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# Curriculum Vitae

## Avishay Gal-Yam

### Personal

Name: Avishay Gal-Yam

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Born: March 15, 1970, Israel    Family status: Married + 3    Citizenship: Israeli

### Education

1997-2003: Ph.D., School of Physics and Astronomy, Tel-Aviv University, Israel.

Advisor: Prof. Dan Maoz

1994-1996: B.Sc., Magna Cum Laude, in Physics and Mathematics,  
Tel-Aviv University, Israel.

(1989-1993: Military service.)

### Positions

2013-        : Head, Physics Core Facilities Unit, Weizmann Institute of Science, Israel.

2012-        : Associate Professor, Weizmann Institute of Science, Israel.

2008-        : Head, Kraar Observatory Program, Weizmann Institute of Science, Israel.

2007-        : Visiting Associate, California Institute of Technology.

2007-2012: Senior Scientist, Weizmann Institute of Science, Israel.

2006-2007: Postdoctoral Scholar, California Institute of Technology.

2003-2006: Hubble Postdoctoral Fellow, California Institute of Technology.

1996-2003: Physics and Mathematics Research and Teaching Assistant, Tel Aviv University.

## **Honors and Awards**

2012: Kimmel Award for Innovative Investigation.

2010: Krill Prize for Excellence in Scientific Research.

2010: Israeli Physical Society (IPS) Prize for a Young Physicist (shared with E. Nakar).

2010: German Federal Ministry of Education and Research (BMBF) ARCHES Prize.

2010: Levinson Physics Prize.

2008: The Peter and Patricia Gruber Award.

2007: European Union IRG Fellow.

2006: "Città di Cefalù" Prize.

2003: Hubble Fellow.

2002: Tel Aviv U. School of Physics and Astronomy award for outstanding achievements.

2000: Colton Fellow.

2000: Tel Aviv U. School of Physics and Astronomy research and teaching excellence award.

1999: European Union grant (Training and Mobility of Researchers Programme).

1997: Tel Aviv U. School of Physics and Astronomy award for academic excellence.

1996: Tel Aviv U. School of Mathematics award for outstanding teaching assistants.

1994-1996: Tel Aviv University Physics Dean honor list.

1994-1997: Member of the Tel Aviv University outstanding student program.

## Grants

At the Weizmann Institute:

- EU FP7 Marie Curie IRG grant # 209205, 2007-2011: EURO 100,000
- Weizmann Institute MINERVA small grant, 2007-2010: EURO 75,000
- French-Israeli Astrophysics Networks, Israeli Ministry of Science, 2007-2009: EURO 112,000 (with Dr. J.-P. Kneib, Laboratoire d'Astrophysique de Marseille, Marseille, France)
- Israeli Science Foundation Personal Research Grant, 2008-2012: \$210,000
- Israeli Science Foundation Equipment Grant for Young Faculty, 2008-2012: \$150,000
- Gruber Young Scientists Research Award, 2008-2011: \$90,000
- Weizmann-UK "making connections" research fund, 2008-2010: \$100,000  
(with Dr. Mark Sullivan, Oxford Univ., UK)
- Binational Science Foundation (BSF) Grant, 2009-2013: \$120,000  
(with Prof. S. Kulkarni, Caltech, USA)
- Yeda-Sela (YeS) Grant, 2010: \$30,000
- German-Israel Foundation (GIF) Grant, 2010-2013: \$160,000 (with Prof. E. Waxman, Weizmann Institute; Prof. N. Langer, Bonn Univ., Germany; Prof. M. Kowalski, Bonn, Univ., Germany)
- Weizmann Institute MINERVA grant, 2010-2013: EURO 150,000
- German Federal Ministry of Education and Research (BMBF) ARCHES prize, 2010-2015, Euro 200,000 (with Prof. F. Roepke, Max Planck Institute for Astrophysics, Garching, Germany)
- Space Infrastructure Program, Israeli Ministry of Science, 2012-2014: NIS 400,000 (with Prof. E. Waxman, Weizmann Institute; Prof. D. Maoz, Tel Aviv University)
- EU FP7 ERC starting grant # 307260, 2012-2017: EURO 1,499,302
- Israeli Science Foundation Personal Research Grant, 2012-2016: \$180,000
- Kimmel Award for Innovative Investigation, 2012-2016: \$1,000,000
- Preparations for the ULTRASAT Mission, Israeli Space Agency, 2013: NIS 600,000 (with Prof. E. Waxman, Dr. E. Ofek, Weizmann Institute)
- "The Quantum Universe" I-Core Center member, 2013-2017: NIS 45,000,000 (divided among 18 members)

- Weizmann Institute MINERVA grant, 2014-2016: EURO 300,000
- Weizmann-UK “Making Connection” grant, 2014-2015: \$ 50,000
- Yeda-Sela (YeS) Grant, 2016: \$50,000
- Foundations for Science with a UV space mission, Israeli Space Agency, 2016: NIS 600,000  
(with Prof. E. Waxman, Dr. E. Ofek, Weizmann Institute)
- Israeli Science Foundation Personal Research Grant, 2016-2020: \$341,000
- EU ERC consolidator grant, 2017-2022 (to begin Sep. 1 2017): EURO 2,411,111

At Caltech (all grants from NASA):

- HST-HF-01158.01-A (Hubble Fellowship): \$274,885
- HST-GO-10493: \$118,302
- GALEXGI04-0026-0044: \$35,000
- HST-GO-10793: \$81,000
- GALEXGI06-0063: \$88,000
- HST-GO-11104: \$38,000
- GALEXGI07-0020: \$94,000

## **Student Mentoring**

### Undergraduate:

2000-2001: D. Poznanski, undergraduate summer project at Tel Aviv University, Supervisor: D. Maoz. Work published in Poznanski, D., Gal-Yam, A., Maoz, D., Filippenko, A. V., Leonard, D. C. & Matheson, T. *Not Color Blind: Using Multiband Photometry to Classify Supernovae*, 2002, PASP, 114, 833

2000-2001: K. Sharon, undergraduate summer project at Tel Aviv University, Supervisor: D. Maoz. Work published in Gal-Yam, A., Maoz, D., & Sharon, K. *Supernovae in deep Hubble Space Telescope galaxy cluster fields: cluster rates and field counts*, 2002, MNRAS, 332, 37

2001-2002: O. Sharon, undergraduate summer project at Tel Aviv University, Supervisor: D. Maoz.

2005: N. Bhatt, undergraduate summer project at Caltech, Supervisor: R. Ellis.

### Graduate:

2008: M. Kiewe, Physics M.Sc. at the Weizmann Institute (graduated)

2008: I. Arcavi, Physics Ph.D. at the Weizmann Institute (graduated)

2009: Y. Green, Physics M.Sc. at the Weizmann Institute (graduated)

2010: S. Ben Ami, Physics Ph.D. at the Weizmann Institute (graduated)

2012: I. Labzovsky, Physics M.Sc. at the Weizmann Institute (graduated)

2012: N. Ganot, Physics Ph.D. at the Weizmann Institute

2012: B. Zackay, Physics Ph.D. at the Weizmann Institute

2012: D. Tal, Physics M.Sc. at the Weizmann Institute (graduated)

2013: A. Rubin, Physics Ph.D. at the Weizmann Institute

2014: D. Khazov, Physics MS.C. at the Weizmann Institute (graduated)

2015: I. Bar, Physics MS.C. at the Weizmann Institute

## **Postgraduate Mentoring**

2009: Dr. H. B. Perets (Assistant Professor, Technion, Israel)

2009-2011: Dr. C. Badenes (Assistant Professor, U. Pittsburgh)

2010-2011: Dr. D. Polishook (postdoc at MIT, currently postdoc at WIS)

2009-2012: Dr. A. Sternberg (Researcher, Geneva Observatory)

2009-2012: Dr. D. Xu (Researcher, NAOC, China)

2009-2013: Dr. O. Yaron (Staff Scientist, WIS)

2012-2015: Dr. A. Da Cia (ESO Fellow, Garching)

2012-present: Dr. P. Vreeswijk

2013-2014: Dr. E. Gorbikov (currently at HP Israel)

2013-2016: Dr. A. Horesh (Assistant Professor, HUJI Israel)

2014-present: Dr. G. Leloudas

2014-present: Dr. M. Soumagnac

2015-present: Dr. J. Johansson

2016-present: Dr. S. Schulze

### **Observing Experience:**

Extensive experience ( $\sim 100$  nights) with the Wise Observatory 1 m telescope, Israel

Extensive experience ( $\sim 100$  nights) in remotely operating the robotic 1.5m telescope at the Palomar Observatory, California, USA

Three nights with the 2.4 m Hiltner telescope at the MDM Observatory, Arizona, USA

Two nights with the 2.5 m NOT telescope at La Palma, Spain

15 nights with the 5 m Hale telescope at the Palomar Observatory, California, USA

Two nights with the 8.2 m Subaru telescope at the Mauna Kea Observatory, Hawaii, USA

24 nights with the 10 m Keck telescopes at the Mauna Kea Observatory, Hawaii, USA

Design and execution of observing programs with the Gemini North 8m telescope, Mauna Kea Observatory, Hawaii, USA

Design and execution of observing programs with the *HST* and *GALEX* space observatories

### **Other Professional Activities**

- Referee: Nature, Astrophysical Journal (Letters), Astronomy & Astrophysics, Monthly Notices of the Royal Astronomical Society, Modern Physics Letters A, Astrophysics and Space Science, Bulletin of the Astronomical Society of India

- Chair, Supernova Working Group, the International Astronomical Union (IAU), 2010-present (co-chairs P. Mazzali, S. Smartt)

- Member, Science Advisory Committee, SEDM IFU spectrograph project, Caltech Optical Observatories, 2012-2013

- Member, Science Board, Public ESO Spectroscopic Survey for Transient Objects (PESSTO), 2012-present

- Member, Caltech Optical Observatories Time Allocation Committee (TAC), 2005-2006

- Founder and first chair, Tel Aviv University Astronomy Club (TAU astroclub, <http://astroclub.tau.ac.il>)

- Member, International Astronomical Union (IAU), 2012-present

- Member, American Astronomical Society (AAS), 2004-present

## Active Participation in Scientific Meetings:

Conference	Dates	Contribution
“The Physics of Supernovae” MIAPP, Garching, Germany	2016	Invited Talk
“Relativistic Astrophysics and Gravitational Waves” NBIA, Copenhagen, Denmark	2016	Invited Talk
“New Classes and Unique Events in Time Domain Astronomy” EWASS 2016, Athens, Greece	2016	SOC
“Bridging the gap: from massive stars to supernovae” The Royal Society, Chicheley Hall, UK	2016	Invited Talk
“The Transient Sky” Harvard University, Boston, USA	2016	Invited Talk
“Transient Think Tank” Bormio, Italy	2016	Invited Talk
AAS 227 Kissimmee, Florida, USA	2016	Poster
“Frontiers of Stellar Spectroscopy” MPIA, Heidelberg, Germany	2015	Invited Talk
“Fireworks 2015” LJMU, Liverpool, UK	2015	Invited Talk
“Future and Science of Gemini Observatory” Toronto, Canada	2015	Invited Talk
“Hubble 25th Anniversary Symposium” STSci, Baltimore, USA	2015	Invited Talk
“PESSTO Collaboration Meeting” Cambridge, UK	2015	Talk
“Superluminous Supernovae” Swift 10 year Anniversary meeting, Rome, Italy	2014	Invited Talk
“Supernovae in the nearby Universe” CAASTRO conference, Coffs Harbour, NSW, Australia	2014	Invited Talk & SOC
“Supernovae in near and far” RAS meeting, London, UK	2014	Invited Talk
“IAS SNe Ia workshop” Princeton IAS, USA	2014	Invited Talk
“AAS 223” Washington DC, USA	2014	Talk
“PTF Science Meeting 2013” KITP/UCSB, Santa Barbara, USA	2013	Organzier+ Invited Talk
“SN Ia Progenitors” Leiden, Holland	2013	Talk



Conference	Dates	Contribution
“EWASS 2013” Turku, Finland	2013	Invited Talk
“UK-Chile Supernova Progenitor workshop” Oxford, UK	2013	Invited Talk
“221 AAS meeting (special HEAD session)” Long Beach, USA	2013	Invited Talk
“Tsinghua Transient Workshop 2012” Tsinghua University, Beijing, China	2012	Invited tutorial
“Supernovae illuminating the Universe” MPA/MPE/ESO, Garching, Germany	2012	Talk + IAU session chair
“PTF Theory Network Meeting” Los Osos, USA	2012	Invited Review
“New windows on transients across the Universe” The Royal Society, London, UK	2012	Invited Review
“IAU Symposium 279: Deaths of Massive Stars” Nikko, Japan	2012	Invited Talk
“Explosive Ideas about Massive Stars - from Observations to Modeling” AlbaNova University Center, Stockholm, Sweden	2011	Invited Talk
“Supernovae and their host galaxies” Maritime Museum, Sydney, Australia	2011	Invited Review
“Nuclear Physics in Astrophysics 5” Eilat, Israel	2011	Invited Talk
“Fireworks 2011” Cahill Center for Astrophysics, Caltech, Pasadena, Ca	2011	Invited Review + SOC
“Observational signatures of type Ia supernova progenitors” Lorentz Center, Leiden, Neatherlands	2010	Invited Review
“Progenitors and environments of stellar explosions” IAP, Paris, France	2010	Talk
“Gaia alerts workshop” IoA, Cambridge, UK	2010	Invited Talk
“The Cosmic Enigma” UCL, London, UK	2010	Invited Talk
“20th Anniversary Hubble Symposium” STScI, Baltimore, US	2010	Talk
“Stellar Death and Supernovae” KITP, UC Santa Barbara, US	2009	Invited Talk
“2009 PTF Science meeting” KITP, UC Santa Barbara, US	2009	Invited Talk
“12th Marcel Grossman Meeting” UNESCO, Paris, France	2009	Invited Talk

