ia Supernova Light Curves. III. A Three-Parameter Relationship: Peak Magnitude, Rise Time, and Photospheric Velocity.”
- \*884) M. Sako, *et al.* [49 authors] (2018). *Pub. Astron. Soc. Pacific*, **130**, 064002. “The Data Release of the Sloan Digital Sky Survey-II Supernova Survey.”
- \*885) T. de Jaeger, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **476**, 4592–4616 (arXiv:1802.07254). “Observed Type II Supernova Colours from the Carnegie Supernova Project-I.”

- \*886) L.-Y. Huang, X.-G. Wang, W. Zheng, E.-W. Liang, D.-B. Lin, S.-Q. Zhong, H.-M. Zhang, X.-L. Huang, A. V. Filippenko, and B. Zhang (2018). *Astrophys. Jour.*, **859**, 163 (arXiv:1804.02104). “GRB120729A: External Shock Origin for Both the Prompt Gamma-Ray Emission and Afterglow.”
- \*887) N. Elias-Rosa, *et al.* (2018). *Astrophys. Jour.*, **860**, 68 (arXiv:1805.02188). “The Type II<sub>n</sub> Supernova 2010bt: The Explosion of a Star in Outburst.”
- \*888) S. Van Dyk, *et al.* (2018). *Astrophys. Jour.*, **860**, 90 (arXiv:1803.01050) [Erratum: (2018), 868, 77]. “SN 2017ein and the Possible First Identification of a Type Ic Supernova Progenitor.”
- \*889) A. G. Riess, *et al.* (2018). *Astrophys. Jour.*, **861**, 126 (arXiv:1804.10655). “Milky Way Cepheid Standards for Measuring Cosmic Distances and Application to Gaia DR2: Implications for the Hubble Constant.”
- \*890) T. de Jaeger, *et al.* (2018). *Mon. Not. Royal Astron. Soc.*, **478**, 3776–3792 (arXiv:1805.03205). “SN 2016esw: A Luminous Type II Supernova Observed Within the First Day After the Explosion.”
- \*891) J. C. Mauerhan, A. V. Filippenko, W. Zheng, T. G. Brink, M. L. Graham, I. Shivvers, and K. I. Clubb (2018). *Mon. Not. Royal Astron. Soc.*, **478**, 5050–5055 (arXiv:1803.07051). “Stripped-Envelope Supernova SN 2004dk is Now Interacting with Hydrogen-Rich Circumstellar Material.”
- \*892) S. Chakrabarti, B. Dell, O. Graur, A. V. Filippenko, B. T. Lewis, and C. F. McKee (2018). *Astrophys. Jour. Letters*, **863**, 1. “The Supernova Rate Beyond the Optical Radius.”
- \*893) A. Goyal, *et al.* [109 authors] (2018). *Astrophys. Jour.*, **863**, 175 (arXiv:1709.04457). “Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ 287 on Timescales Ranging from Decades to Hours.”
- \*894) Y.-C. Pan, R. J. Foley, A. V. Filippenko, and N. P. M. Kuin (2018). *Mon. Not. Royal Astron. Soc.*, **479**, 517535 (arXiv:1805.12161). “Swift UVOT Grism Observations of Nearby Type Ia Supernovae – I. Observations and Data Reduction.”
- \*895) L. Dey, *et al.* (2018). *Astrophys. Jour.*, **866**, 11 (arXiv:1808.09309). “Authenticating the Presence of a Relativistic Massive Black Hole Binary in OJ 287 Using its General Relativity Centenary Flare: Improved Orbital Parameters.”
- \*896) P. R. Williams, *et al.* (2018). *Astrophys. Jour.*, **866**, 75. “The Lick AGN Monitoring Project 2011: Dynamical Modeling of the Broad-Line Region.”
- \*897) C. Fremling, *et al.* (2018). *Astron. Astrophys.*, **618**, A37 (arXiv:1807.00100). “Oxygen and Helium in Stripped-Envelope Supernovae.”
- \*898) R. Hounsell, *et al.* [17 authors] (2018). *Astrophys. Jour.*, **867**, 23 (arXiv: 1702.1747). “Simulations of the WFIRST Supernova Survey and Forecasts of Cosmological Constraints.”
- \*899) T.-W. Chen, *et al.* (2018). *Astrophys. Jour. (Letters)*, **867**, L31 (arXiv:180804382). “SN 2017ens: The Metamorphosis of a Luminous Broad-Lined Type Ic Supernova into an SN II<sub>n</sub>.”
- \*900) I. Liodakis, R. W. Romani, A. V. Filippenko, S. Kiehlmann, W. Max-Moerbeck, A. C. S. Readhead, and W. Zheng (2018). *Mon. Not. Royal Astron. Soc.*, **480**, 55175528 (arXiv:180805625). “Multiwavelength Cross-Correlations and Flaring Activity in Bright Blazars.”
- \*901) J. D. R. Pierel, *et al.* (2018). *Pub. Astron. Soc. Pacific*, **130**, 114504 (arXiv:1808.02534). “Extending Supernova Spectral Templates for Next Generation Space Telescope Observations.”
- 902) C. B. D’Andrea, *et al.* (2018; arXiv:1811.09565). “First Cosmology Results Using Type Ia Supernovae From the Dark Energy Survey: Survey Overview and Supernova Spectroscopy.” [For the final published version, see M. Smith, *et al.* (2020), *Astron. Jour.*, **160**, 267. “First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy.” December 2020; Issue 6 of the volume.]
- \*903) C. E. Harris, *et al.* (2018). *Astrophys. Jour.*, **868**, 21 (arXiv:1812.02756). “Don’t Blink: Constraining the Circumstellar Environment of the Interacting Type Ia Supernova 2015cp.”
- 904) R. J. Foley, *et al.* (2018; arXiv:1812.00514). “LSST Observing Strategy White Paper: LSST Observations of WFIRST Deep Fields.”