Conference	Dates	Contribution
“Fireworks 2009” Bonn University, Germany	2009	SOC+ Invited Tutorial
“SN Ia progenitors” Princeton University, USA	2009	Invited Talk
“JENAM 2009” Hartfordshire, UK	2009	Invited Review
“New Results from Wide-Field Surveys” Rehovot, Israel	2008	Organizer
“Probing Stellar Populations out to the distant Universe” Cefalu, Italy	2008	SOC + Invited Talk
“The First Palomar Transient Factory Science Workshop” UCSB/KITP, USA	2008	Session Lead + Invited Talk
“Supernova Rates” Florence, Italy	2008	Talk
“The 2007 meeting of the Israeli Physical Society” The Weizmann Institute of Science, Israel	2007	Astro Session Organizer
“Accretion and Explosion: the Astrophysics of Degenerate Stars” KITP, UC Santa Barbara, USA	2007	Talk
“Twenty Years after SN1987A” Kona, USA	2007	Poster
“Keck Science Meeting 2006” UC Irvine, USA	2006	Poster
“Compact Objects and their Explosive Origins.” Cefalu, Sicily, Italy	2006	Invited Talk
“Supernovae: One Millennium after SN 1006?” Hangzhou, China	2006	Invited Talk
“Hubble Fellows Symposium” Baltimore, USA	2006	Talk
“The Supernova Gamma-Ray Burst Connection” KITP, UC Santa Barbara, USA	2006	Invited Talk
“207 American Astronomical Society Meeting” Washington D. C., USA	2005	Talk
“Keck Science Meeting 2005” Pasadena, USA	2005	Talk
“2nd Zwicky Workshop: Transients and Next-Generation Surveys” Berkeley, USA	2005	Talk
“JINA Workshop on Classical Novae and Type Ia Supernovae” Santa Barbara, USA	2005	Invited Talk
“Hubble Fellows Symposium” Baltimore, USA	2005	Talk

Conference	Dates	Contribution
“205 American Astronomical Society Meeting” San Diego, USA	2005	Talk
“Supernovae As Cosmological Lighthouses” Padua, Italy	2004	Talk
“The First Informal Zwicky SN workshop” Pasadena, USA	2004	Co-organizer
“Hubble Fellows Symposium” Baltimore, USA	2003	Talk
“Supernovae - 10 years to SN 1993J” Valencia, Spain	2003	Talk
“Variability with Wide-Field Imagers” Lampedusa, Italy	2002	Invited talk
“Cosmic Explosions - Gamma-Ray Bursts & Related Phenomena” Jerusalem, Israel	2001	Talk
“Energy Densities in the Universe” Les Arcs, France	2000	Talk
“Large Scale Structure in the X-ray Universe” Santorini, Greece	1999	Poster

## Recent Seminars and Colloquia:

- Core collapse supernovae: Understanding the fate of the most massive stars*, Radboud University, Nijmegen, Neatherlands, April 4, 2016
- Supernova flash spectroscopy: a new observational window into stellar death*, IoA Colloquium, Cambridge, UK, Feb. 5 2015
- From the densest galaxy clusters to the faintest dwarf galaxies: unusual explosions in unusual locations*, High Energy Astrophysics Seminar, MPA, Dec. 6 2013
- Super Luminous and Unusual Supernovae*, Astrophysics Colloquium, Leiden Observatory, May. 2013
- Understanding massive star explosions via large population studes*, Astrophysics Seminar, Florence Observatory, Nov. 2012
- The Nature of Cosmic Explosions: recent results and future prospects*, CSCP Seminar, NYU, Feb. 2012
- The Nature of Cosmic Explosions: recent results and future prospects*, ITC Colloquium, Harvard University, Feb. 2012
- The Nature of Cosmic Explosions: recent results and future prospects*, Astrophysics Colloquium, University of Toronto, Feb. 2012
- The Nature of Cosmic Explosions: recent results and future prospects*, Weizmann Institue Physics Colloquium, Nov. 2011
- A Variety of Stellar Deaths*, Oxford Astrophysics Colloquium, Oct. 2009
- A Variety of Stellar Deaths*, Astrophysics Seminar, Stockholm University, Sep. 2009
- The Nature of Cosmic Explosions*, IAS Seminar, The Institute for Advanced Studies, Oct. 2008
- The Nature of Cosmic Explosions*, Physics Colloquium, Tel Aviv University, June 2008
- The Nature of Cosmic Explosions*, Physics Colloquium, The Technion, May 2008
- The Nature of Cosmic Explosions*, Racah Memorial Lecture, The Weizmann Institute, Nov. 2007
- The Progenitors of SNe Ia: New Observational Clues*, KITP program, UC Santa Barbara, Dec. 2007
- From Observations to Explosion Physics: Supernovae and their Progenitors*, ITC Colloquium, Harvard University, Mar. 2007
- From Observations to Explosion Physics: Supernovae and their Progenitors*, Astronomy Colloquium, JPL, Nov. 2006

## List of Publications

### Refereed Journals

1. Maoz, D., Rix, H.-W., Gal-Yam, A., & Gould, A. *A survey for large image-separation lensed quasars*, 1997, ApJ, 486, 75–84
2. Alcock, C. et al. *Binary Microlensing Events from the Macho Project*, 2000, ApJ, 541, 270-297
3. Price, P.A. et al. *Multi-Color Observations of the GRB 000926 Afterglow*, 2001, ApJ, 549, L7-L10
4. Li, W. et al. *The Unique Type Ia Supernova 2000cx in NGC 524*, 2001, PASP, 113, 1178-1204
5. Gal-Yam, A., Maoz, D., & Sharon, K. *Supernovae in deep Hubble Space Telescope galaxy cluster fields: cluster rates and field counts*, 2002, MNRAS, 332, 37-48
6. Gal-Yam, A., Ofek, E. O., Filippenko, A. V., Chornock, R. & Li, W. *SDSS J124602.54+011318.8: A Highly Variable AGN, Not an Orphan GRB Afterglow*, 2002, PASP, 114, 587-592
7. Gal-Yam, A., Ofek, E. O., & Shemmer, O. *SN 2002ap - The First Month*, 2002, MNRAS, 332, L73-L77
8. Poznanski, D., Gal-Yam, A., Maoz, D., Filippenko, A. V., Leonard, D. C. & Matheson, T. *Not Color Blind: Using Multiband Photometry to Classify Supernovae*, 2002, PASP, 114, 833-845
9. Levinson, A., Ofek, E. O., Waxman, E. & Gal-Yam, A. *Constraints on the beaming factor of GRBs from radio surveys*, 2002, ApJ, 576, 923-931
10. Gal-Yam, A., Maoz, D., Guhathakurta, P., & Filippenko, A. V., *A Population of Intergalactic Supernovae in Galaxy Clusters*, 2003, AJ, 125, 1087-1094
11. Fox, D. W. et al., *Early Bright Optical Emission from the Gamma-Ray Burst of 4th October 2002*, 2003, Nature, 422, 284-286
12. Galama, T. J. et al., *Hubble Space Telescope and Ground-Based Optical and Ultraviolet Observations of GRB 010222: A Hard Electron Index and Dust Destruction*, 2003, ApJ, 587, 135-142
13. Nakos, T. et al., *A catalog of secondary photometric standard stars around gravitational lenses*, 2003, A&A, 402, 1157
14. Price, P. A. et al., *Discovery of GRB 020405 and its Underlying Supernova*, 2003, ApJ, 589, 838
15. Abe, F. et al., *Study of a solar-like star at the Galactic centre by gravitational microlensing at high magnification*, 2003, A&A, 411, L493
16. Gal-Yam, A. & Maoz, D., *The Redshift Distribution of Type-Ia Supernovae: Constraints on Progenitors and Star Formation History*, 2004, MNRAS, 347, 942

17. Maoz, D. & Gal-Yam, A., *The Type-Ia Supernova Rate in  $z \sim 1$  Galaxy Clusters: Implications for Progenitors and the Source of Cluster Iron*, 2004, MNRAS, 347, 951
18. Jaiyul, Y. et al., *OGLE-2003-BLG-262: Finite-Source Effects from a Point-Mass Lens*, 2004, ApJ, 603, 139
19. Lipkin, Y. et al., *The Detailed Optical Light Curve of GRB 030329*, 2004, ApJ, 606, 381
20. Gal-Yam, A., et al., *The J-band Light Curve of SN 2003lw, Associated with GRB 031203*, 2004, ApJL, 609, L59
21. Gal-Yam, A., Poznanski, D., Maoz, D., Filippenko, A. V., & Foley, R. J., *Photometric Identification of Young Stripped-Core Supernovae*, 2004, PASP, 116, 597
22. Soderberg, A. M., et al., *The Sub-energetic GRB 031203: the First Cosmological analogue to GRB 980425*, 2004, Nature, 430, 648
23. Abe, I. A., et al., *Search for Low-Mass Exoplanets by Gravitational Microlensing at High Magnification*, 2004, Science, 305, 1264
24. Ghosh, H., et al., *Potential Direct Single-Star Mass Measurement*, 2004, ApJ, 615, 450
25. Jaiyul, Y. et al., *Constraints on Planetary Companions in the Magnification  $A=256$  Microlensing Event: OGLE-2003-BLG-423*, 2004, ApJ, 616, 1204
26. Jiang, G., et al., *OGLE-2003-BLG-238: Microlensing Mass Estimate of an Isolated Star*, 2004, ApJ, 617, 1307
27. Rajala, A., et al., *Photometric Typing Analysis of Three Young Supernovae with the Robotic Palomar 60-Inch Telescope*, 2005, PASP, 117, 132
28. Mazzali, P. A., et al., *An Asymmetric, Energetic Type Ic Supernova Viewed Off-Axis: a Link to Gamma Ray Bursts?*, 2005, Science, 308, 1284
29. Soderberg, A. M., et al., *An HST Search for Supernovae Accompanying X-ray Flashes*, 2005, ApJ, 627, 877
30. Rattenbury, N. J, et al., *Determination of Stellar Shape in Microlensing Event MOA 2002-BLG-33*, 2005, A&A, 439, 645
31. Udalski, A., et al., *A Jovian-mass Planet in Microlensing Event OGLE-2005-BLG-071*, 2005, ApJL, 628, L109
32. Berger, E., et al., *The Discovery of the Optical and Near-IR Afterglows of the First SWIFT Gamma-Ray Bursts*, 2005, ApJ, 629, 328
33. Gal-Yam, A., et al., *A high angular-resolution search for the progenitor of the type Ic supernova SN 2004gt*, 2005, ApJL, 630, L29
34. Fox, D. B., et al., *The afterglow, redshift, energetics and environment of the short-hard  $\gamma$ -ray burst of 9 July, 2005*, 2005, Nature, 437, 845

35. Berger, E., et al., *Afterglows, Redshifts, and Properties of SWIFT Gamma-Ray Bursts*, 2005, ApJ, 634, 501
36. Berger, E., et al., *A merger origin for short  $\gamma$ -ray bursts inferred from the afterglow and host galaxy of GRB 050724*, 2005, Nature, 438, 988
37. Soderberg, A. M., et al., *An HST Study of the Supernovae Accompanying GRB 040924 and GRB 041006*, 2005, ApJ, 636, 391
38. Gal-Yam, A., et al., *Radio and Optical Follow-up Observations of a Uniform Radio Transient Search: Implications for Gamma-Ray Bursts and Supernovae*, 2006, ApJ, 639, 331
39. Haislip, J., et al., *Discovery and identification of the very high redshift afterglow of GRB 050904*, 2005, Nature, 440, 181
40. Nakar, E., Gal-Yam, A., Piran, T., & Fox, D. B., *The Distances of Short-Hard GRBs and the SGR Connection*, 2006, ApJ, 640, 849
41. Leonard, D.C., et al., *The Discovery of a Non-Spherical Core in SN 2004dj*, 2006, Nature, 440, 505
42. Hendry, M., et al., *SN 2004A: Another Type II-P Supernova with a Red Supergiant Progenitor*, 2006, MNRAS, 369, 1303
43. Nugent, P., et al., *Extending the Cosmological Utility of Type II-P Supernovae*, 2006, ApJ, 645, 841
44. Mazzali, P. A., et al., *Models for the type Ic Hypernova SN 2003lw associated with GRB 031203*, 2006, ApJ, 645, 1323
45. Frail, D. A., et al., *An Energetic Afterglow From A Distant Stellar Explosion*, 2006, ApJ, 646, L99
46. Soderberg, A. M., et al., *Relativistic Ejecta from XRF 060218 and the Rate of Cosmic Explosions*, 2006, Nature, 442, 1014
47. Soderberg, A. M., et al., *The Afterglow and Host Galaxy of the Energetic Short-Hard Gamma-Ray Burst 051221a*, 2006, ApJ, 650, 251
48. Nakar, E., Gal-Yam, A., & Fox, D. B., *The Local Rate and the Progenitor Lifetime of Short-Hard Gamma-Ray Bursts: Synthesis and Predictions for LIGO*, 2006, ApJ, 650, 281
49. Cenko, S. B., et al., *Multi-Wavelength Observations of GRB 050820A: An Exceptionally Energetic Event Followed from Start to Finish*, 2006, ApJ, 652, 490
50. Ofek, E. O., et al., *The Short-Hard GRB 051103: Observations and implications for its nature*, 2006, ApJ, 652, 507
51. Cenko, S. B., et al., *The Palomar 60-inch Automation Project*, 2006, PASP, 118, 1396

52. Gal-Yam, A., et al., *The  $\gamma$ -ray burst GRB060614 requires a novel explosive process*, 2006, *Nature*, 444, 1053
53. Johnson, J., et al., *A High-Resolution Spectrum of the Extremely Metal-Rich Bulge G-Dwarf OGLE-2006-BLG-265*, 2007, *ApJ*, 655, L33
54. Gal-Yam, A., et al., *On the progenitor of SN 2005gl and the nature of Type II<sub>n</sub> supernovae*, 2007, *ApJ*, 656, 372
55. Ofek, E. O., et al., *SN 2006gy: An Extremely Luminous Supernova in the Early-Type Galaxy NGC 1260*, 2007, *ApJL*, 659, L13
56. Sharon, K., et al., *Supernovae in Low-Redshift Galaxy Clusters: the Type-Ia Supernova Rate*, 2007, *ApJ*, 660, 1165
57. Soderberg, A. M., et al., *A Spectacular Radio Flare from XRF 050416 at 40 days and Implications for the Nature of X-ray Flashes*, 2007, *ApJ*, 661, 982
58. Ofek, E., et al., *GRB 060505: A Possible Short-Duration Gamma-Ray Burst in a Star-Forming Region at a Redshift of  $z=0.09$* , 2007, *ApJ*, 662, 1129
59. Kulkarni, S. R., et al., *An unusually brilliant transient in the galaxy Messier 85*, 2007, *Nature*, 447, 458
60. Patat, F., et al., *The Nature of the Companion Star in Type Ia Supernovae*, 2007, *Science*, 317, 924
61. Berger, E., et al., *A New Population of High Redshift Short-Duration Gamma-Ray Bursts*, 2007, *ApJ*, 664, 1000
62. Poznanski, D., Maoz, D., & Gal-Yam, A. *Bayesian Single-Epoch Photometric Classification of Supernovae*, 2007, *AJ*, 134, 1285
63. Patat, F., et al., *Upper limit for circum-stellar gas around the Type Ia SN 2000cx*, 2007, *A&A*, 474, 931
64. Poznanski, D., et al., *Supernovae in the Subaru Deep Field: An Initial Sample out to Redshift 1.6*, 2007, *MNRAS*, 382, 1169
65. Simon, J. D., et al., *Constraints on Circumstellar Material around the Type Ia Supernova 2007af*, 2007, *ApJL*, 671, L25
66. Ellis, R. S., et al., *Verifying the Cosmological Utility of Type Ia Supernovae: Implications of a Dispersion in the Ultraviolet Spectra*, 2007, *ApJ*, 674, 51
67. Valenti, S., et al., *Broad-line SN Ic 2003jd*, 2007, *MNRAS*, 383, 1485
68. Mannucci, F., et al., *The supernova rate in local galaxy clusters*, 2007, *MNRAS*, 383, 1121
69. Cenko, S. B., et al., *GRB070125: The First Long-Duration Gamma-ray Burst in a Halo Environment*, 2007, *ApJ*, 677, 441



70. Gal-Yam, A., Maoz, D., Guhathakurta, P., & Filippenko, A. V., *Supernovae in Low-Redshift Galaxy Clusters: Observations by the Wise Observatory Optical Transient Search (WOOTS)*, 2008, ApJ, 680, 550
71. Soderberg, A. M., et al., *An Extremely Luminous X-ray Outburst Marking the Birth of a Normal Supernova*, 2008, Nature, 453, 469
72. Ofek, E. O., et al., *GRB 070201: A Possible Soft Gamma Ray Repeater in M31*, 2008, ApJ, 681, 1464
73. Kasliwal, M. M., et al., *it SN 2007ax: an Extremely Faint Type Ia Supernova*, 2008, ApJ, 683, L29
74. Pastorello, A., et al., *Massive stars exploding in a He-rich circumstellar medium. I. SN 2006jc-like events*, 2008, MNRAS, 389, 113
75. Chandra, P., et al., *it A comprehensive study of GRB 070125, a most energetic gamma ray burst*, 2008, ApJ, 683, 924
76. Gal-Yam, A., et al., *GALEX Spectroscopy of SN 2005ay suggests a UV spectral uniformity among type II-P supernovae*, 2008, ApJ, 685, L117
77. Gal-Yam, A., et al., *New Imaging and Spectroscopy of the Locations of Several Short-Hard Gamma-Ray Bursts*, 2008, ApJ, 686, 408
78. Pastorello, A., et al., *The type IIb SN 2008ax: spectral and light curve evolution*, 2008, MNRAS, 389, 955
79. Crockett, R. M., et al., *The type IIb SN 2008ax: the nature of the progenitor*, 2008, MNRAS, 391, L5
80. Leonard, D. C., et al., *An Upper Mass Limit on a Red Supergiant Progenitor for the Type II-Plateau Supernova SN 2006my*, 2008, PASP, 120, 1259
81. González Hernández, J. I., et al., *The Chemical Abundances of Tycho G in Supernova Remnant 1572*, 2009, ApJ, 691, 1
82. Richmond, M. W., et al., *Proper Motions with Subaru I: Methods and A First Sample in the Subaru Deep Field*, 2009, PASJ, 61, 97
83. Sullivan, M., et al., *The Mean Type Ia Supernova Spectrum Over the Past 9 Gigayears*, 2009, ApJL, 693, L76
84. Cenko, S. B., et al., *Dark Bursts in the Swift Era: The Palomar 60 inch-Swift Early Optical Afterglow Catalog*, 2009, ApJ, 693, 1484
85. Dong, S., et al., *OGLE-2005-BLG-071Lb, the Most Massive M-Dwarf Planetary Companion?*, 2009, ApJ, 695, 970
86. Gal-Yam, A., et al., *A massive hypergiant star as the progenitor of the supernova SN 2005gl*, 2009, Nature, 458, 865

87. Wang, X., et al., *The Golden Standard Type Ia Supernova SN 2005cf: Observations from the Ultraviolet to the Near-Infrared Wavebands*, 2009, ApJ, 697, 380
88. Bensby, T., et al., *OGLE-2009-BLG-076S The Most Metal-Poor Dwarf Star in the Galactic Bulge*, 2009, ApJ, 699, L174
89. Cooke, J., et al., *The Discovery of the Most Distant Supernovae*, 2009, Nature, 460, 237
90. Komossa, S., et al., *NTT, Spitzer and Chandra spectroscopy of SDSSJ095209.56+214313.3: the most luminous coronal-line supernova ever observed, or a stellar tidal disruption event ?*, 2009, ApJ, 701, 105
91. Simon, J. D., et al., *Variable Sodium Absorption in a Low-Extinction Type Ia Supernova*, 2009, ApJ, 702, 1157
92. Batista, V., et al., *Mass measurement of a single unseen star and planetary detection efficiency for OGLE 2007-BLG-050*, 2009, A&A, 508, 467
93. Gal-Yam, A., et al., *Supernova 2007bi was a pair-instability supernova explosion*, 2009, Nature, 462, 624
94. Schlichting, H., et al., *A single sub-kilometre Kuiper belt object from a stellar occultation in archival data*, 2009, Nature, 462, 895
95. Rau, A., et al., *Exploring the Optical Transient Sky with the Palomar Transient Factory*, 2009, PASP, 121, 1334
96. Law, N. M., et al., *The Palomar Transient Factory: System Overview, Performance and First Results*, 2009, PASP, 121, 1395
97. Ofek, E. O., et al., *Long Duration Radio Transients Lacking Optical Counterparts are Possibly Galactic Neutron Stars*, 2009, ApJ, 711, 517
98. Cenko, S. B., et al., *The Collimation and Energetics of the Brightest Swift Gamma-Ray Bursts*, 2009, ApJ, 711, 641
99. Scalzo, R. A., et al., *Nearby Supernova Factory Observations of SN 2007if: First Total Mass Measurement of a Super-Chandrasekhar-Mass Progenitor*, 2010, ApJ, 713, 1073
100. Bensby, T., et al., *Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. II. Ages, metallicities, detailed elemental abundances, and connections to the Galactic thick disk*, 2010, A&A, 512, 41
101. Fraser, M., et al., *On the progenitor and early evolution of the type II supernova 2009kr*, 2010, ApJ, 714, L280
102. Perets, H. B., et al., *A new type of stellar explosion*, 2010, Nature, 465, 322
103. Sharon, K., et al., *The Type Ia Supernova Rate in Redshift 0.5 – 0.9 Galaxy Clusters*, 2010, ApJ, 718, 876

104. Gould, A., et al., *Frequency of Solar-like Systems and of Ice and Gas Giants Beyond the Snow Line from High-magnification Microlensing Events in 2005-2008*, 2010, ApJ, 720, 1073
105. Arcavi, I., et al., *Core-Collapse Supernovae from the Palomar Transient Factory: Indications for a Different Population in Dwarf Galaxies*, 2010, ApJ, 721, 777
106. Bensby, T., et al., *Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. III. Detection of lithium in the metal-poor bulge dwarf MOA-2010-BLG-285S*, 2010, A&A, 521, L57
107. Maoz, D., Sharon, K., & Gal-Yam, A., *The supernova delay time distribution in galaxy clusters and implications for Type-Ia progenitors and metal enrichment*, 2010, ApJ, 722, 1879
108. Ryu, Y.-H., et al. , *OGLE-2009-BLG-092/MOA-2009-BLG-137: a Dramatic Repeating Event with the Second Perturbation Predicted by Real-Time Analysis*, 2010, ApJ, 723, 81
109. Kasliwal, M. M., et al., *Rapidly Decaying Supernova 2010X: A Candidate ".Ia" Explosion*, 2010, ApJ, 723, L98
110. Ofek, E. O., et al., *Supernova PTF09uj: A Possible Shock Breakout from a Dense Circumstellar Wind*, 2010, ApJ, 724, 1396
111. Zub, M., et al., *Limb-darkening measurements for a cool red giant in microlensing event OGLE 2004-BLG-482*, 2010, A&A, 525, A15
112. Neill, J. D., et al., *The Extreme Hosts of Extreme Supernovae*, 2010, ApJ, 727, 15
113. Cooke, J., et al., *Hubble Space Telescope Studies of Nearby Type Ia Supernovae: The Mean Maximum Light Ultraviolet Spectrum and its Dispersion*, 2010, ApJ, 727, L35
114. Perets, H. B., et al., *The Old Environment of the Faint Calcium-Rich Supernova SN 2005cz*, 2011, ApJ, 728, L36
115. Miyake, N., et al., *A sub-Saturn Mass Planet, MOA-2009-BLG-319Lb*, 2011, ApJ, 728, 120
116. Perets, H. B., et al., *An Emerging Class of Bright, Fast-Evolving Supernovae with Low-Mass Ejecta*, 2011, ApJ, 730, 89
117. Kasliwal, M. M., et al., *PTF10fqs: A Luminous Red Nova in the Spiral Galaxy Messier 99*, 2011, ApJ, 730, 134
118. Smith, A. M., et al., *Galaxy Zoo Supernovae*, 2011, MNRAS, 412, 1309
119. Sullivan, M., et al., *The Subluminous and Peculiar Type Ia Supernova PTF09dav*, 2011, ApJ, 732, 118

120. Quimby, R. M., et al., *Mysterious transients unmasked as the bright blue death throes of massive stars*, 2011, Nature, 474, 487
121. Gal-Yam, A., et al., *Real-Time Detection and Rapid Multiwavelength Follow-up Observations of a Highly Subluminous Type II-P Supernova from the Palomar Transient Factory Survey*, 2011, ApJ, 736, 159
122. Sternberg, A., et al., *Evidence for Circumstellar Material in Type Ia Supernovae via Sodium Absorption Features*, 2011, Science, 333, 856
123. Bensby, T., et al., *Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars IV. Two bulge populations*, 2011, A&A, 533, 134
124. Waldman, R., et al., *Helium Shell Detonations on Low Mass White Dwarfs as a Possible Explanation for SN 2005E*, 2011, ApJ, 738, 21
125. Ofek, E. O., et al., *A VLA Search for 5GHz Radio Transients and Variables at Low Galactic Latitudes*, 2011, ApJ, 740, 65
126. Graur, O., et al., *Supernovae in the Subaru Deep Field: the rate and delay-time distribution of type Ia supernovae out to redshift 2*, 2011, MNRAS, 417, 916
127. Fraser, M., et al., *SN 2009md: another faint supernova from a low mass progenitor*, 2011, MNRAS, 417, 1417
128. Corsi, A., et al., *PTF10bzj (SN 2010ah): a Broad-Line Ic Supernova Discovered by the Palomar Transient Factory*, 2011, ApJ, 741, 76
129. Drout, M. R., et al., *The First Systematic Study of Type Ibc Supernova Multi-Color Light-Curves*, 2011, ApJ, 741, 97
130. Van Dyk, S. D., et al., *The Progenitor of Supernova 2011dh/PTF11eon in Messier 51*, 2011, ApJ, 741, L28
131. Arcavi, I., et al., *PTF11eon/SN2011dh: Discovery of a Type Ib Supernova From a Compact Progenitor in the Nearby Galaxy M51*, 2011, ApJ, 742, L18
132. Maguire, K., et al., *PTF10ops - a subluminous, normal-width lightcurve Type Ia supernova in the middle of nowhere*, 2011, MNRAS, 418, 747
133. Nugent, P. E., et al., *Observations of a Type Ia Supernova Within Hours of Explosion in the Pinwheel Galaxy*, 2011, Nature, 480, 344
134. Kiewe, M., et al., *Caltech Core-Collapse Project (CCCP) observations of type II supernovae: typical properties and implications for their progenitor stars*, 2012, ApJ, 744, 10
135. Ofek, E. O., et al., *The Palomar Transient Factory photometric calibration*, 2012, PASP, 124, 62