- \*905) J. Sollerman, *et al.* (2019). *Astron. Astrophys.*, **621**, A30. “Late-Time Observations of the Extraordinary Type II Supernova iPTF14hls.”
- \*906) F. Taddia, *et al.* (2019). *Astron. Astrophys.*, **621**, A71 (arXiv:1811.09544). “Analysis of Broad-Lined Type Ic Supernovae from the (Intermediate) Palomar Transient Factory.”
- \*907) I. Shivvers, *et al.* (2019). *Mon. Not. Royal Astron. Soc.*, **482**, 1545. “The Berkeley Sample of Stripped-Envelope Supernovae.”
- \*908) M. L. Graham, *et al.* (2019). *Astrophys. Jour.*, **871**, 62. “Delayed Circumstellar Interaction for Type Ia SN 2015cp Revealed by an *HST* Ultraviolet Imaging Survey.”
- \*909) A. Pancoast, *et al.* (2019). *Astrophys. Jour.*, **871**, 108. “The Lick AGN Monitoring Project 2011: Photometric Light Curves.”
- \*910) T. M. C. Abbott, *et al.* (DES Collaboration) (2019). *Astrophys. Jour. (Letters)*, **872**, L30. “First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters.”
- 911) R. Akeson, *et al.* (2019; arXiv:1902.05569). “The Wide Field Infrared Survey Telescope: 100 Hubbles for the 2020s”
- \*912) N. Blagorodnova, *et al.* (2019). *Astrophys. Jour.*, **873**, 92 (arXiv:1809.07446). “The Broad Absorption Line Tidal Disruption Event iPTF15af: Optical and Ultraviolet Evolution.”
- \*913) D. Brout, *et al.* (2019). *Astrophys. Jour.*, **874**, 150 (arXiv:1811.02377). “First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation.”
- \*914) S. Van Dyk, *et al.* (2019). *Astrophys. Jour.*, **875**, 136. “The Type II-Plateau Supernova 2017eaw in NGC 6946 and Its Red Supergiant Progenitor.”
- 915) F. Timmes, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 2. “Catching Element Formation In The Act; The Case for a New MeV Gamma-Ray Mission: Radionuclide Astronomy in the 2020s.”
- 916) D. Scolnic, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 270. “The Next Generation of Cosmological Measurements with Type Ia Supernovae.”
- 917) R. J. Foley, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 295 (arXiv:1903.04553). “Gravity and Light: Combining Gravitational Wave and Electromagnetic Observations in the 2020s.”
- 918) R. J. Foley, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 305 (arXiv:1903.04582). “WFIRST: Enhancing Transient Science and Multi-Messenger Astronomy.”
- 919) D. Milisavljevic, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 481 (arXiv:1904.05897). “Achieving Transformative Understanding of Extreme Stellar Explosions with ELT-Enabled Late-time Spectroscopy.”
- 920) A. M. Koekemoer, *et al.* (2019). *Bull. Amer. Astron. Soc.*, **51**, 550 (arXiv:1903.06154). “An Ultra Deep Field Survey with WFIRST.”
- \*921) S.-Q. Wang, Z. Cano, L. Li, L.-D. Liu, L.-J. Wang, W. Zheng, Z.-G. Dai, E.-W. Liang, and A. V. Filippenko (2019). *Astrophys. Jour.*, **877**, 20 (arXiv:1904.06598). “Modeling the Light Curves of the Luminous Type Ic Supernova 2007D.”
- \*922) R. Kessler, *et al.* (2019). *Mon. Not. Royal Astron. Soc.*, **485**, 1171–1187 (arXiv:1811.02379). “First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Simulations to Correct Supernova Distance Biases.”
- \*923) T. M. C. Abbott, *et al.* (DES Collaboration) (2019). *Phys. Rev. (Letters)*, **122**, 171301 (arXiv:1811.02375). “Cosmological Constraints from Multiple Probes in the Dark Energy Survey.”
- \*924) E. Macaulay, *et al.* (2019). *Mon. Not. Royal Astron. Soc.*, **486**, 2184–2196 (arXiv:1811.02376). “First Cosmology Results Using Type Ia Supernovae From the Dark Energy Survey: Measurement of the Hubble Constant.”

- 925) L. Peticolas, *et al.* (2019). In *Celebrating the 2017 Great American Eclipse: Lessons Learned from the Path of Totality*, ed. S. R. Buxner, L. Shore, and J. B. Jensen (ASP Conference Series, Vol. 516), 337. “Eclipse Megamovie 2017 Successes and Potential For Future Work.”
- \*926) M. W. Healy, M. J. Darnley, C. M. Copperwheat, A. V. Filippenko, M. Henze, J. C. Hestenes, P. A. James, K. L. Page, S. C. Williams, and W. Zheng (2019), *Mon. Not. Royal Astron. Soc.*, **486**, 4334–4347. “AT 2017fvz: A Nova in the Dwarf Irregular Galaxy NGC 6822.”
- 927) A. Arbet-Engels, *et al.* (2019). In *Proceedings, 36th International Cosmic Ray Conference (ICRC2019)* (Sissa Medialab srl Partita IVA), <https://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=358>. “Studying the Extreme Behaviour of 1ES 2344+51.4.”
- \*928) I. Liodakis, R. W. Romani, A. V. Filippenko, D. Kocevski, and W. Zheng (2019). *Astrophys. Jour.*, **880**, 32 (arXiv:1905.11418). “Probing Blazar Emission Processes with Optical/Gamma-ray Flare Correlations.”
- \*929) S. Holmbo, *et al.* (2019). *Astron. Astrophys.*, **627**, A174 (arXiv:1809.01359). “Discovery and Progenitor Constraints on the Type Ia Supernova 2013gy.”
- \*930) Chen, W., *et al.* (2019). *Astrophys. Jour.*, **881**, 8. “Searching for Highly Magnified Stars at Cosmological Distances: Discovery of a Redshift 0.94 Blue Supergiant in Archival Images of the Galaxy Cluster MACS J0416.1-2403.”
- \*931) G. A. Kriss, *et al.* (2019). *Astrophys. Jour.*, **881**, 153. “Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum.”
- \*932) C. Ashall, *et al.* [23 authors] (2019). *Mon. Not. Royal Astron. Soc.*, **487**, 5824–5839. “GRB 161219B/SN 2016jca: A Powerful Stellar Collapse.”
- \*933) K. Bhirohbhakdi, R. Chornock, A. A. Miller, A. V. Filippenko, S. B. Cenko, and N. Smith (2019). *Mon. Not. Royal Astron. Soc.*, **488**, 3783–3793. “The Type II Superluminous SN 2008es at Late Times: Near-Infrared Excess and Circumstellar Interaction.”
- \*934) B. Trakhtenbrot, *et al.* (2019). *Astrophys. Jour.*, **883**, 94. “1ES 1927+654: An AGN Caught Changing Look on a Timescale of Months.”
- \*935) P. Draghis, R. W. Romani, A. V. Filippenko, T. G. Brink, W. Zheng, J. P. Halpern, and F. Camilo (2019). *Astrophys. Jour.*, **883**, 108. “Multiband Optical Light Curves of Black-Widow Pulsars.”
- \*936) I. Irani, *et al.* (2019). *Astrophys. Jour.*, **887**, 127 (arXiv:1904.01425). “On the Origin of SN 2016hil – A Type II Supernova in the Remote Outskirts of an Elliptical Host.”
- \*937) T. de Jaeger, *et al.* (2019). *Mon. Not. Royal Astron. Soc.*, **490**, 2799–2821 (arXiv:1909.13813). “The Berkeley Sample of Type II Supernovae: BVRI Light Curves and Spectroscopy of 55 SNe II.”
- \*938) B. E. Stahl, *et al.* (2019). *Mon. Not. Royal Astron. Soc.*, **490**, 3882–3907 (arXiv:1909.11140). “Lick Observatory Supernova Search Follow-Up Program: Photometry Data Release of 93 Type Ia Supernovae.”
- \*939) C. D. Huang, *et al.* (2020). *Astrophys. Jour.*, **889**, 5 (arXiv:1908.10883). “Hubble Space Telescope Observations of Mira Variables in the Type Ia Supernova Host NGC 1559: An Alternative Candle to Measure the Hubble Constant.”
- \*940) J. Wang, *et al.* (2020). *Astron. Jour.*, **159**, 35 (arXiv:1911.06678). “Photometric and Spectroscopic Studies of Superoutbursts of Three Dwarf Novae Independently Identified by the SVOM/GWAC System in 2018.”
- \*941) Y.-C. Pan, R. J. Foley, D. O. Jones, A. V. Filippenko, and N. P. M. Kuin (2020). *Mon. Not. Royal Astron. Soc.*, **491**, 5897–5910 (arXiv:1906.09554). “Swift UVOT Grism Observations of Nearby Type Ia Supernovae – II. Probing the Progenitor Metallicity of SNe Ia with Ultraviolet Spectra.”
- \*942) R. J. Foley, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **491**, 5991–5999 (arXiv:1806.v08359). “Significant Luminosity Differences of Two Twin Type Ia Supernovae.”

- \*943) B. E. Stahl, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **492**, 4325–4343 (arXiv:2001.03235). “Berkeley Supernova Ia Program: Data Release of 637 Spectra from 247 Type Ia Supernovae.”
- \*944) N. Smith, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **492**, 5897–5915 (arXiv:2001.02725). “A New and Unusual LBV-like Outburst From a Wolf-Rayet Star in the Outskirts of M33.”
- \*945) A. Kumar, *et al.* (2020). *Astrophys. Jour.*, **892**, 28 (arXiv:2002.04201). “SN 2010kd: Photometric and Spectroscopic Analysis of a Slow-Decaying Superluminous Supernova.”
- \*946) H. Cho, *et al.* (2020). *Astrophys. Jour.*, **892**, 93 (arXiv:2002.08028). “Variability and the Size-Luminosity Relation of the Intermediate Mass AGN in NGC 4395.”
- \*947) X. Han, *et al.* (2020). *Astrophys. Jour.*, **892**, 142 (arXiv:1911.07734). “SN 2017cfd: A Normal Type Ia Supernova Discovered Very Young.”
- \*948) M. Modjaz, *et al.* (2020). *Astrophys. Jour.*, **892**, 153 (arXiv:1901.00872). “Host Galaxies of Type Ic and Broad-lined Type Ic Supernovae from the Palomar Transient Factory: Implications for Jet Production.”
- \*949) A. Nyholm, *et al.* (2020). *Astron. Astrophys.*, **637**, A73 (arXiv:190605812). “Type IIn Supernova Light-Curve Properties Measured From an Untargeted Survey Sample.”
- \*950) K. A. Bostroem, *et al.* (2020). *Astrophys. Jour.*, **895**, 31 (arXiv:1909.07304). “Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068.”
- \*951) T. de Jaeger, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **495**, 4860–4892 (arXiv:2005.09757). “Studying Type II Supernovae as Cosmological Standard Candles Using the Dark Energy Survey.”
- \*952) L. Xie, *et al.* (2020). *Astrophys. Jour.*, **896**, 4. “Early Optical Observations of GRB 150910A: Bright Jet Optical Afterglow and X-ray Dipole Radiation from a Magnetar Central Engine.”
- 953) S. Paulson, M. Shiota, C. Henderson, and A. V. Filippenko (2020). *Annals of the New York Acad. Sci.*, doi:10.1111/nyas.14317. “Unpacking Wonder: From Curiosity to Comprehension.”
- \*954) T. de Jaeger, B. E. Stahl, W. Zheng, A. V. Filippenko, A. G. Riess, and L. Galbany (2020). *Mon. Not. Royal Astron. Soc.*, **496**, 3402–3411 (arXiv:2006.03412). “A Measurement of the Hubble Constant from Type II Supernovae.”
- \*955) B. E. Stahl, J. Martínez-Palomera, W. Zheng, T. de Jaeger, A. V. Filippenko, and J. S. Bloom (2020). *Mon. Not. Royal Astron. Soc.*, **496**, 3553–3571 (arXiv:2006.06745). “deepSIP: Linking Type Ia Supernova Spectra to Photometric Quantities with Deep Learning.”
- \*956) MAGIC Collaboration, V. A. Acciari, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **496**, 3912–3928 (arXiv:2006.06796). “An Intermittent Extreme HBL: MWL Study of 1ES 2344+514 in an Enhanced State.”
- \*957) W. L. Lin, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **497**, 318–335 (arXiv:2006.16443). “SN 2018hti: A Nearby Superluminous Supernova Discovered in a Metal-poor Galaxy.”
- \*958) E. Pian, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **497**, 3542–3556 (arXiv:2007.13144). “PTF11rka: An Interacting Supernova at the Crossroads of Stripped-Envelope and H-poor Superluminous Stellar Core Collapse.”
- 959) A. V. Filippenko (2020). In *Origin and Evolution of the Universe: From Big Bang to ExoBiology*, 2nd edition, ed. M. A. Malkan and B. Zuckerman (Singapore: World Scientific). “Stellar Explosions, Neutron Stars, and Black Holes.”
- \*960) O. D. Fox, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **498**, 517–531 (arXiv:2008.02301). “The Slow Demise of the Long-Lived SN 2005ip.”
- \*961) J. Zhang, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **498**, 84–100 (arXiv:2007.14348). “SN 2018zd: An Unusual Stellar Explosion Decoding the Observed Diversity of Type II Supernovae.”
- \*962) L. Li *et al.* (2020). *Astrophys. Jour.*, **900**, 176 (arXiv:2008.02445). “GRB 140423A: A Case of Stellar Wind to Interstellar Medium Transition in the Afterglow.”
- \*963) P. R. Williams, *et al.* (2020). *Astrophys. Jour.*, **902**, 74 (arXiv:2010.00594). “Space Telescope and Optical Reverberation Mapping Project. XII. Broad-Line Region Modeling of NGC 5548.”

- \*964) S. S. Vasylyev and A. V. Filippenko (2020). *Astrophys. Jour.*, **902**, 149 (arXiv:2007.11148). “A Measurement of the Hubble Constant using Gravitational Waves from the Binary Merger GW190814.”
- \*965) D. Kandel, R. W. Romani, A. V. Filippenko, T. G. Brink, and W. Zheng (2020). *Astrophys. Jour.*, **903**, 39 (arXiv:2009.04105). “Heated Poles on the Companion of Redback PSR J2339–0533.”
- \*966) D. A. Perley, *et al.* (2020). *Astrophys. Jour.*, **904**, 35 (arXiv:2009.01242). “The Zwicky Transient Facility Bright Transient Survey. II. A Public Statistical Sample for Exploring Supernova Demographics.”
- \*967) C. Bilinski, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **498**, 3835–3851 (arXiv:2007.12134). “SN 2014ab: An Aspherical Type II<sub>n</sub> Supernova with Low Polarization.”
- \*968) K. D. Zhang, *et al.* (2020). *Mon. Not. Royal Astron. Soc.*, **499**, 5325–5333 (arXiv:2010.05403). “Distribution of Si II  $\lambda$ 6355 Velocities of Type Ia Supernovae and Implications for Asymmetric Explosions.”
- \*969) K. D. Horne, *et al.* (2021). *Astrophys. Jour.*, **907**, 76 (arXiv:2003.01448). “Space Telescope and Optical Reverberation Mapping Project. IX. Velocity-Delay Maps for Broad Emission Lines in NGC 5548.”
- \*970) N. L. Strotjohann, *et al.* (2021). *Astrophys. Jour.*, **907**, 99 (arXiv:2010.11196). “Bright, Months-Long Stellar Outbursts Announce the Explosion of Interaction-Powered Supernovae.”
- \*971) R. W. Romani, D. Kandel, A. V. Filippenko, T. G. Brink, and W. Zheng (2021). *Astrophys. Jour.*, **908**, L46 (arXiv:2101.09822). “PSR J1810+1744: Companion Darkening and a Precise High Neutron Star Mass.”
- \*972) A. M. Hoffman, Y. S. Murakami, W. Zheng, B. E. Stahl, and A. V. Filippenko (2021). *Mon. Not. Royal Astron. Soc.*, **502**, 818–835 (arXiv:2008.09778). “Periods and Classifications of RR Lyrae Stars in the Globular Cluster M15.”
- \*973) X. Zeng, *et al.* (2021). *Astrophys. Jour.*, **909**, 176 (arXiv:2101.08512). “SN 2017hpa: A Nearby Carbon-rich Type Ia Supernova with a Large Velocity Gradient.”
- \*974) K. D. Zhang, Y. S. Murakami, B. E. Stahl, K. C. Patra, and A. V. Filippenko (2021). *Mon. Not. Royal Astron. Soc.*, **503**, L33–L37 (arXiv:2012.06215). “Improving Bayesian Posterior Correlation Analysis on Type Ia Supernova Luminosity Evolution.”
- \*975) S. Bose, *et al.* (2021). *Mon. Not. Royal Astron. Soc.*, **503**, 3472–3491 (arXiv:2007.00008). “ASASSN-18am/SN 2018gk: An Overluminous Type II<sub>b</sub> Supernova from a Massive Progenitor.”
- 976) C. L. Ransome, S. M. Habergham-Mawson, M. J. Darnley, P. A. James, A. V. Filippenko, and E. M. Schlegel (2021). *Research Notes of the AAS*, **5**, 121. “The Spectral Reclassification of Nearby ( $z < 0.02$ ) Type II<sub>n</sub> Supernovae.”
- \*977) Y. S. Murakami, B. E. Stahl, K. D. Zhang, M. R. Chu, E. C. McGinness, K. C. Patra, and A. V. Filippenko (2021). *Mon. Not. Royal Astron. Soc.*, **504**, L34–L39 (arXiv:2012.06217). “On the Relationship between Type Ia Supernova Luminosity and Host-Galaxy Properties.”
- 978) M. Manganaro, *et al.* (2021). *Publ. Astron. Obs. Belgrade*, **100**, 281–286. “The Intermittent Extreme Behaviour of BL Lac 1ES 2344+514.”
- \*979) D. Hiramatsu, *et al.* (2021). *Nature Astronomy*, **5**, 903–910 (arXiv:2011.02176). “The Electron-Capture Origin of Supernova 2018zd.”
- \*980) S. D. Wyatt, *et al.* (2021). *Astrophys. Jour.*, **914**, 57 (arXiv:2012.02858). “Strong Near-Infrared Carbon Absorption in the Transitional Type Ia SN 2015bp.”
- \*981) T. Hung, *et al.* (2021). *Astrophys. Jour.*, **917**, 9 (arXiv:2011.01593). “Discovery of a Fast Iron Low-Ionization Outflow in the Early Evolution of the Nearby Tidal Disruption Event AT2019qiz.”
- \*982) B. E. Stahl, T. de Jaeger, W. Zheng, and A. V. Filippenko (2021). *Mon. Not. Royal Astron. Soc.*, **505**, 2300–2308 (arXiv:/2105.04446). “The Snapshot Distance Method: Estimating the Distance to a Type Ia Supernova from Minimal Observations.”