136. Horesh, A., et al., *Early radio and X-ray observations of the youngest nearby type Ia supernova PTF11kly (SN 2011fe)*, 2012, ApJ, 746, 21
137. Shin, I.-G., et al., *Microlensing Binaries Discovered through High-Magnification Channel*, 2012, ApJ, 746, 127
138. Smith, N., et al., *SN2010jp (PTF10aaxi): A Jet-Driven Type II Supernova*, 2012, MNRAS, 420, 1135
139. Corsi, A., et al., *Evidence For a Compact Wolf-Rayet Progenitor for the Type Ic Supernova PTF10vqv*, 2012, ApJ, 747, L5
140. Cenko, S. B., et al., *PTF10iya: A short-lived, luminous flare from the nuclear region of a star-forming galaxy*, 2012, MNRAS, 420, 2684
141. Polishook, D., et al., *Asteroid Rotation Periods from the Palomar Transient Factory Survey*, 2012, MNRAS, 421, 2094
142. Wang, X., et al., *Evidence for Type Ia Supernova Diversity from Ultraviolet Observations with the Hubble Space Telescope*, 2012, ApJ, 749, 126
143. Choi, Y. J., et al., *Characterizing Lenses and Lensed Stars of High-Magnification Gravitational Microlensing Events With Lenses Passing Over Source Stars*, 2012, ApJ, 751, 41
144. Foley, R. J., et al., *Linking Type Ia Supernova Progenitors and their Resulting Explosions*, 2012, ApJ, 752, 101
145. Parrent, J. T., et al., *Analysis of the early-time Optical Spectra of SN 2011fe in M101*, 2012, ApJ, 752, L26
146. Cenko, S. B., et al., *Swift J2058.4+0516: A second relativistic tidal disruption flare*, 2011, ApJ, 753, 77
147. Yee, J. C., et al., *MOA-2011-BLG-293Lb: A Testbed for Pure Survey Microlensing Planet Detections*, 2012, ApJ, 755, 102
148. Kasliwal, M. M., et al., *Calcium-Rich Gap Transients in the Remote Outskirts of Galaxies*, 2011, ApJ, 755, 161
149. Arcavi, I., et al., *Caltech Core-Collapse Project (CCCP) Observations of Type II Supernovae: Evidence for Three Distinct Photometric Subtypes*, 2012, ApJL, 756, L30
150. Gal-Yam, A., *Luminous Supernovae*, 2012, Science, 337, 927
151. Dilday, B., et al., *PTF 11kx: A Type-Ia Supernova with a Symbiotic Nova Progenitor*, 2012, Science, 337, 942
152. Barone-Nugent, R. L., et al., *Near-infrared observations of type Ia supernovae: The best known standard candle for cosmology*, 2012, MNRAS, 425, 1007

153. Van Dyk, S. D., et al., *The Red Supergiant Progenitor of Supernova 2012aw (PTF 12bvh) in Messier 95*, 2012, ApJ, 756, 131
154. Yaron, O. & Gal-Yam, A., “WISEASS” - *A State-of-the-art Interactive Supernova Spectroscopy Database*, 2012, PASP, 124, 668
155. Ofek, E. O., et al., *The Palomar Transient Factory photometric catalog 1.0*, 2012, PASP, 124, 854
156. Maguire, K., et al., *Hubble Space Telescope studies of low-redshift Type Ia supernovae: Evolution with redshift and ultraviolet spectral trends*, 2012, MNRAS, 426, 2359
157. Walker, E. S., et al., *Studying Type Ia Supernova Diversity in the Ultraviolet: Combining Observational Data with Models*, 2012, MNRAS, 427, 103
158. Cooke, J., et al., *Super-luminous supernovae at  $z=2.05$  and  $z=3.90$ : entering the regime of the first stars*, 2012, Nature, 491, 228
159. Bloom, J. S., et al., *Automating Discovery and Classification of Transients and Variable Stars in the Synoptic Survey Era*, 2011, PASP, 124, 1175
160. Ben-Ami, S., et al., *Discovery and Early Multi-Wavelength Measurements of the Energetic Type Ic Supernova PTF12gzk: A Massive-Star Explosion in a Dwarf Host Galaxy*, 2012, ApJ, 760, L33
161. Shin, I.-G., et al., *Microlensing binaries with brown dwarf companions*, 2012, ApJ, 760, 116
162. Schlichting, H.-E., et al., *Measuring the Abundance of sub-kilometer sized Kuiper Belt Objects using Stellar Occultations*, 2012, ApJ, 761, 150
163. Bensby, T., et al., *Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars V. Evidence for a wide age distribution and a complex MDF*, 2013, A&A, 549, 147
164. Ofek, E. O., et al., *X-ray emission from supernovae in dense circumstellar matter environments: A search for collisionless shocks*, 2013, ApJ, 763, 42
165. Hachinger, S., et al., *The UV/optical spectra of the type Ia supernova SN2010jn: A bright supernova with outer layers rich in iron-group elements*, 2013, MNRAS, 429, 2228
166. Ofek, E. O., et al., *An outburst from a massive star 40days before a supernova explosion*, 2013, Nature, 494, 65
167. Arcavi, I., et al., *Supernova 2003ie Was Likely a Faint Type IIP Event*, 2012, AJ, 145, 99
168. Maund, J., et al., *Supernova 2012ec: Identification of the progenitor and early monitoring with PESSTO*, 2013, MNRAS, 431, 102

169. Cenko, S. B., et al., *Discovery of a distant, relativistic outburst via its fast-fading optical emission*, 2013, ApJ, 769, 130
170. Childress, M. J., et al., *Spectroscopic Evolution of SN 2012fr: a Luminous Normal Type Ia Supernova with Early High Velocity Features and Late Velocity Plateau*, 2013, ApJ, 770, 29
171. Silverman, J. M., et al., *Type-Ia Supernovae Strongly Interacting with Circumstellar Media*, 2013, ApJS, 207, 3
172. Gal-Yam, A., Mazzali, P. A., Manulis, I., & Bishop, D., *Supernova discoveries 2010: statistics and trends*, 2013, PASP, 125, 749
173. Silverman, J. M., et al., *Late-Time Spectral Observations of the Strongly Interacting Type-Ia Supernova PTF11kx*, 2013, ApJ, 772, 125
174. Folatelli, G., et al., *Spectroscopy of Type-Ia Supernovae by the Carnegie Supernova Project*, 2013, ApJ, 773, 53
175. Fraser, M. D., et al., *SN 2009ip la PESSTO: No evidence for core-collapse yet*, 2013, MNRAS, 433, 1312
176. Kerzendorf, W.-E., et al., *A High-Resolution Spectroscopic Search for the Remaining Donor for Tycho's Supernova*, 2013, ApJ, 774, 99
177. Cao, Y., et al., *Discovery, Progenitor & Early Evolution of a Stripped Envelope Supernova iPTF13bvn*, 2013, ApJL, 775, L7
178. Lyman, J. D., et al., *Environment-derived constraints on the progenitors of low-luminosity Type I supernovae*, 2013, MNRAS, 434, 527L
179. Helou, G., et al., *The Mid-Infrared Light Curve of Nearby Core-Collapse Supernova SN2011dh (PTF 11eon)*, 2013, ApJL, 778, L19
180. Horesh, A., et al., *PTF12gzk - A Rapidly Declining, High-Velocity Type Ic Radio Supernova*, 2013, ApJ, 778, 63
181. Maguire, K., et al., *A statistical analysis of circumstellar material in Type Ia supernovae*, 2013, MNRAS, 436, 222
182. Phillips, M. M., et al., *On the Source of the Dust Extinction in Type Ia Supernovae and the Discovery of Anomalously Strong Na I Absorption*, 2013, ApJ, 779, 38
183. Silverman, J., et al., *SN 2000cx and SN 2013bh: Extremely Rare, Nearly Twin Type Ia Supernovae*, 2013, MNRAS, 436, 1225
184. Mazzali, P. A., et al., *The very energetic, broad-lined type Ic Supernova 2010ah (PTF10bzf) in the context of GRB/SNe*, 2013, MNRAS, 432, 2463

185. Horesh, A., et al., *An Early & Comprehensive Millimeter and Centimeter Wave and X-ray Study of Supernova 2011dh: A Non-Equipartition Blastwave Expanding into A Massive Stellar Wind*, 2013, MNRAS, 436, 1258
186. Levan, A. J., et al., *A new population of ultra-long duration gamma-ray bursts*, 2014, ApJ, 781, 13
187. Ofek, E. O., et al., *SN 2010jl: Optical to Hard X-Ray Observations Reveal an Explosion Embedded in a Ten Solar Mass Cocoon*, 2014, ApJ, 781, 42
188. Valenti, S., et al., *PESSTO monitoring of SN 2012hn: further heterogeneity among faint type I supernovae*, 2014, MNRAS, 437, 1519
189. Inserra, A., et al., *SN 2012ca: a stripped envelope core-collapse SN interacting with dense circumstellar medium*, 2014, MNRAS, 437, L51
190. Van Dyk, S. et al., *The Type IIb Supernova 2013df and Its Cool Supergiant Progenitor*, 2014, AJ, 147, 37
191. Corsi, A., et al., *A Multi-Wavelength Investigation of a Radio-Loud Supernova PTF11qcj Interacting with He-Dominated Circumstellar Matter*, 2014, ApJ, 782, 42
192. Pan, Y.-C., et al., *The Host Galaxies of Type Ia Supernovae Discovered by the Palomar Transient Factory*, 2014, MNRAS, 438, 1391
193. Valenti, S., et al., *The first month of evolution of the slow rising type II-P SN 2013ej in M74*, 2014, MNRAS, 438, L101
194. Zackay, B. & Gal-Yam, A., *The Multiplexed Imaging Method High-Resolution Wide Field Imaging Using Physically Small Detectors*, 2014, PASP, 126, 148
195. Goobar, A. et al., *The discovery of SN2014J in the nearby starburst galaxy M82*, 2014, ApJL, 784, L12
196. Aasi, J., et al., *First Searches for Optical Counterparts to Gravitational-Wave Candidate events*, 2014, ApJS, 211, 7
197. Fraser, M. D., et al., *On the progenitor of the Type IIP SN 2013ej in M74*, 2014, MNRAS, 439, L56
198. Sagiv, I., et al., *Science with a Wide-Field UV Transient Explorer*, 2014, AJ, 147, 79
199. Ben-Ami, S., et al., *Long-lived emission from a supernova explosion powered by interaction with Hydrogen-free circum-stellar material*, 2014, ApJ, 785, 37
200. Mazzali, P. A., et al., *Hubble Space Telescope spectra of the Type Ia supernova SN 2011fe: a tail of low-density, high-velocity material with  $Z < Z_{\odot}$* , 2014, MNRAS, 439, 1959



201. Fremling, C. et al., *The rise and fall of the Type Ib supernova iPTF13bvn - Not a massive Wolf-Rayet star*, 2014, A&A, 565, 114
202. Gal-Yam, A. et al., *A Wolf-Rayet-Like Wind Around a Supernova Progenitor Identified Using Flash Spectroscopy*, 2014, Nature, 509, 471
203. Ofek, E. O. et al., *Interaction-Powered Supernovae: Rise-Time vs. Peak-Luminosity Correlation and the Shock-Breakout Velocity*, 2014, ApJ, 788, 154
204. Benetti, S., et al., *The supernova CSS121015:004244+132827: a clue for understanding super-luminous supernovae*, 2014, MNRAS, 441, 289
205. Ofek, E. O. et al., *Precursors prior to supernova explosions of massive stars are common: precursor rates, properties and correlation*, 2014, ApJ, 789, 104
206. Walker, E. S. et al., *Optical Follow-Up Observations of PTF10qts, a Luminous Broad-Lined Type Ic Supernova Found by the Palomar Transient Factory*, 2014, MNRAS, 442, 2768
207. Arcavi, I. et al., *A Continuum of H- to He-Rich Tidal Disruption Candidates With a Preference for E+A Galaxies*, 2014, ApJ, 793, 38
208. Gorbikov, E. et al., *iPTF13beo: The Double-Peaked Light Curve of a Type Ibn Supernova Discovered Shortly after Explosion*, 2014, MNRAS, 443, 671
209. Sternberg, A. et al., *Multi-Epoch High-Spectral-Resolution Observations of Neutral Sodium in 14 Type Ia Supernovae*, 2014, MNRAS, 443, 1849
210. Nichol, M. et al., *Super-luminous supernovae from PESSTO*, 2014, MNRAS, 444, 2096
211. Maguire, K. et al., *Exploring the spectral diversity of low-redshift Type Ia supernovae using the Palomar Transient Factory*, 2014, MNRAS, 444, 3258
212. Scalzo, R. A. et al., *Early ultraviolet emission in the Type Ia supernova LSQ12gdj: No evidence for ongoing shock interaction*, 2014, MNRAS, 445, 30
213. Vreeswijk, P. et al., *The hydrogen-poor superluminous supernova iPTF13ajg and its host galaxy in absorption and emission*, 2014, ApJ, 797, 24
214. White, C. J. et al., *Slow-Speed Supernovae from the Palomar Transient Factory: Two Channels*, 2015, ApJ, 799, 52
215. Inserra, A., et al., *OGLE-2013-SN-079: A Lonely Supernova Consistent with a Helium Shell Detonation*, 2015, ApJL, 799, L2
216. Pan, Y.-C. et al., *Type Ia Supernova Spectral Features in the Context of Their Host Galaxy Properties*, 2015, MNRAS, 446, 354
217. Firth, R. et al., *The Rising Light Curves of Type Ia Supernovae*, 2015, MNRAS, 446, 3895

218. Ben-Ami, S., et al., *Ultraviolet Spectroscopy of Type IIb Supernovae: Diversity and the Impact of Circumstellar Material*, 2015, ApJ, 803, 40
219. Cenko, S. B., et al., *iPTF14yb: The First Discovery of a GRB Afterglow Independent of a High-Energy Trigger*, 2015, ApJ, 803, L24
220. Barbarino, C., et al., *SN 2012ec: mass of the progenitor from PESSTO follow-up of the photospheric phase*, 2015, MNRAS, 448, 2312
221. Jerkstrand, A., et al., *Supersolar Ni/Fe production in the Type IIP SN 2012ec*, 2015, MNRAS, 448, 2482
222. Smith, N., et al., *PTF11iqb: Cool supergiant mass loss that bridges the gap between Type IIn and normal supernovae*, 2015, MNRAS, 449, 1876
223. Pastorello, A. et al., *Massive stars exploding in a He-rich circumstellar medium. V. Observations of the slow-evolving SN Ibn OGLE-2012-SN-006*, 2015, MNRAS, 449, 1941
224. Pastorello, A. et al., *Massive stars exploding in a He-rich circumstellar medium. VI. Observations of two distant type Ibn supernovae discovered by La Silla-QUEST*, 2015, MNRAS, 449, 1954
225. Cao, Y., et al., *Strong Ultraviolet Pulse From a Newborn Type Ia Supernova*, 2015, Nature, 521, 328
226. Smartt, S. J., et al., *PESSTO : survey description and products of the first data release by the Public ESO Spectroscopic Survey of Transient Objects*, 2014, A&A, 579, 40
227. Ackermann, I., et al., *Search for Early Gamma-ray Production in Supernovae Located in a Dense Circumstellar Medium with the Fermi LAT*, 2015, ApJ, 807, 169
228. Nicholl, M., et al., *LSQ14bdq: A Type Ic super-luminous supernova with a double-peaked light curve*, 2015, ApJ, 807, L18
229. Bours, M.C.P., et al., *A double white dwarf with a paradoxical origin?*, 2015, MNRAS, 450, 3966
230. Aartsen, M. G., et al., *Detection of a Type IIn Supernova in Optical Follow-up Observations of IceCube Neutrino Events*, 2015, ApJ, 811, 52
231. Strotjohann, N. L., et al., *Absence of Precursor Explosions Prior to Type IIb Supernovae*, 2015, ApJ, 811, 117
232. Nicholl, M., et al., *On the diversity of super-luminous supernovae: ejected mass as the dominant factor*, 2015, MNRAS, 452, 3869
233. Fraser, M., et al., *SN 2009ip at late times - an interacting transient at +2 years*, 2015, MNRAS, 452, 3886

234. Mauerhan, J. C., et al., *Spectropolarimetry of SN 2011dh in M51: geometric insights on a Type IIb supernova progenitor and explosion*, 2015, MNRAS, 453, 4467
235. Yan, L., et al., *Detection of Broad H Emission Lines in the Late-time Spectra of a Hydrogen-poor Superluminous Supernova*, 2015, ApJ, 814, 108
236. Baron, E., et al., *Spectral Models for Early Time SN 2011fe Observations*, 2015, MNRAS, 454, 2549
237. Childress, M. J., et al., *Measuring nickel masses in Type Ia supernovae using cobalt emission in nebular phase spectra*, 2015, MNRAS, 454, 3816
238. Khazov, D., et al., *Flash Spectroscopy: Emission Lines from the Ionized Circumstellar Material around  $\sim$ 10-Day-Old Type II Supernovae*, 2016, ApJ, 818, 3
239. Toy, V. L., et al., *Optical and near-infrared observations of SN 2013dx associated with GRB 130702A*, 2016, ApJ, 818, 79
240. Smith, M., et al., *DES14X3taz: A Type I Superluminous Supernova Showing a Luminous, Rapidly Cooling Initial Pre-Peak Bump*, 2016, ApJ, 818, L8
241. Kangas, T., et al., *Supernova 2013fc in a circumnuclear ring of a luminous infrared galaxy: the big brother of SN 1998S*, 2016, MNRAS, 456, 323
242. Taddia, F., et al., *Metallicity from Type II Supernovae from the (i)PTF*, 2016, A&A, 587, L7
243. Arcavi, I., et al., *Rapidly Rising Transients in the Supernova - Superluminous Supernova Gap*, 2016, ApJ, 819, 35
244. Rubin, A., et al., *Type II Supernova Energetics and Comparison of Light Curves to Shock-Cooling Models*, 2016, ApJ, 820, 33
245. Ganot, N., et al., *The Detection Rate of Early UV Emission from Supernovae: A Dedicated Galex/PTF Survey and Calibrated Theoretical Estimates*, 2016, ApJ, 820, 57
246. Polshaw, J., et al., *LSQ13fn: A type II-Plateau supernova with a possibly low metallicity progenitor that breaks the standardised candle relation*, 2016, A&A, 588, 1
247. Taddia, F., et al., *Long-rising Type II supernovae from PTF and CCCP*, 2016, A&A, 588, 5
248. Magee, M. R., et al., *The type Iax supernova, SN 2015H: a white dwarf deflagration candidate*, 2016, A&A, 589, 89
249. Prentice, S.J., et al., *The bolometric light curves and physical parameters of stripped-envelope supernovae*, 2016, MNRAS, 458, 2973
250. Ofek, E. O., et al., *PTF 13efv - An outburst 500 days prior to the SNHunt 275 explosion and its radiative efficiency*, 2016, ApJ, 824, 6

251. Tartaglia, L., et al., *Interacting supernovae and supernova impostors. LSQ13zm: an outburst heralds the death of a massive star*, 2016, MNRAS, 459, 1039
252. Nicholl, M. et al., *SN 2015bn: a detailed multi-wavelength view of a nearby superluminous supernova*, 2016, ApJ, 826, 39
253. Abbott, B. P. et al., *Localization and broadband follow-up of the gravitational-wave transient GW150914*, 2016, ApJ, 826, L13
254. Abbott, B. P. et al., *Supplement: Localization and broadband follow-up of the gravitational-wave transient GW150914*, 2016, ApJS, 225, 8
255. Inserra, A., et al., *On type II<sub>n</sub>/Ia-CSM supernovae as exemplified by SN 2012ca*, 2016, MNRAS, 459, 2721
256. Taddia, F., et al., *iPTF15dtg: a double-peaked Type Ic Supernova from a massive progenitor*, 2016, A&A, 592, 89
257. Smartt, S. J., et al., *A search for an optical counterpart to the gravitational wave event GW151226*, 2016, ApJ, 827, L40
258. Fremling, C. et al., *PTF12os and iPTF13bvn: Two stripped-envelope supernovae from low-mass progenitors in NGC 5806*, 2016, A&A, 539, 68
259. Rubin, A. & Gal-Yam. A., *Unsupervised clustering of Type II supernova light curves*, 2016, ApJ, 828, 111
260. Nicholl, M., et al., *Superluminous supernova 2015bn in the nebular phase: evidence for the engine-powered explosion of a stripped massive star*, 2016, ApJ, 828, L18
261. Yuan, F., et al., *450 Days of Type II SN 2013ej in Optical and Near-Infrared*, 2016, MNRAS, 461, 2003
262. Palliyaguru, N. T., et al., *Radio follow-up of gravitational wave triggers during Advanced LIGO O1*, 2016, ApJ, 829, L28
263. Perley, D. A., et al., *Host-Galaxy Properties of 32 Low-Redshift Superluminous Supernovae from the Palomar Transient Factory*, 2016, ApJ, 830, 13
264. Zackay, B., et al., *Proper image subtraction - optimal transient detection, photometry and hypothesis testing*, 2016, ApJ, 830, 27
265. Corsi, A., et al., *Radio observations of a sample of broad-lined type Ic supernovae discovered by PTF/iPTF: A search for relativistic explosions*, 2016, ApJ, 830, 42
266. Bennett, D. P., et al., *The First Circumbinary Planet Found by Microlensing: OGLE-2007-BLG-349Lc*, 2016, AJ, 152, 125
267. Smartt, S. J. et al., *Pan-STARRS and PESSTO search for the optical counterpart to the LIGO gravitational wave source GW150914*, 2016, MNRAS, 462, 4094

268. Cao, Y., et al., *Two SN2002es-like Supernovae from Different Viewing Angles*, 2016, ApJ, 832, 86
269. Cartier, R., et al., *Early observations of the nearby type Ia supernova SN2015F*, 2017, MNRAS, 464, 4476
270. Leloudas, G., et al., *ASASSN-15lh as a Tidal Disruption Event from a Kerr Black Hole*, 2017, Nature Astronomy, 1, 2
271. Hosseinzadeh, G., et al., *Type Ibn Supernovae Have Similar Light Curves but Two Spectral Subclasses*, 2017, ApJ, in press
272. Yaron, O., et al., *Confined Dense Circumstellar Material Surrounding a Regular Type II Supernova*, 2017, Nature Physics, in press
273. Vreeswijk, P. M., et al., *On the early-time excess emission in hydrogen-poor superluminous supernovae*, 2017, ApJ, in press
274. Pian, E., et al., *Optical photometry and spectroscopy of the low-luminosity, broad-lined Ic supernova iPTF15dld*, 2017, MNRAS, in press
275. Jerkstrand, A., et al., *Long-Duration Superluminous Supernovae at Late Times*, 2017, ApJ, in press
276. Tartaglia, L., et al., *The progenitor and early evolution of the Type IIb SN 2016gkg*, 2017, ApJL, in press
277. Inserra, A., et al., *On the nature of Hydrogen-rich Superluminous Supernovae*, 2017, ApJ, submitted
278. Barbarino, C., et al., *LSQ14efd: observations of a shock break-out event in a type Ic Supernova*, 2017, MNRAS, submitted
279. Hachinger, S., et al., *Type Ia supernovae with and without blueshifted narrow Na I D lines - how different are they?*, 2017, MNRAS, submitted
280. Ofek, E. O., et al., *Interaction-Powered Supernovae: II. H $\alpha$  Emission Line Luminosity at Maximum Brightness*, 2017, ApJ, submitted
281. Arcavi, I., et al., *A unique long-lived multi-peaked supernova*, 2017, Nature, submitted
282. Nyholm, A., et al., *The bumpy light curve of Type IIn supernova iPTF13z during 3 years*, 2017, A&A, submitted
283. Taddia, F., et al., *PTF11mnb: the first analog of supernova 2005bf*, 2017, A&A, submitted
284. Dimitriadis, G., et al., *The late-time light curve of the type Ia supernova SN 2011fe*, 2017, MNRAS, submitted

285. Yan, L., et al., *Far-Ultraviolet to Near-Infrared Spectroscopy of A Nearby Hydrogen Poor Superluminous Supernova Gaia16apd*, 2017, ApJ, submitted
286. Lunnan, R., et al., *Two New Calcium-Rich Gap Transients in Group and Cluster Environments*, 2017, ApJ, submitted
287. Rubin, A. & Gal-Yam. A., *Exploring the efficacy and limitations of shock-cooling models: new results for Type II supernovae observed by the Kepler mission*, 2017, ApJ, submitted
288. Inserra, A., et al., *Complexity in the light curves and spectra of slow-evolving superluminous supernovae*, 2017, MNRAS, submitted
289. Leloudas, G., et al., *Time-Resolved Polarimetry of the Superluminous SN 2015bn with the Nordic Optical Telescope*, 2017, ApJL, submitted
290. Aartsen, M. G., et al., *Multiwavelength follow-up of a rare IceCube neutrino multiplet*, 2017, A&A, submitted

## Astronomical Circulars and Bulletins

1. Gal-Yam, A., & Maoz, D. *Supernova 1998cg in anonymous galaxy*, IAU Circ. 6917, 1998
2. Gal-Yam, A., & Maoz, D. *Supernovae 1998eu and 1998ev in anonymous galaxies*, IAU Circ. 7055, 1998
3. Gal-Yam, A., & Maoz, D. *Supernovae 1998fc and 1998fd in anonymous galaxies*, IAU Circ. 7082, 1998
4. Gal-Yam, A., & Maoz, D. *Supernova 1999C in anonymous galaxy*, IAU Circ. 7088, 1999
5. Gal-Yam, A., & Maoz, D. *Supernova 1998fc in anonymous galaxy*, IAU Circ. 7093, 1999
6. Gal-Yam, A., & Maoz, D. *Supernovae 1999au, 1999av, 1999aw, 1999ax, 1999ay*, IAU Circ. 7130, 1999
7. Gal-Yam, A., & Maoz, D. *Supernovae 1999cg, 1999ch, 1999ci*, IAU Circ. 7181, 1999
8. Gal-Yam, A., Maoz, D. & Guhathakurta P. *Supernova 1999cg in anonymous galaxy*, IAU Circ. 7198, 1999
9. Gal-Yam, A., Maoz, D. & Pogge, R. *Supernovae 1999ch and 1999ci*, IAU Circ. 7199, 1999
10. Gal-Yam, A. & Maoz, D. *Supernovae 1999ct, 1999cu, 1999cv*, IAU Circ. 7210, 1999
11. Gal-Yam, A. & Maoz, D. *Supernovae 1999db, 1999dc, 1999dd, 1999de*, IAU Circ. 7227, 1999
12. Gal-Yam, A., Maoz, D. & Guhathakurta P. *Supernova 1999ct, and no supernova 1999cv*, IAU Circ. 7356, 2000
13. Gal-Yam, A. & Maoz, D. *Supernovae 1999ax, 1999ay*, IAU Circ. 7357, 2000
14. Gal-Yam, A., Ofek, E., Maoz, D. & Leibowitz, E.M. *GRB000301C OT candidate optical observation*, GCN 593, 2000
15. Gal-Yam, A. & Maoz, D. *Supernova 1999gv*, IAU Circ. 7405, 2000
16. Gal-Yam, A. & Shemmer, O. *Supernova 2001G in MCG +08-17-43*, IAU Circ. 7569, 2001
17. Price, P. A., Gal-Yam, A., & Bloom, J. S. *GRB010126: optical observations*, GCN 923, 2001
18. Price, P. A., Gal-Yam, A., et al., *GRB010222: optical decay slope*, GCN 973, 2001
19. Gal-Yam, A. & Shemmer, O. *Supernova 2001X in NGC 5921*, IAU Circ. 7602, 2001
20. Gal-Yam, A. & Maoz D. *Supernova 2001al in anonymous galaxy*, IAU Circ. 7607, 2001