- \*983) B. E. Stahl, T. de Jaeger, S. S. Boruah, W. Zheng, A. V. Filippenko, and M. J. Hudson (2021). *Mon. Not. Royal Astron. Soc.*, **505**, 2349–2360 (arXiv:2105.05185). “Peculiar-Velocity Cosmology with Types Ia and II Supernovae.”
- \*984) A. Aryan, *et al.* (2021). *Mon. Not. Royal Astron. Soc.*, **505**, 2530–2547 (arXiv:2105.05088). “Progenitor Mass Constraints for the Type Ib Intermediate-Luminosity SN 2015ap and the Highly Extinguished SN 2016bau.”
- \*985) J. E. Andrews, *et al.* (2021). *Astrophys. Jour.*, **917**, 63, (arXiv:2009.13541). “The Blue Supergiant Progenitor of the Supernova Imposter AT 2019krl.”
- \*986) X. Wang, *et al.* (2021). *Astrophys. Jour.*, **917**, 97 (arXiv:2106.06690). “ASASSN-14ms: The Most Energetic Known Explosion of a Type Ibn Supernova and its Physical Origin.”
- \*987) S. Schulze, *et al.* (2021). *Astrophys. Jour. Suppl. Ser.*, **255**, 29 (arXiv:2008.05988). “The Palomar Transient Factory Core-Collapse Supernova Host-Galaxy Sample. I. Host-Galaxy Distribution Functions and Environment-Dependence of CCSNe.”
- \*988) H. Lin, *et al.* (2021). *Mon. Not. Royal Astron. Soc.*, **505**, 4890–4905 (arXiv:2106.04375). “SN 2015bf: A Fast Declining Type II Supernova with Flash-Ionised Signatures.”
- \*989) T. Szalai, *et al.* (2021). *Astrophys. Jour.*, **919**, 17 (arXiv:2106.12427). “Spitzer’s Last Look at Extragalactic Explosions: Long-Term Evolution of Interacting Supernovae.”
- \*990) X. Zeng, *et al.* (2021). *Astrophys. Jour.*, **919**, 49 (arXiv:2106.12164). “SN 2017fgc: A Fast-Expanding Type Ia Supernova Exploded in Massive Shell Galaxy NGC 474.”
- \*991) O. D. Fox, *et al.* (2021). *Mon. Not. Royal Astron. Soc.*, **506**, 4199–4209 (arXiv:2106.09733). “A Spitzer Survey for Dust-Obscured Supernovae.”
- \*992) C. L. Ransome, S. M. Habergham-Mawson, M. J. Darnley, P. A. James, A. V. Filippenko, and E. M. Schlegel (2021). *Mon. Not. Royal Astron. Soc.*, **506**, 4715–4734 (arXiv:2107.02179). “A Systematic Reclassification of Type II<sub>n</sub> Supernovae.”
- \*993) R. M. Lau, *et al.* (2021). *Astrophys. Jour.*, **922**, 5 (arXiv:2103.08771). “Discovery of a 300 Day Period from the Enshrouded Massive Binary NaSt1 (WR 122).”
- \*994) H. Cho, *et al.* (2021). *Astrophys. Jour.*, **921**, 98 (arXiv:2108.07756). “H $\alpha$  Reverberation Mapping of the Intermediate-Mass Active Galactic Nucleus in NGC 4395.”
- \*995) J. Sollerman, *et al.* (2021). *Astron. Astrophys.*, **655**, A105 (arXiv:2107.14503). “The Type II Supernova SN 2020jfo in M61, Implications for Progenitor System, and Explosion Dynamics.”
- \*996) E. Kara, *et al.* (2021). *Astrophys. Jour.*, **922**, 151 (arXiv:2105.05840). “AGN STORM 2: I. First Results: A Change in the Weather of Mrk 817.”
- \*997) S. González-Gaitán, T. de Jaeger, L. Galbany, A. Mourao, A. Paulina-Afonso, and A. V. Filippenko (2021). *Mon. Not. Royal Astron. Soc.*, **508**, 4656–4666 (arXiv:2009.13230). “The Effects of Varying Colour-Luminosity Relations on Type Ia Supernova Science.”
- \*998) C. D. Kilpatrick, *et al.* (2021). *Astrophys. Jour.*, **923**, 258 (arXiv:2106.06897). “The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star-Black Hole Merger GW190814.”
- 999) H. S. Hudson, *et al.* (2021). *Jour. Astron. History & Heritage*, **24**, 1080–1089 (arXiv:2207.13704). “The Eclipse Megamovie Project (2017).”
- \*1000) A. Gal-Yam, *et al.* (2022). *Nature*, **601**, 201–204 (arXiv:2111.12435). “A WC/WO Star Exploding within an Expanding Carbon-Oxygen-Neon Nebula.”
- \*1001) X. Zhang, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **509**, 2013–2032. “SN 2018hfm: A Low-Energy Type II Supernova with Prominent Signatures of Circumstellar Interaction and Dust Formation.”
- \*1002) K. C. Patra, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **509**, 4058–4070. “Spectropolarimetry of the Type Ia SN 2019ein Rules Out Significant Global Asphericity of the Ejecta.”
- \*1003) U, V., *et al.* (2022). *Astrophys. Jour.*, **925**, 52 (arXiv:2111.14849). “The Lick AGN Monitoring Project 2016: Velocity-Resolved H $\beta$  Lags in Luminous Seyfert Galaxies.”

- \*1004) J. Wang, W. K. Zheng, D. W. Xu, T. G. Brink, A. V. Filippenko, C. Gao, S. S. Sun, and J. Y. Wei (2022). *Research Astron. Astrophys.*, **22**, 015011 (arXiv:2110.13810). “B3 0749+460A: A New Repeat ‘Changing-Look’ Active Galactic Nucleus Associated with X-ray Spectral Slope Variations.”
- \*1005) A. Corgan, N. Smith, J. Andrews, A. V. Filippenko, and S. D. Van Dyk (2022). *Mon. Not. Royal Astron. Soc.*, **510**, 1–10. “Massive Stars Dying Alone: The Remote Environment of SN 2010jp and its Associated Late-Time Source.”
- \*1006) M. R. Chu, A. Cikota, D. Baade, F. Patat, A. V. Filippenko, J. C. Wheeler, J. Maund, M. Bulla, Y. Yang, P. Höflich, and L. Wang (2022). *Mon. Not. Royal Astron. Soc.*, **509**, 6028–6046. “An Imaging Polarimetry Survey of Type Ia Supernovae: Are Peculiar Extinction and Polarization Properties Produced by Circumstellar or Interstellar Matter?”
- \*1007) G. Terreran, *et al.* (2022). *Astrophys. Jour.*, **926**, 20 (arXiv:2105.12296). “The Early Phases of Supernova 2020pni: Shock-Ionization of the Nitrogen-Enriched Circumstellar Material.”
- \*1008) M. Soraisam, *et al.* (2022). *Astrophys. Jour. (Letters)*, **926**, L11 (arXiv:2201.08936). “Optical Rebrightening of Extragalactic Transients from the Zwicky Transient Facility.”
- \*1009) A. Melandri, *et al.* (2022). *Astron. Astrophys.*, **659**, A39 (arXiv:2112.04759). “The Supernova of the MAGIC gamma-ray burst GRB190114C.”
- 1010) M. Manganaro, *et al.* (2022). *Proc., 37th International Cosmic Ray Conference (ICRC 2021)* (Berlin, Germany), <https://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=395>, 815. “MAGIC and H.E.S.S. Detect VHE Gamma Rays from the Blazar OT 081 for the First Time: A Deep Multiwavelength Study.”
- \*1011) D. A. Perley, *et al.* (2022). *Astrophys. Jour.*, **927**, 180 (arXiv:2111.12110). “The Type Icn SN 2021csp: Implications for the Origins of the Fastest Supernovae and the Fates of Wolf-Rayet Stars.”
- \*1012) O. D. Fox, *et al.* (2022). *Astrophys. Jour. (Letters)*, **929**, L15 (arXiv:2203.01357). “The Candidate Progenitor Companion Star of the Type Ib/c SN 2013ge.”
- \*1013) P. Chen, *et al.* (2022). *Astrophys. Jour. Supp.*, **259**, 53. “The First Data Release of CNIa0.02 – A Complete Nearby (Redshift < 0.02) Sample of Type Ia Supernova Light Curves.”
- \*1014) L. Villafaña, *et al.* (2022). *Astrophys. Jour.*, **930**, 52 (arXiv:2203.15000). “The Lick AGN Monitoring Project 2016: Dynamical Modeling of Velocity-Resolved H $\beta$  Lags in Luminous Seyfert Galaxies.”
- \*1015) W. Zheng, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **512**, 3195–3214. “The Lick Observatory Supernova Search Follow-up Program: Photometry Data Release of 70 SESNe.”
- \*1016) A. G. Riess, *et al.* (2022). *Astrophys. Jour. (Lett.)* **934**, L7 (arXiv:2112.04510). “A Comprehensive Measurement of the Local Value of the Hubble Constant with 1 km/s/Mpc Uncertainty from the Hubble Space Telescope and the SH0ES Team.”
- \*1017) T. W.-S. Holoien, *et al.* (2022). *Astrophys. Jour.*, **933**, 196 (arXiv:2109.07480). “Investigating the Nature of the Luminous Ambiguous Nuclear Transient ASASSN-17jz.”
- \*1018) S. S. Vasylyev, *et al.* (2022). *Astrophys. Jour.*, **934**, 134 (arXiv:2203.08001). “Early-time Ultraviolet Spectroscopy and Optical Follow-up Observations of the Type IIP Supernova 2021yja.”
- \*1019) R. W. Romani, D. Kandel, A. V. Filippenko, T. G. Brink, and W. Zheng (2022). *Astrophys. Jour. (Lett.)*, **934**, L18. “PSR J0952–0607: The Fastest and Heaviest Known Galactic Neutron Star.”
- 1020) E. Abrahams, *et al.* (2022). arXiv:2011.12253. “Informing the Cataclysmic Variable Donor Sequence from Gaia DR2 Color-Magnitude and Inferred Variability Metrics.”
- \*1021) A. Kozyreva, J. Klencki, A. V. Filippenko, P. Baklanov, A. Mironov, S. Justham, and A. Chiavassa (2022). *Astrophys. Jour. (Lett.)*, **934**, L31 (arXiv:2207.09976). “The Circumstellar Material Around the Type IIP SN 2021yja.”
- \*1022) Y. S. Murakami, C. Jennings, A. M. Hoffman, J. Sunseri, R. Baer-Way, B. E. Stahl, A. B. Savel, I. Altunin, N. Girish, and A. V. Filippenko (2022). *Mon. Not. Royal Astron. Soc.*, **514**,