21. Gal-Yam, A. & Shemmer, O. *Supernova 2001bg in NGC 2608*, IAU Circ. 7622, 2001
22. Gal-Yam, A. & Shemmer, O. *Supernova 2001dk in UGC 913*, IAU Circ. 7676, 2001
23. Gal-Yam, A., Sharon, K., & Maoz, D. *Supernovae 1994ao, 1995bf*, IAU Circ. 7700, 2001
24. Gal-Yam, A., Sharon, K., & Maoz, D. *Supernovae 1996cl, 1996cp and 1996cq*, IAU Circ. 7701, 2001
25. Gal-Yam, A. & Shemmer, O. *Supernova 2002ao in UGC 9299*, IAU Circ. 7810, 2002
26. Gal-Yam, A. & Shemmer, O. *Supernova 2002ap in UGC M74*, IAU Circ. 7811, 2002
27. Gal-Yam, A. & Shemmer, O. *Supernova 2002an in NGC 2575*, IAU Circ. 7818, 2002
28. Gal-Yam, A. & Shemmer, O. *Supernova 2002ao in UGC 9299*, IAU Circ. 7819, 2002
29. Gal-Yam, A., Ofek, E. O. & Shemmer, O. *SN 2002ap - peak brightness date*, GCN 1312, 2002
30. Gal-Yam, A., Ofek, E. O. & Lipkin, Y. *GRB020405: OT observations*, GCN 1335, 2002
31. Ofek, E. O., Gal-Yam, A., Kaspi, S., Dann, J., & Ibbetson, P. *GRB020409: Optical observations*, GCN 1357, 2002
32. Gal-Yam, A. *XRF 020903: Archival Optical Images*, GCN 1556, 2002
33. Poznanski, D., Gal-Yam, A., Sharon, K., Maoz, D., & Jannuzi, B. *Supernovae 2003Q and 2003R*, IAU Circ. 8058, 2003
34. Ofek, E. O. & Gal-Yam, A. *GRB 030227 - faint tentative OT candidate*, GCN 1903, 2003
35. Gal-Yam, A. & Ofek, E. O. *GRB 030320: Optical Observations*, GCN 1946, 2003
36. Gal-Yam, A., Ofek, E. O. & Polishook, D. *GRB 030328: OT Photometry*, GCN 1984, 2003
37. Gal-Yam, A., Ofek, E. O., Polishook, D. & Leibowitz, E. M. *GRB 030329: OT B and R Photometry, Decline Rate*, GCN 1999, 2003
38. Ofek, E. O., Gal-Yam, A., Lipkin, Y., Sharon, K. & Medezinski, E. *GRB030329 - near contemporaneous optical limits from CONCAM*, GCN 2031, 2003
39. Lipkin, Y., Ofek, E. O., Gal-Yam, A., & Mendelson, H. *GRB030329 - Light curve flattening*, GCN 2034, 2003
40. Lipkin, Y., Ofek, E. O., Gal-Yam, A., Leibowitz, E. M. & Mendelson, H. *GRB030329 - OT brightens*, GCN 2041, 2003



41. Lipkin, Y., Leibowitz, E. M., Ofek, E. O., Gal-Yam, A. & Mendelson, H. *Photometry of GRB030329 - Constant OT Magnitude*, GCN 2049, 2003
42. Lipkin, Y., Leibowitz, E. M., Ofek, E. O., Kaspi, S., Gal-Yam, A. & Mendelson, H. *GRB030329 - OT rebrightens*, GCN 2060, 2003
43. Ofek, E. O., Choi, Y.-J., Gal-Yam, A. & Lipkin, Y. *GRB030501 observation report*, GCN 2201, 2003
44. Gal-Yam, A., Maoz, D., Prada, F., & Guhathakurta, P. *Supernova 2002lh*, IAU Circ. 8169, 2003
45. Gal-Yam, A. & Maoz, D. *No Supernovae 1998ev, 1999eu and 1999dc*, IAU Circ. 8171, 2003
46. Gal-Yam, A., et al. *Supernova 2003il*, IAU Circ. 8212, 2003
47. Ofek, E. O., Poznanski, D., Gal-Yam, A., & Lipkin, Y. *SN 2003jd - possible association with GRB 030929*, GCN 2434, 2003
48. Ellis, R. S., Sullivan, M., Nugent, P., & Gal-Yam, A., *Supernova 2004Z in MCG +10-19-85*, IAU Circ. 8294, 2004
49. Gal-Yam, A., Fox, D., Berger, E., & Wyatt, P. *GRB040323: NIR Observations and Variable Object*, GCN 2555, 2004
50. Soderberg, A., Gal-Yam, A., & Kulkarni, S. *Type Ic SN2001em (off-axis GRB jet?), optical spectrum*, GCN 2586, 2004
51. Cenko, S. B., et al. *Optical Observations of GRB040624*, GCN 2618, 2004
52. Berger, E., et al. *XRF 040701 - optical observations of the decaying Chandra source*, GCN 2631, 2004
53. Gal-Yam, A., & Fox, D. *Supernova 2004dr in ESO 479-G42*, IAU Circ. 8386, 2004
54. Rajala, A., Fox, D., & Gal-Yam, A., *Supernova 2004cs in UGC 11001*, IAU Circ. 8386, 2004
55. Gal-Yam, A., Fox D. & Kulkarni, S. *Spectroscopic identification of SNe 2004ds and SN 2004dt*, ATEL 321, 2004
56. Leonard, D. C., et al., *Supernova 2004eb in NGC 6387*, IAU Circ. 8405, 2004
57. Cenko, S. B, Fox, D. W., & Gal-Yam, A. *GRB041211: Continued P60 Observations*, GCN 2848, 2004
58. Djorgovski, S. G., Gal-Yam, A., & Price P. *Optical Transient in Lynx not a GRB*, GCN 2851, 2004
59. Gal-Yam, A., Soderberg, A., & Sullivan, M. *Radio observations of SNLS-04D2jz*, ATEL 376, 2005

60. Gal-Yam, A. *Type determination for SN 2004gw and SN 2005D*, ATEL 391, 2005
61. Gal-Yam, A. *Spectroscopic identification of supernovae*, ATEL 392, 2005
62. Gal-Yam, A. *Type determination for SN 2005Z and SN 2005aa*, ATEL 406, 2005
63. Gal-Yam, A. & Smith, G. P. *SN 2005ay - a type II SN to be observed by GALEX*, ATEL 448, 2005
64. Cenko, S. B, Fox, D. W., & Gal-Yam, A. *GRB050416: P200 NIR Observations*, GCN 3269, 2005
65. Gal-Yam, A. et al. *Type confirmation of SN 2005bx*, ATEL 475, 2005
66. Gal-Yam, A. and Djorgovski, S. G., *Type determination of SN 2005by*, ATEL 480, 2005
67. Gal-Yam, A. Sand, D., and Leonard, D. C., *Type refinement for SN 2005by*, ATEL 509, 2005
68. Cenko, S. B, Kulkarni, S. R., Gal-Yam, A., & Berger, E. *GRB 050416(a): Host Galaxy Redshift Determination*, GCN 3269, 2005
69. Gal-Yam, A. *Optical observations of SN 2005cs and the possible X-ray Flash in M51*, ATEL 561, 2005
70. Gal-Yam, A. & Sharon, K. *Type determination of SN 2005cy and SN 2005cx*, ATEL 568, 2005
71. Gal-Yam, A., Cenko, S. B., Berger, E., Krzeminski, W., & Lee, B. *GRB050724: Optical Variability in Nearby Galaxy*, GCN 3681, 2005
72. Leonard, D. C., & Gal-Yam, A., *SUPERNOVA 2005dc IN NGC 7107*, CBET 189, 2005
73. Gal-Yam, A., Sand, D. & Leonard, D. *Type determination of SN 2005dh and SN 2005di*, ATEL 581, 2005
74. Gal-Yam, A., Sand, D. & Leonard, D. *Type determination of SNF20050803-005*, ATEL 584, 2005
75. Gal-Yam, A. *SNe 1999dd and 1999de are AGN*, ATEL 586, 2005
76. Gal-Yam, A. et al. *GRB 051022: Host Galaxy Redshift*, GCN 4156, 2005
77. Gal-Yam, A. & Leonard, D. *Type determination of SN 2005ea*, ATEL 640, 2005
78. Gal-Yam, A. *Photometric typing of SN 2005ke*, ATEL 655, 2005
79. Sharon, K. et al. *Discovery of four SN candidates as a part of A Survey for Supernovae in Massive High-Redshift Clusters*, ATEL 723, 2006
80. Gal-Yam, A. *Type determination of SN 2006at*, ATEL 771, 2006

81. Mahabal, A., et al. *An Unusual Optical Transient from Palomar-Quest: Possible Peculiar Supernova*, ATEL 827, 2006
82. Leonard, D. C., et al. *Nova in M32*, CBET 593, 2006
83. Gal-Yam, A. & Ellis, R. *SN 2007ch is of type II*, ATEL 1073, 2007
84. Gal-Yam, A. & Sharon, K. *SN 2007fq is of type Ia*, ATEL 1154, 2007
85. Yuan, F., et al. *A second example of a Ia supernova associated with a super-Chandrasekhar mass white dwarf*, ATEL 1212, 2007
86. Gal-Yam, A. & Quimby, R. *SN 2007ir is a Type Ia supernova, M31 2007-10a is a FeII Nova*, ATEL 1236, 2007
87. Gal-Yam, A., Simon, J., Klotz, A. & Rosolowsky, E. *SN 2007on is probably a young type Ia event.*, ATEL 1263, 2007
88. Ofek, E., Gal-Yam, A., & Bauer, F. *GRB960202B - on the association with SN 1996cr*, GCN 7645, 2008
89. Gal-Yam, A., & Simon, J. *ROTSE3 J125642.7+273041 is probably a type Ia supernova of intergalactic origin*, ATEL 1617, 2008
90. Kulkarni, S., et al., *Supernova Discovery from the Palomar Transient Factory*, ATEL 1964, 2009
91. Quimby, R., et al. *SUPERNOVA 2009av*, CBET 1720, 2009
92. Quimby, R., et al. *Palomar Transient Factory: Discovery and Follow-Up of 25 Transients*, ATEL 2005, 2009
93. Quimby, R., et al. *Supernovae 2009cb, 2009cg-2009cx; Psn K0903-1, K0903-2, K0903-1; Variable Stars*, CBET 1754, 2009
94. Kasliwal, M. M., et al. *Supernova 2009ex-2009fh and Possible Supernovae K0905-1, K0905-2, K0905-3*, CBET 1920, 2009
95. Kasliwal, M. M., et al. *Palomar Transient Factory : Discovery, Photometric and Spectroscopic Follow Up Of Fifteen Optical Transients*, ATEL 2055, 2009
96. Fraser, M., et al. *Gemini-NIRI K-band observations of the sites of two recent radio transients in M82*, ATEL 2131, 2009
97. Kasliwal, M. M., et al. *SN2009jf in NGC7479 is a Type Ib supernova*, ATEL 2218, 2009
98. Kasliwal, M. M., et al. *SUPERNOVA 2009jf IN NGC 7479*, CBET 1955, 2009
99. Ofek, E. O., et al. *Palomar Transient Factory discovers a young, broad-line Type Ic supernova*, ATEL 2470, 2010

100. Cooke, J., et al. *Optical spectroscopy of SN 2010al; similar to SN 1998S at early times*, ATEL 2491, 2010
101. Quimby, R. M., et al. *Discovery of a Luminous Supernova, PTF10cwr*, ATEL 2492, 2010
102. Ofek, E. O., et al. *Supernova 2010ah*, CBET 2198, 2010
103. Gal-Yam, A., et al. *Independent discovery of a young core-collapse supernova by PTF and ROTSE*, ATEL 2603, 2010
104. Cenko, S. B., et al. *Swift/UVOT Observations of the Type II Supernova PTF10gva*, ATEL 2606, 2010
105. Gal-Yam, A., et al. *PTF discovery of a type II SN*, ATEL 2621, 2010
106. Gal-Yam, A., et al. *PTF discovery of PTF10hcw, a type Ib supernova*, ATEL 2631, 2010
107. Quimby, R., et al. *PTF discovery of PTF10heh, a luminous type IIn supernova*, ATEL 2634, 2010
108. Gal-Yam, A., et al. *PTF discovery of PTF10hif, a type IIn supernova*, ATEL 2649, 2010
109. Gal-Yam, A., et al. *PTF discovery of PTF10jka, a type II supernova*, ATEL 2675, 2010
110. Cenko, S. B., et al. *PTF discovery of PTF10jop, a strongly interacting supernova*, ATEL 2676, 2010
111. Gal-Yam, A., et al. *PTF discovery of PTF10hny, a type II supernova*, ATEL 2678, 2010
112. Gal-Yam, A., et al. *PTF discovery of PTF10htz, a type II supernova*, ATEL 2685, 2010
113. Ben-Ami, S., et al. *PTF discovery of PTF10ksq, a type II supernova*, ATEL 2723, 2010
114. Quimby, R., et al. *Discovery of a Luminous Supernova, PTF10hgi*, ATEL 2740, 2010
115. Ben-Ami, S., et al. *PTF discovery of PTF10myz, a type II supernova*, ATEL 2757, 2010
116. Gal-Yam, A., et al. *SN 2010fv is a type II supernova*, ATEL 2758, 2010
117. Arcavi, I., et al. *PTF Discovery of PTF10pjj, PTF10rin and PTF10raj, Three Type II Supernovae*, ATEL 2802, 2010