- 4489–4505 (arXiv:2107.14223). “PIPS, An Advanced Platform for Period Detection in Time Series – I. Fourier-Likelihood Periodogram and Application to RR Lyrae Stars.”
- \*1023) T. de Jaeger, L. Galbany, A. G. Riess, B. E. Stahl, B. J. Shappee, A. V. Filippenko, and W. Zheng (2022). *Mon. Not. Royal Astron. Soc.*, **514**, 4620–4628 (arXiv:2203.08974). “A 5% Measurement of the Hubble-Lemaître Constant from Type II Supernovae.”
  - \*1024) N. Smith, J. Andrews, A. V. Filippenko, O. D. Fox, J. C. Mauerhan, and S. D. Van Dyk (2022). *Mon. Not. Royal Astron. Soc.*, **515**, 71–81 (arXiv:2205.02896). “SN 2009ip After a Decade: The Luminous Blue Variable Progenitor is Now Gone.”
  - \*1025) K. C. Patra, W. Lu, T. G. Brink, Y. Yang, A. V. Filippenko, and S. S. Vasylyev (2022). *Mon. Not. Royal Astron. Soc.*, **515**, 138–145 (arXiv:2206.09039). “Spectropolarimetry of the Tidal Disruption Event AT 2019qiz: A Quasispherical Reprocessing Layer.”
  - \*1026) C. J. Aouad, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **515**, 4445–4463 (arXiv:2207.08947). “Abundance Stratification in Type Ia Supernovae – VI: The Peculiar Slow Decliner SN 1999aa.”
  - \*1027) H. Xu, *et al.* (2022). *Nature*, **609**, 685–688 [Author correction: **611**, E12 (2022)] (arXiv:2111.11764). “A Fast Radio Burst Source at a Complex Magnetized Site in a Barred Galaxy.”
  - \*1028) A. Y. Q. Ho, *et al.*, (2022). *Astrophys. Jour.*, **938**, 85. “Cosmological Fast Optical Transients with the Zwicky Transient Facility: A Search for Dirty Fireballs.”
  - \*1029) D. Brout, *et al.* (2022). *Astrophys. Jour.*, **938**, 110 (arXiv:2202.04077). “The Pantheon+ Analysis: Cosmological Constraints.”
  - \*1030) D. Scolnic, *et al.* (2022). *Astrophys. Jour.*, **938**, 113, (arXiv:2112.03863). “The Pantheon+ Type Ia Supernova Sample: The Full Dataset and Light-Curve Release.”
  - \*1031) Y.-Z. Cai, *et al.* (2022). *Astron. Astrophys.*, **667**, A4 (arXiv:2207.00734). “Forbidden Hugs in Pandemic Times. III. Observations of the Luminous Red Nova AT 2021biy in the Nearby Galaxy NGC 4631.”
  - \*1032) J. D. R. Pierel, *et al.* (2022). *Astrophys. Jour.*, **939**, 11 (arXiv:2209.05594). “SALT3-NIR: Taking the Open-Source Type Ia Supernova Model to Longer Wavelengths for Next-Generation Cosmological Measurements.”
  - \*1033) Y. Yang, *et al.* (2022). *Astrophys. Jour.*, **939**, 18 (arXiv:2208.12862). “Spectropolarimetry of the Thermonuclear Supernova 2021rhu: High Calcium Polarization 79 Days after Peak Luminosity.”
  - \*1034) X.-G. Wang, *et al.* (2022). *Astrophys. Jour.*, **939**, 39. “GRB 110213A: A Study of Afterglow Electromagnetic Cascade Radiation.”
  - \*1035) W. Yuan, L. M. Macri, A. G. Riess, T. G. Brink, S. Casertano, A. V. Filippenko, S. L. Hoffman, C. D. Huang, and D. Scolnic (2022). *Astrophys. Jour.*, **940**, 64 (arXiv:2203.06681). “Absolute Calibration of Cepheid PeriodLuminosity Relations in NGC 4258.”
  - \*1036) E. Guise, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **516**, 4898–4915 (arXiv:2209.01409). “Dust Reverberation Mapping and Light-Curve Modelling of Zw229-015.”
  - \*1037) W. Chen, *et al.* (2022). *Nature*, **611**, 256–259. “Shock Cooling of a Red-Supergiant Supernova at Redshift 3 in Lensed Images.”
  - \*1038) P. A. Duverne, S. Antier, S. Basa, D. Corre, M. W. Coughlin, A. V. Filippenko, A. Klotz, P. Hello, and W. Zheng (2022). *Publ. Astron. Soc. Pacific.*, **134**, 114504 (arXiv:2201.07565). “MUPHOTEN: A MULTiband PHOTometry Tool for TELEscope Network.”
  - \*1039) B. A. Joshi, *et al.* (2022). *Astrophys. Jour.*, **941**, 146 (arXiv:2205.12949). “High-Precision Redshifts for Type Ia Supernovae with the Nancy Grace Roman Space Telescope P127 Prism.”
  - \*1040) A. Aryan, *et al.* (2022). *Mon. Not. Royal Astron. Soc.*, **517**, 1750–1766 (arXiv:2208.07377). “SN 2016iyc: A Type IIb Supernova Arising from a Low-Mass Progenitor.”
  - \*1041) G. Xi, *et al.* (2022). *Astrophys. Jour.*, **517**, 4098 (arXiv:2209.14731). “SN 2019ein: A Type Ia Supernova Likely Originated from a Sub-Chandrasekhar-Mass Explosion.”
  - \*1042) J. Lin, *et al.* (2023). *Nature Astronomy*, **7**, 223–233 (arXiv: 2209.06617). “An 18.9 min Blue Large-Amplitude Pulsator Crossing the ‘Hertzsprung Gap’ of Hot Subdwarfs.”

- \*1043) B. Ailawadhi, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **519**, 248–270 (arXiv:2211.02823). “Photometric and Spectroscopic Analysis of the Type II SN 2020jfo with a Short Plateau.”
- \*1044) S. D. Van Dyk, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **519**, 471–482 (arXiv:2212.00179). “The Disappearances of Six Supernova Progenitors.”
- \*1045) Y. Yang, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **519**, 1618–1647. (arXiv:2211.04423). “The Interaction of Supernova 2018evt with a Substantial Amount of Circumstellar Matter – An SN 1997cy-like Event.”
- \*1046) P. Hoefflich, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **520**, 560–582 (arXiv:2301.04721). “The Core Normal Type Ia Supernova 2019np — An Overall Spherical Explosion with an Aspherical Surface Layer and an Aspherical  $^{56}\text{Ni}$  Core.”
- \*1047) S. de Wet, *et al.* (2023). *Astron. Astrophys.*, **671**, A116 (arXiv:2301.11985). “The Triple-Peaked Afterglow of GRB 210731A from X-ray to Radio Frequencies.”
- \*1048) A. Pastorello, *et al.* (2023). *Astron. Astrophys.*, **671**, A158 (arXiv:2208.02782). “Forbidden Hugs in Pandemic Times. IV. Panchromatic Evolution of Three Luminous Red Novae”
- \*1049) C. Liu, *et al.* (2023). *Astrophys. Jour.*, **946**, 83 (arXiv:2209.04463). “SN 2020jgb: A Peculiar Type Ia Supernova Triggered by a Massive Helium-Shell Detonation in a Star-Forming Galaxy.”
- \*1050) P. Chen, *et al.* (2023). *Astrophys. Jour.*, **946**, 101 (arXiv:2112.13364). “A Linear Relation Between the Color Stretch  $s_{BV}$  and the Rising Color Slope  $s_0^*(B - V)$  of Type Ia Supernovae.”
- \*1051) D. Xiang, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **520**, 2965–2982 (arXiv:2301.09953). “SN 2018hna: Adding a Piece to the Puzzles of the Explosion of Blue Supergiants.”
- \*1052) E. R. Partington, *et al.* (2023). *Astrophys. Jour.*, **947**, 2 (arXiv:2302.12896). “AGN STORM 2. III. A NICER View of the Variable X-ray Obscurer in Mrk 817.”
- \*1053) T. Morishita, *et al.* (2023). *Astrophys. Jour. (Lett.)*, **947**, L24 (arXiv:2211.09097). “Early Results from GLASS-JWST. XIV: A Spectroscopically Confirmed Protocluster 650 Million Years after the Big Bang.”
- \*1054) H. Williams, *et al.* (2023). *Science*, **380**, 416–420 (arXiv:2210.15699). “A Magnified Compact Galaxy at Redshift 9.51 with Strong Nebular Emission Lines.”
- \*1055) Y. Sharma, *et al.* (2023). *Astrophys. Jour.*, **948**, 52 (arXiv:2301.04637). “A Systematic Study of Ia-CSM Supernovae from the ZTF Bright Transient Survey.”
- \*1056) Y. Homayouni, *et al.* (2023). *Astrophys. Jour.*, **948**, 85 (arXiv:2302.11587). “AGN STORM 2: II. Ultraviolet Observations of Mrk 817 with the Cosmic Origins Spectrograph on the Hubble Space Telescope.”
- \*1057) P. K. Kelly, *et al.* (2023). *Astrophys. Jour.*, **948**, 93 (arXiv:2305.06377). “The Magnificent Five Images of Supernova Refsdal: Time Delay and Magnification Measurements.”
- \*1058) L. Villafaña, *et al.* (2023). *Astrophys. Jour.*, **948**, 95 (2304.06764). “What Does the Geometry of the  $\text{H}\beta$  BLR Depend On?”
- \*1059) V. Karambelkar, *et al.* (2023). *Astrophys. Jour.*, **948**, 137 (arXiv:2211.05141). “Volumetric Rates of Luminous Red Novae and Intermediate-Luminosity Red Transients with the Zwicky Transient Facility.”
- \*1060) M. Castellano, *et al.* (2023). *Astrophys. Jour. (Lett.)*, **948**, L14 (arXiv:2212.06666). “Early Results from GLASS-JWST. XIX. A High Density of Bright Galaxies at  $z \approx 10$  in the A2744 Region.”
- \*1061) J. Zhu, *et al.* (2023). *Astrophys. Jour.*, **949**, 23 (arXiv:2303.03424). “SN 2017egm: A Helium-Rich Superluminous Supernova with Multiple Bumps in the Light Curves.”
- \*1062) P. K. Kelly, *et al.* (2023). *Science*, **380**, abh1322 (arXiv:2305.06367). “Constraints on the Hubble Constant from Supernova Refsdal’s Reappearance.”
- \*1063) M. Aghakhanloo, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **521**, 1941–1957 (arXiv:2212.00113). “Repeating Periodic Eruptions of the Supernova Impostor SN 2000ch.”



- \*1064) A. P. Ravi, *et al.* (2023). *Astrophys. Jour.*, **950**, 14 (arXiv:2211.00205). “Near-Infrared and Optical Observations of Type Ic SN 2021krf: Luminous Late-time Emission and Dust Formation.”
- \*1065) Z. Li, *et al.* (2023). *Astrophys. Jour.*, **950**, 17 (arXiv:2305.09417). “SN 2016ije: An SN 2002es-like Type Ia Supernova Exploded in a Metal-Poor and Low-Surface Brightness Galaxy
- \*1066) A. K. Meena, *et al.* (2023). *Astrophys. Jour.*, **521**, 5224–5231 (arXiv:2211.01402). “Flashlights: An Off-Caustic Lensed Star at Redshift  $z = 1.26$  in Abell 370.”
- \*1067) G. Roberts-Borsani, *et al.* (2023). *Nature*, **618**, 480–483 (arXiv:2210.15639). “The Nature of an Ultra-Faint Galaxy in the Cosmic Dark Ages Seen with JWST.”
- \*1068) L. Dessart, C. P. Gutierrez, H. Kuncarayakti, O. D. Fox, and A. V. Filippenko (2023). *Astron. Astrophys.*, **675**, A33 (arXiv:2301.09089). “The Morphing of Decay Powered to Interaction Powered Type II Supernova Ejecta at Nebular Times.”
- \*1069) J. Guo, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 1591–1600 (arXiv:2305.11585). “Properties and Asteroseismological Analysis of a New ZZ Ceti Discovered by TMTS.”
- \*1070) Y. Camacho-Neves, *et al.* (2023). *Astrophys. Jour.*, **951**, 67 (arXiv:2302.03105). “Over 500 Days in the Life of the Photosphere of the Type Iax Supernova SN 2014dt.”
- \*1071) W. Lin, *et al.* (2023). *Nature Astron.*, **7**, 779–789 (arXiv:2304.10416). “A Superluminous Supernova Lightened by Collisions with Pulsational Pair-instability Shells.”
- \*1072) K. El-Badry, *et al.* (2023). *The Open Journal of Astrophysics*, **6**, 28 (arXiv:2306.03914). “The Fastest Stars in the Galaxy.”
- \*1073) L. A. Sgro, *et al.* (2023). *Res. Notes Amer. Astron. Soc. (RNAAS)*, **7**, 141 (arXiv:2307.14347). “Photometry of Type II Supernova SN 2023ixf with a Worldwide Citizen Science Network.”
- \*1074) J. Lin, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 2172–2192 (arXiv:2303.18050). “Minute-Cadence Observations of the LAMOST Fields with the TMTS: II. Catalogues of Short-Period Variable Stars from the First 2-yr Surveys.”
- \*1075) K. W. Davis, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 2530–2550 (arXiv:2211.05134). “SN 2022ann: A Type Icn Supernova from a Dwarf Galaxy that Reveals Helium in its Circumstellar Environment.”
- \*1076) K. X. Wang, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 3874–3884 (arXiv:2204.13553). “A Synthetic Roman Space Telescope High-Latitude Time-Domain Survey: Supernovae in the Deep Field.”
- \*1077) P. J. Pessi, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 5315–5340 (arXiv:2306.08880). “Broad-Emission-Line Dominated Hydrogen-Rich Luminous Supernovae.”
- \*1078) M. Shahbandeh, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **523**, 6048–6060 (arXiv:2301.10778). “JWST Observations of Dust Reservoirs in Type IIP Supernovae 2004et and 2017eaw.”
- \*1079) S. D. Van Dyk, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **524**, 2186–2194 (arXiv:2302.00274). “Identifying the SN 2022acko Progenitor with JWST.”
- \*1080) S. S. Vasylyev, *et al.* (2023). *Astrophys. Jour (Lett.)*, **955**, L37 (arXiv:2307.01268). “Early-time Spectropolarimetry of the Aspherical Type II Supernova SN 2023ixf.”
- \*1081) W. Li, *et al.* (2023). *Astrophys. Jour.*, **955**, 144 (arXiv:2305.12974). “Rapidly Evolving Transients in Archival ZTF Public Alerts.”
- \*1082) S. Risin, *et al.* (2023). *Res. Notes Amer. Astron. Soc. (RNASS)*, **7**, 229. “Optical Observations of the Type Ia Supernova 2022hrs.”
- \*1083) M. Aghakhanloo, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **526**, 456–472 (arXiv:2212.09708). “Recurring Outbursts of the Supernova Impostor AT 2016blu in NGC 4559.”
- \*1084) J. Liu, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, **526**, 1268–1286 (arXiv:2309.05538). “Implications for the Explosion Mechanism of Type Ia Supernovae from their Late-Time Spectra.”

- \*1085) J. Wang, W. K. Zheng, T. G. Brink, D. W. Xu, A. V. Filippenko, C. Gao, C. H. Xie, and J. Y. Wei (2023). *Astrophys. Jour.*, **956**, 137 (arXiv:2308.16521). “Are ‘Changing-Look’ Active Galactic Nuclei Special in the Coevolution of Supermassive Black Holes and their Hosts? I.”
- \*1086) Y. S. Murakami, *et al.* (2023). *Jour. Cosmology & Astroparticle Phys. (JCAP)*, **2023**, 046, 33 (arXiv:2306.00070). “Leveraging SN Ia Spectroscopic Similarity to Improve the Measurement of  $H_0$ .”
- \*1087) D. Langeroodi, *et al.* (2023). *Astrophys. Jour.*, **957**, 39 (arXiv:2212.02491). “Evolution of the Mass-Metallicity Relation from Redshift  $z \approx 8$  to the Local Universe.”
- \*1088) S. S. Vasylyev, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, in press (arXiv:2303.06497). “Spectropolarimetry of the Type IIP Supernova 2021yja: An Unusually High Continuum Polarization during the Photospheric Phase.”
- \*1089) S. Yan, *et al.* (2023). *Astrophys. Jour.*, in press (arXiv:2310.04827). “Discovery of the Closest Ultrastripped Supernova: SN 2021agco in UGC 3855.”
- \*1090) J. C. Mauerhan, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, in press (arXiv:1506.08844). “Record-Breaking Polarization from the Interacting Superluminous Supernova 2017hcc.”
- 1091) A. V. Filippenko (2023). In *The Standard Model at 50*, ed. H. Mathur (Cambridge: Cambridge Univ. Press), in press.
- \*1092) S. Tinyanont, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2309.07102). “Keck Infrared Transient Survey I: Survey Description and Data Release 1.”
- \*1093) G. Xi, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, submitted (arXiv:2309.09213). “SN 2022vqz: A Peculiar SN 2002es-like Type Ia Supernova with Prominent Early Excess Emission.”
- \*1094) C. Liu, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2308.06319). “SN 2022joj: A Peculiar Type Ia Supernova Possibly Driven by an Asymmetric Helium-Shell Double Detonation.”
- \*1095) Y. Dong, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2309.09433). “SN 2022crv: I Ib, Or Not Ib: That is the Question.”
- \*1096) E. M. Cackett, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2306.17663). “AGN STORM 2. IV. Swift X-ray and Ultraviolet/Optical Monitoring of Mrk 817.”
- \*1097) P. Clark, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2307.03182). “Long-Term Follow-up Observations of Extreme Coronal Line Emitting Galaxies.”
- \*1098) S. S. Vasylyev, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2304.06147). “Early-time Ultraviolet and Optical Hubble Space Telescope Spectroscopy of the Type II Supernova 2022wsp.”
- \*1099) J. M. Diego, *et al.* (2023). *Astron. & Astrophys.*, submitted (2304.09222). “BUFFALO/Flashlights: Constraints on the Abundance of Lensed Supergiant Stars in the Spock Galaxy at Redshift 1.”
- \*1100) M. R. Siebert, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2308.12449). “Ground-Based and JWST Observations of SN 2022pul: I. Unusual Signatures of Carbon, Oxygen, and Circumstellar Interaction in a Peculiar Type Ia Supernova.”
- \*1101) L. A. Kwok, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2308.12450). “Ground-Based and JWST Observations of SN 2022pul: II. Evidence from Nebular Spectroscopy for a Violent Merger in a Peculiar Type-Ia Supernova.”
- \*1102) S. D. Van Dyk, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2308.14844). “The SN 2023ixf Progenitor in M101: II. Properties.”
- \*1103) P. L. Kelly, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2211.02670). “Flashlights: More than A Dozen High-Significance Microlensing Events of Extremely Magnified Stars in Galaxies at Redshifts  $z = 0.7-1.5$ .”
- \*1104) S. Schulze, *et al.* (2023). *Astron. Astrophys.*, submitted (arXiv:2305.05796). “1100 Days in the Life of the Supernova 2018ibb – the Best Pair-Instability Supernova Candidate, To Date.”
- \*1105) S.-Q. Wang, L.-J. Wang, L. Li, Z.-G. Dai, E.-W. Liang, Y.-W. Yu, and A. V. Filippenko (2023). *Astrophys. Jour.*, submitted (arXiv:1904.09604). “Can Luminous, Rapidly Evolving