118. Gal-Yam, A., et al. *Discovery and multiwavelength follow-up of PTF10qts, a broad-line type Ic supernova*, ATEL 2817, 2010
119. Gal-Yam, A., et al. *SUPERNOVA 2010ib*, CBET 2488, 2010
120. Gal-Yam, A., et al. *SUPERNOVA 2010ib*, CBET 2490, 2010
121. Corsi, A., et al. *The Palomar Transient Factory discovery of PTF 10vgv, a broad-line Type Ic supernova*, ATEL 2914, 2010
122. Corsi, A., et al. *EVLA Observations of PTF10vgv*, ATEL 2915, 2010
123. Howell, D. A., et al. *A New Supernova Discovery/Classification*, ATEL 2934, 2010
124. Kasliwal, M. M., et al. *EVLA Observations of an Extremely Young Type Ia Supernova PTF10ygu*, ATEL 2957, 2010
125. Ben-Ami, S., et al. *Discovery and classification of 17 new supernovae by the Palomar Transient Factory*, ATEL 2961, 2010
126. Quimby, R., et al. *Discovery of a Luminous Supernova, PTF10vqv*, ATEL 2979, 2010
127. Arcavi, I., et al. *Discovery and classification of 18 new supernovae by the Palomar Transient Factory*, ATEL 3027, 2010
128. Arcavi, I., et al. *Discovery and classification of three new supernovae by the Palomar Transient Factory*, ATEL 3088, 2010
129. Horesh, A., et al. *SN2010kp/PTF10abpr, a very nearby Type II Supernova*, ATEL 3089, 2010
130. Kasliwal, M., et al. *EVLA and Swift Follow Up of PTF10abpr*, ATEL 3090, 2010
131. Parrent, J., et al. *Supernova 2010lm*, CBET 2604, 2010
132. Gal-Yam, A., et al. *PTF discovery of PTF10abyy, a young Type II Supernova*, ATEL 3091, 2010
133. Kasliwal, M., et al. *PTF10acbp: A Luminous Red Nova in the spiral UGC 11973*, ATEL 3094, 2010
134. Arcavi, I., et al. *Discovery and Classification of Five New Supernovae by the Palomar Transient Factory*, ATEL 3095, 2010
135. Tanvir, N. R., et al. *GRB 101225A: HST observations - no host detected*, GCN 11564, 2011
136. Xu, D., et al. *GRB 101225A: Keck redshift*, GCN 11522, 2011
137. Parrent, J., et al. *SUPERNOVA 2011M IN UGC 3218 = PSN J05004155+6214386*, CBET 2640, 2011

138. Gal-Yam, A., et al. *PTF weekly SN discovery report, April 1, 2011*, ATEL 3253, 2011
139. Gal-Yam, A., et al. *PTF weekly SN discovery report, April 8, 2011*, ATEL 3270, 2011
140. Gal-Yam, A., et al. *PTF weekly SN discovery report, April 15, 2011*, ATEL 3288, 2011
141. Gal-Yam, A., et al. *PTF weekly SN discovery report, April 22, 2011*, ATEL 3303, 2011
142. Arcavi, I., et al. *PTF weekly SN discovery report, April 29, 2011*, ATEL 3315, 2011
143. Gal-Yam, A., et al. *PTF weekly SN discovery report, May 20, 2011*, ATEL 3369, 2011
144. Gal-Yam, A., et al. *PTF weekly SN discovery report, May 27, 2011*, ATEL 3392, 2011
145. Gal-Yam, A., et al. *PTF weekly SN discovery report, June 3, 2011*, ATEL 3403, 2011
146. Horesh, A., et al. *Radio Detection of PTF11eon/SN2011dh*, ATEL 3405, 2011
147. Horesh, A., et al. *EVLA Detection of PTF11eon/SN2011dh*, ATEL 3411, 2011
148. Arcavi, I., et al. *PTF11eon/SN2011dh is Possibly a Type IIb Event*, ATEL 3413, 2011
149. Gal-Yam, A., et al. *PTF weekly SN discovery report, June 10, 2011*, ATEL 3442, 2011
150. Gal-Yam, A., et al. *PTF weekly SN discovery report, June 17, 2011*, ATEL 3442, 2011
151. Gal-Yam, A., et al. *PTF weekly SN discovery report, July 1, 2011*, ATEL 3464, 2011
152. Ofek, E.O., et al. *SDSS J130623.89-014033.6 is a type-II SN*, ATEL 3474, 2011
153. Gal-Yam, A., et al. *PTF weekly SN discovery report, July 8, 2011*, ATEL 3480, 2011
154. Gal-Yam, A., et al. *PTF weekly SN discovery report, July 15, 2011*, ATEL 3492, 2011
155. Cao, Y., et al. *PTF discovery and classification of a classical nova in the outskirts of M31*, ATEL 3498, 2011
156. Parrent, J., et al. *PTF discovers a young type II<sub>n</sub> SN in NGC 151*, ATEL 3510, 2011
157. Quimby, R.M., et al. *Swift UVOT Detection of PTF11iqb*, ATEL 3511, 2011
158. Quimby, R.M., et al. *Radio observations of the young supernova PTF11iqb*, ATEL 3512, 2011
159. Gal-Yam, A., et al. *PTF weekly SN discovery report, July 21, 2011*, ATEL 3513, 2011
160. Gal-Yam, A., et al. *PTF weekly SN discovery report, July 28, 2011*, ATEL 3521, 2011

161. Gal-Yam, A., et al. *PTF weekly SN discovery report, August 6, 2011*, ATEL 3531, 2011
162. Xu, D., et al. *Swift UVOT detection of SN2011ek*, ATEL 3541, 2011
163. Gal-Yam, A., et al. *PTF weekly SN discovery report, August 13, 2011*, ATEL 3557, 2011
164. Gal-Yam, A., et al. *PTF weekly SN discovery report, August 27, 2011*, ATEL 3630, 2011
165. Gal-Yam, A., et al. *PTF weekly SN discovery report, Sep. 2, 2011*, ATEL 3631, 2011
166. Gal-Yam, A., et al. *PSNJ01263469+3137036 is a type II supernova*, ATEL 3633, 2011
167. Gal-Yam, A., et al. *PTF weekly SN discovery report, Sep. 9, 2011*, ATEL 3644, 2011
168. Gal-Yam, A., et al. *PTF weekly SN discovery report, Sep. 23, 2011*, ATEL 3657, 2011
169. Gal-Yam, A., et al. *PTF weekly SN discovery report, Oct. 1, 2011*, ATEL 3668, 2011
170. Gal-Yam, A., et al. *PTF weekly SN discovery report, Oct. 21, 2011*, ATEL 3697, 2011
171. Gal-Yam, A., et al. *PTF weekly SN discovery report, Nov. 6, 2011*, ATEL 3739, 2011
172. Gal-Yam, A., et al. *PTF weekly SN discovery report, Nov. 18, 2011*, ATEL 3772, 2011
173. Gal-Yam, A., et al. *PTF weekly SN discovery report, Dec. 8, 2011*, ATEL 3798, 2011
174. Gal-Yam, A., et al. *PTF weekly SN discovery report, Dec. 31, 2011*, ATEL 3840, 2011
175. Quimby, R. M., et al. *Discovery of a Luminous Supernova, PTF11rks*, ATEL 3841, 2011
176. Gal-Yam, A., et al. *PTF weekly SN discovery report, Jan. 21, 2012*, ATEL 3874, 2012
177. Arcavi, I., et al. *PTF12os / PSN J14595904+0153251 is a Type IIb Supernova*, ATEL 3881, 2012
178. Van Dyk, S. D., et al. *A Search for the Progenitor of Supernova PTF12os (PSN J14595904+0153251)*, ATEL 3884, 2012
179. Gal-Yam, A., et al. *PTF weekly SN discovery report, Feb. 4, 2012*, ATEL 3911, 2012
180. Gal-Yam, A., et al. *PTF weekly SN discovery report, Mar. 9, 2012*, ATEL 3957, 2012
181. Poznanski, D., et al. *PTF observations of SN2012aw (PTF12bvh) and explosion date constraints*, ATEL 3996, 2012
182. Valenti, S., et al. *PESSTO spectroscopic classification of La Silla-Quest Transients*, ATEL 4037, 2012

183. Benitez-Herrera. S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4039, 2012
184. Benitez-Herrera. S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4063, 2012
185. Gal-Yam, A., et al. *PTF SN discovery report, March, 2012*, ATEL 4089, 2012
186. Gal-Yam, A., et al. *PTF SN discovery report, April, 2012*, ATEL 4090, 2012
187. Cenko, S. B., et al. *SUPERNOVA 2012cg IN NGC 4424 = PSN J12271283+0925132*, CBET 3111, 2012
188. Cenko, S. B., et al. *KAIT Discovery and Robotic Follow-up of a young SN Ia in NGC4424*, ATEL 4115, 2012
189. Quimby, R. M., et al. *Discovery of a Super-Luminous Supernova, PTF12dam*, ATEL 4121, 2012
190. Gal-Yam, A., et al. *PTF SN discovery report, May 29, 2012 (part 1)*, ATEL 4133, 2012
191. Gal-Yam, A., et al. *PTF SN discovery report, May 29, 2012 (part 2)*, ATEL 4134, 2012
192. Gal-Yam, A., et al. *PTF SN discovery report, July 2012*, ATEL 4289, 2012
193. Gal-Yam, A., et al. *PTF SN discovery report, May-June 2012*, ATEL 4290, 2012
194. Gal-Yam, A., et al. *PTF SN discovery report, July 2012*, ATEL 4293, 2012
195. Ben-Ami, S., et al. *PTF Discovery of PTF12gzk - A Peculiar Type I Supernova*, ATEL 4298, 2012
196. Smartt, S. J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4299, 2012
197. Cellier-Holzem F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4300, 2012
198. Inserra, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4303, 2012
199. Wright, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4313, 2012
200. Inserra, C., et al. *Further spectral classification of PESSTO blue transients*, ATEL 4329, 2012



201. Inserra, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4336, 2012
202. Fraser, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4337, 2012
203. Pastorello, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4339, 2012
204. Arcavi, I., et al. *PTF SN discovery report, August 2012*, ATEL 4340, 2012
205. Arcavi, I., et al. *PESSTO spectroscopic classification of optical transients 20120907*, ATEL 4362, 2012
206. Gal-Yam, A., et al. *PTF SN discovery report, September 8, 2012*, ATEL 4363, 2012
207. Pan, Y.-C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4369, 2012
208. Yaron, O., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4379, 2012
209. Fraser, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4460, 2012
210. Sternberg, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4469, 2012
211. Gal-Yam, A., et al. *PTF SN discovery report, October 9, 2012*, ATEL 4470, 2012
212. El-Hage, P., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4474, 2012
213. Sternberg, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4493, 2012
214. Sternberg, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4504, 2012
215. Inserra, C., et al. *SUPERNOVA 2012fs IN IC 35 = PSN J00373938+1021290*, CBET 3278, 2012
216. Inserra, C., et al. *SUPERNOVA 2012ft = PSN J20313345-4409173*, CBET 3279, 2012
217. Inserra, C., et al. *SUPERNOVA 2012fv IN IC 4815 = PSN J19065165-6142163*, CBET 3281, 2012
218. Inserra, C., et al. *SUPERNOVA 2012fw IN ESO 235-G37 = PSN J21015899-4816259*, CBET 3281, 2012

219. Inserra, C., et al. *SUPERNOVA 2012fx IN ESO 417-3 = PSN J02554120-2725276*, CBET 3281, 2012
220. Inserra, C., et al. *SUPERNOVA 2012fy = PSN J19371572-4218271*, CBET 3281, 2012
221. Inserra, C., et al. *SUPERNOVA 2012fz IN ESO 185-54 = PSN J20032484-5557192*, CBET 3285, 2012
222. Inserra, C., et al. *SUPERNOVA 2012ga IN NGC 6976 = PSN J20522510-0546156*, CBET 3286, 2012
223. Bufano, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4545, 2012
224. Bufano, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4550, 2012
225. Gonzalez-Gaitan, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4553, 2012
226. Marchi, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4558, 2012
227. Pignata, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4571, 2012
228. Turatto, M., et al. *PESSTO spectroscopic observation of LSQ12fuc*, ATEL 4575, 2012
229. Pignata, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4576, 2012
230. Anderson, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4594, 2012
231. Anderson, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4602, 2012
232. Maguire, K., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4618, 2012
233. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4620, 2012
234. Maguire, K., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4624, 2012
235. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4626, 2012

236. Pignata, G., et al. *SUPERNOVA 2012hb IN ESO 90-15 = PSN J09020546-6454197*, CBET 3322, 2012
237. Pignata, G., et al. *SUPERNOVA 2012hc IN NGC 986A (ESO 299-6) = PSN J02324096-3917562*, CBET 3323, 2012
238. Pignata, G., et al. *SUPERNOVA 2012hd IN IC 1657 = PSN J01140746-3239077*, CBET 3324, 2012
239. Pignata, G., et al. *SUPERNOVA 2012he IN MCG -06-12-2 = PSN J05005007-3839114*, CBET 3325, 2012
240. Maguire, K., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4644, 2012
241. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4646, 2012
242. Pan, Y., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4649, 2012
243. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4666, 2012
244. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4673, 2012
245. Sollerman, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4696, 2012
246. Taddia, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4698, 2012
247. Leloudas, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4703, 2012
248. Ergon, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4729, 2013
249. Sollerman, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4731, 2013
250. Taddia, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4754, 2013
251. Taddia, F., et al. *SUPERNOVA 2013B IN ESO 60-26 = PSN J09040080-7203248*, CBET 3374, 2013
252. Morales Garoffolo, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4767, 2013

253. Morales Garoffolo, A., et al. *SUPERNOVA 2013L IN ESO 216-39 = PSN J11452955-5035531*, CBET 3392, 2013
254. Taddia, F., et al. *SUPERNOVA 2013K IN ESO 9-G10 = PSN J17393154-8518381*, CBET 3391, 2013
255. Elias-Rosa, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4774, 2013
256. Morales Garoffolo, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4795, 2013
257. Benitez-Herrera, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4801, 2013
258. Morales Garoffolo, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4827, 2013
259. Inserra, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4851, 2013
260. Blagorodnova, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4852, 2013
261. Nicholl, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4860, 2013
262. Inserra, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4863, 2013
263. Hodgkin, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4876, 2013
264. Blagorodnova, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4880, 2013
265. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4882, 2013
266. Wyrzykowski, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4892, 2013
267. Nicholl, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4895, 2013
268. Yaron, O., et al. *Independent iPTF detection and spectroscopic follow-up observations of the Type II SN 2013am = iPTF13aaz in M65*, ATEL 4910, 2013
269. Fraser, M., et al. *SUPERNOVA 2013ai IN NGC 2207 = PSN J06161835-2122329*, CBET 3431, 2013