Optical Transients be Explained by the Magnetar-Powered Stripped Core-Collapse Supernova Model?"

- \*1106) Q. Wang, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, submitted (arXiv:2305.05015). "A Low-Mass Helium Star Progenitor Model for the Type Ibn SN 2020nxt."
- \*1107) M. Fraser, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, submitted (arXiv:2108.07278). "SN 2021csp – The Explosion of a Stripped Envelope Star within a H and He-poor Circumstellar Medium."
- \*1108) J. Wang, D. W. Xu, J. Y. Bai, T. G. Brink, C. Gao, W. K. Zheng, A. V. Filippenko, and J. Y. Wei (2023). *Research Astron. Astrophys.*, submitted. "Accretion and Host-Galaxy Properties of 14 New 'Changing-Look' Active Galactic Nuclei Identified from the SDSS-V Survey."
- \*1109) J. P. Anderson, *et al.* (2023). *Astron. Astrophys.*, submitted. "Optical and Near-Infrared Photometry of 94 Type II Supernovae from the Carnegie Supernova Project."
- \*1110) I. Irani, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2210.02554). "SN 2022oqm – a Ca-rich Explosion of a Compact Progenitor Embedded in C/O Circumstellar Material."
- \*1111) S. Zsíros, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2310.03448). "Serendipitous Detection of the Dusty Type III SN 1980K with JWST/MIRI."
- \*1112) R. Partoush, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2310.01501). "SpectAcLE: An Improved Method for Modeling Light Echo Spectra."
- \*1113) H. Williams, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2309.16767). "Sp1149 I: Constraints on the Balmer L-sigma Relation for HII Regions in a Spiral Galaxy at Redshift  $z=1.49$  Strongly Lensed by the MACS J1149 Cluster."
- \*1114) H. Williams, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2309.16769). "Sp1149 II: Spectroscopy of HII Regions Near the Critical Curve of MACS J1149 and Cluster Lens Models."
- \*1115) E. Zimmerman, *et al.* (2023). *Nature Astronomy*, submitted (arXiv:2310.10727). "Resolving the Explosion of Supernova 2023ixf in Messier 101 within its Complex Circumstellar Environment."
- \*1116) K. C. Patra, *et al.* (2023). *Astrophys. Jour.*, submitted (arXiv:2310.05574). "Constraints on the Narrow-Line Region of the X-ray Quasi-Periodic Eruption Source GSN 069."
- \*1117) H. Abe, *et al.* (2023). *Mon. Not. Royal Astron. Soc.*, submitted (arXiv:2310.03922). "Multi-Year Characterisation of the Broad-Band Emission from the Intermittent Extreme BL Lac 1ES 2344+514."
- \*1118) Baer-Way, R., *et al.* (2023). *Astrophys. Jour.*, submitted. "A Snapshot Survey of Nearby Supernovae with the Hubble Space Telescope."

## PUBLISHED ABSTRACTS, CIRCULARS, AND NOTES

A total of >2700 abstracts, *IAU Circulars*, *ATELs*, *GCN Circulars*, and *TNS AstroNotes*.  
(I don't bother to keep track of them any more.)

## BOOKS

- 1) A. V. Filippenko (1992). Editor. *Relationships Between Active Galactic Nuclei and Starburst Galaxies* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 31), 468 pages.
- 2) A. V. Filippenko (1992). Editor. *Robotic Telescopes in the 1990s* (San Francisco: Astron. Soc. Pacific, Conf. Ser. Vol. 34), 367 pages.
- 3) J. M. Pasachoff and A. Filippenko (2001). *The Cosmos: Astronomy in the New Millennium*, 1st edition. (Textbook) (Fort Worth, TX: Harcourt College Publishers); 395 pages plus front matter and Appendices.
- 4) J. M. Pasachoff and A. Filippenko (2004). *The Cosmos: Astronomy in the New Millennium*, 2nd edition. (Textbook) (Pacific Grove, CA: Brooks/Cole – Thomson Learning); 432 pages plus front matter and Appendices.

- 5) J. M. Pasachoff and A. Filippenko (2007). *The Cosmos: Astronomy in the New Millennium*, 3rd edition. (Textbook) (Pacific Grove, CA: Brooks/Cole – Thomson Learning); 500 pages plus front matter and Appendices.
- 6) J. M. Pasachoff and A. Filippenko (2014). *The Cosmos: Astronomy in the New Millennium*, 4th edition. (Textbook) (Cambridge: Cambridge University Press); 559 pages plus front matter and Appendices.
- 7) J. M. Pasachoff and A. Filippenko (2019). *The Cosmos: Astronomy in the New Millennium*, 5th edition. (Textbook) (Cambridge: Cambridge University Press); 644 pages plus front matter and Appendices.

## VIDEO COURSES

- 1) A. Filippenko (1998). *Understanding the Universe: An Introduction to Astronomy*. Forty (40) 45-minute lectures, plus booklets with extensive written notes. Published by The Teaching Company, Springfield, VA.
- 2) A. Filippenko (2003). *Understanding the Universe: What's New in Astronomy, 2003*. Sixteen (16) 45-minute lectures, plus booklets with extensive written notes. Published by The Teaching Company, Chantilly, VA.
- 3) A. Filippenko (2007). *Understanding the Universe: An Introduction to Astronomy*, 2nd edition. Ninety-six (96) 30-minute lectures, plus booklets with extensive written notes. Published by The Teaching Company, Chantilly, VA.
- 4) A. Filippenko (2009). *Black Holes Explained*. Twelve (12) 30-minute lectures, plus booklets with extensive written notes. Published by The Teaching Company, Chantilly, VA.
- 5) A. Filippenko (2011). *Skywatching: Seeing and Understanding Cosmic Wonders*. Twelve (12) 45-minute lectures, plus booklets with extensive written notes. Published by The Great Courses, Chantilly, VA.