270. Inserra, C., et al. *SUPERNOVA 2013aj IN NGC 5339 = PSN J13540068-0755438*, CBET 3434, 2013
271. Inserra, C., et al. *SUPERNOVA 2013ao*, CBET 3442, 2013
272. Elias-Rosa, N., et al. *SUPERNOVA 2013bb IN NGC 5504 = PSN J14121396+1550315*, CBET 3466, 2013
273. Hachinger, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4940, 2013
274. Taubenberger, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4952, 2013
275. Fraser, M., et al. *First observations of the reappearance of SN 2009ip with PESSTO*, ATEL 4953, 2013
276. Elias-Rosa, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 4957, 2013
277. Taubenberger, S., et al. *SUPERNOVA 2013bg*, CBET 3479, 2013
278. Taubenberger, S., et al. *SUPERNOVA 2013bh*, CBET 3480, 2013
279. Cao, Y., et al. *iPTF discovery of a young SN candidate at  $z=0.00449$* , ATEL 5137, 2013
280. Arcavi, I., et al. *A Preliminary Search for the Progenitor of the SN Candidate PTF13bvn in the Nearby Galaxy NGC 5806*, ATEL 5140, 2013
281. Arcavi, I., et al. *Swift/UVOT Observations of the Nearby Type I Supernova iPTF13bvn*, ATEL 5146, 2013
282. Arcavi, I., et al. *Identification of a Possible Blue Progenitor for the Nearby Type Ib SN iPTF13bvn in HST Archival Images*, ATEL 5152, 2013
283. Arcavi, I., et al. *iPTF SN Discovery Report 20130723*, ATEL 5223, 2013
284. Vreeswijk, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5233, 2013
285. Yaron, O., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5247, 2013
286. De Cia, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5249, 2013
287. Barbarino, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5249, 2013
288. Arcavi, I., et al. *iPTF Core Collapse SN discovery report 20130812*, ATEL 5266, 2013

289. Vreeswijk, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5284, 2013
290. De Cia, A., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5290, 2013
291. Barbarino, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5296, 2013
292. Kankare, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5331, 2013
293. Kangas, T., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5335, 2013
294. Kankare, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5338, 2013
295. Mattila, T., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5345, 2013
296. Inserra, C., et al. *SUPERNOVA 2013fc IN ESO 154-10 = PSN J02450896-5544273*, CBET 3644, 2013
297. Kangas, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5373, 2013
298. Kankare, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5377, 2013
299. Kangas, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5380, 2013
300. Arcavi, I., et al. *iPTF Core Collapse SN discovery report 20130912*, ATEL 5387, 2013
301. Kankare, E., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5392, 2013
302. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5459, 2013
303. Elias-Rosa, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5521, 2013
304. Spiro, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5537, 2013
305. Turatto, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5542, 2013

306. Spiro, S., et al. *SUPERNOVA 2013fx*, CBET 3685, 2013
307. Elias-Rosa, N., et al. *SUPERNOVA 2013fy IN ESO 287-G40 = PSN J21372712-4701548*, CBET 3687, 2013
308. Turatto, M., et al. *SUPERNOVA 2013fz IN NGC 1578 = PSN J04234644-5135463*, CBET 3692, 2013
309. Spiro, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5578, 2013
310. Dennefeld, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5595, 2013
311. Bersier, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5596, 2013
312. Bersier, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5602, 2013
313. Bersier, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5615, 2013
314. Dennefeld, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5617, 2013
315. Bersier, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5620, 2013
316. Dennefeld, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5622, 2013
317. Arcavi, I., et al. *iPTF Core Collapse SN discovery report 2013-12-03*, ATEL 5623, 2013
318. Dennefeld, M., et al. *SUPERNOVA 2013gr IN ESO 114-G7 = PSN J01462790-5840238*, CBET 3733, 2013
319. Dennefeld, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5645, 2013
320. Bersier, D., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5648, 2013
321. Lyman, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5650, 2013
322. Arcavi, I., et al. *iPTF Discovery of iPTF13efs, a Type II (possibly IIb) Supernova*, ATEL 5672, 2013

323. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5681, 2013
324. Leget, P. F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5683, 2013
325. Fleury, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5686, 2013
326. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5689, 2013
327. Balland, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5696, 2013
328. Lyman, J., et al. *SUPERNOVA 2013hf IN ESO 365-G16 = PSN J06251007-3720413*, CBET 3752, 2013
329. Baumont, C., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5701, 2013
330. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5716, 2014
331. Leget, P. F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5718, 2014
332. Fleury, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5720, 2014
333. Le Guillou, L., et al. *SUPERNOVA 2014A IN NGC 5054 = PSN J13165936-1637570*, CBET 3771, 2014
334. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5738, 2014
335. Fleury, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5748, 2014
336. Le Guillou, L., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5755, 2014
337. Ergon, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5796, 2014
338. Leloudas, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5805, 2014



339. Taddia, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5813, 2014
340. Ergon, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5834, 2014
341. Leloudas, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5839, 2014
342. Taddia, F., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5842, 2014
343. Ergon, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5857, 2014
344. Leloudas, G., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5860, 2014
345. Ergon, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5864, 2014
346. Ergon, M., et al. *SUPERNOVA 2014P IN ESO 264-G49 = PSN J10540400-4548436*, CBET 3805, 2014
347. Fraser, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5908, 2014
348. Campbell, H., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5912, 2014
349. Blagorodnova, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5914, 2014
350. Walton, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5915, 2014
351. Cenko, S. B., et al. *iPTF14yb: iPTF Discovery of an Optical Afterglow-like Transient*, ATEL 5924, 2014
352. Cenko, S. B., et al. *iPTF14yb: iPTF Discovery of an Optical Afterglow-like Transient*, GCN 15883, 2014
353. Walton, N., et al. *SUPERNOVA 2014V IN NGC 3905*, CBET 3817, 2014
354. Blagorodnova, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5934, 2014
355. Campbell, H., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5937, 2014

356. Walton, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5957, 2014
357. Arcavi, I., et al. *iPTF Core Collapse SN discovery report 2014-03-09*, ATEL 5960, 2014
358. Blagorodnova, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5961, 2014
359. Fraser, M., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5968, 2014
360. Blagorodnova, N., et al. *SUPERNOVA 2014Z IN ESO 114-G4 = PSN J01440799-6107074*, CBET 3822, 2014
361. Blagorodnova, N., et al. *SUPERNOVA 2014aa IN NGC 3861 = PSN J11450358+1958254*, CBET 3823, 2014
362. Walton, N., et al. *SUPERNOVA 2014ac IN NGC 5837 = PSN J15044009+1237540*, CBET 3830, 2014
363. Inserra, C., et al. *SUPERNOVA 2013hx*, CBET 3836, 2014
364. Walton, N., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 5970, 2014
365. Benitez, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6087, 2014
366. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6089, 2014
367. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6091, 2014
368. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6094, 2014
369. Arcavi, I., et al. *iPTF Independent Discovery and Classification of the SN Candidate in NGC 4134 (PSN J12091154+2910209/iPTF14aoi) as a young SN II*, ATEL 6095, 2014
370. Benitez, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6107, 2014
371. Polshaw, J., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6109, 2014
372. Benitez, S., et al. *PESSTO spectroscopic classification of optical transients*, ATEL 6118, 2014

373. Cao, Y., et al. *Discovery and classification of a young Type Ia supernova in UGC 8503*, ATEL 6175, 2014
374. Benitez, S., et al. *SUPERNOVA 2014at IN NGC 7119 = PSN J21461482-4631211*, CBET 3862, 2014
375. Benitez, S., et al. *SUPERNOVA 2014au IN PGC 51192 = PSN J14192892-0537361*, CBET 3864, 2014
376. Blagorodnova, N., et al. *SUPERNOVA 2014di IN ESO 244-G31 = PSN J01300340-4241487*, CBET 3992, 2014
377. Gal-Yam, A., et al. *iPTF discovery of iPTF15ayt, a young Type II Supernova showing flash-spectroscopy signatures, and an HST target*, ATEL 7567, 2015
378. Gal-Yam, A., et al. *Further follow-up of the young SN iPTF15ayt*, ATEL 7581, 2015
379. Gezari, S., et al. *iPTF16fnl: Likely Tidal Disruption Event at 65 Mpc*, ATEL 9433, 2016

## Conference Proceeding

1. Maoz, D., Gal-Yam, A., Rix, H. & Gould A., 1998, *Do Galaxy Clusters Lens Quasars ?*, in the proceedings of “Galactic Halos: A UC Santa Cruz Workshop”, ed. D. Zaritsky, ASP Conference Series, Vol. 136, p. 320
2. Gal-Yam, A. & Maoz D., 1999, *Supernova rates in Abell galaxy clusters and implications for metallicity*, “Large Scale Structure in the X-ray Universe”, Proceedings of the 20-22 September 1999 workshop, Santorini, Greece, eds. Plionis, M. & Georgantopoulos, I., Atlantisciences, Paris, France, p .359
3. Gal-Yam, A. & Maoz D., 2000, *Supernova rates in Abell galaxy clusters and implications for metallicity*, in “Cosmic Explosions, Proceedings of the 10th Astrophysics Conference, College Park, Maryland”, eds. S. Holt & W. W. Zhang., AIP Conference Proceedings Vol. 522, p. 107
4. Gal-Yam, A. & Maoz D., 2000, *Supernova rates in Abell galaxy clusters and implications for metallicity*, “ Energy Densities in the Universe ”, proceedings of the XXXVth rencontres de Moriond, eds. J. Tran Thanh Van, R. Ansari, & Y. Giraud-Heraud, The Gioi Publishers, Vietnam, p. 179
5. Gal-Yam, A., Maoz, D. & Sharon K., 2001, *Supernovae in Deep Hubble Space Telescope Cluster Fields: Cluster Rates and Field Counts*, proceedings of “A new era in cosmology”, Durham, 2001, eds. N. Metcalfe & T. Shanks, ASP Conference Proceedings, Vol. 283, p. 289
6. Gal-Yam, A., Maoz, D., Sharon K., Prada, F., Guhathakurta, P., & Filippenko, A.V., 2003, *Supernovae in Galaxy Clusters*, Cosmic Explosions, On the 10th Anniversary of SN1993J. Proceedings of IAU Colloquium 192. Edited by J.M. Marcaide and Kurt W. Weiler. Springer Proceedings in Physics, vol. 99., p. 367, Berlin: Springer, 2005
7. Sharon K., Gal-Yam, A., & Maoz, D., 2003, *Supernovae counts in deep HST Fields*, Cosmic Explosions, On the 10th Anniversary of SN1993J. Proceedings of IAU Colloquium 192. Edited by J.M. Marcaide and Kurt W. Weiler. Springer Proceedings in Physics, vol. 99, CD version, Berlin: Springer, 2005.
8. Maoz, D. & Gal-Yam, A., 2003, *Constraints on SN Ia Progenitors and ICM enrichment from Field and Cluster SN Rates*, Cosmic Explosions, On the 10th Anniversary of SN1993J. Proceedings of IAU Colloquium 192. Edited by J.M. Marcaide and Kurt W. Weiler. Springer Proceedings in Physics, vol. 99, p.561, Berlin: Springer, 2005.
9. Poznanski, D., Gal-Yam, A., Maoz, D., Filippenko, A. V., Leonard, D. C., & Matheson, T., 2003, *Using Multi-Band Photometry to Classify Supernovae*, Cosmic Explosions, On the 10th Anniversary of SN1993J. Proceedings of IAU Colloquium 192. Edited by J.M. Marcaide and Kurt W. Weiler. Springer Proceedings in Physics, vol. 99, p.373, Berlin: Springer, 2005.

10. Gal-Yam, A., et al. 2004, *The Caltech Core-Collapse Project (CCCP)*, “1604-2004: Supernovae as Cosmological Lighthouses”, Proceedings of a meeting held in Padua, Italy. Edited by M. Turatto, S. Benetti, L. Zampieri, & W. Shea. ASP conference series, vol. 342, p. 305, San Francisco: ASP, 2005
11. Leonard, D. C., et al. 2004, *Are Core-Collapse Supernovae Round?*, BAAS, 205, 71.08
12. Gal-Yam, A., et al. 2004, *The Caltech Core-Collapse Project (CCCP)*, BAAS, 205, 40.06
13. Rajala, A., et al. 2004, *Phototyping of Young Supernovae with the Robotic P60*, BAAS, 205, 71.03
14. Nugent, P., et al. 2005, *A Cosmological Hubble Diagram for Type II-P Supernovae*, BAAS, 207, 15.03
15. Gal-Yam, A., et al. 2005, *The Hunt for Supernova Progenitors: A New Window Opened with Keck LGS*, BAAS, 207, 78.01
16. Nakar, E., & Gal-Yam, A., 2005 *Are the Properties of Host Galaxies of Short-Hard GRBs Consistent with an Origin of NS-NS Mergers?*, BAAS, 207, 158.03
17. Bufano, F., et al. 2006, *The Type IIP SN 2005ay: An Extensive Study From UltraViolet To Near-IR*, Supernovae: One Millennium After SN1006, 26th meeting of the IAU, Joint Discussion 9, 17-18 August 2006, Prague, Czech Republic, JD09, #36
18. Gal-Yam, A., et al. 2006, *Preliminary Results from the Caltech Core-Collapse Project (CCCP)*, The Multicoloured Landscape of Compact Objects and their Explosive Origins, June 2006, Cefalu, Italy, American Institute of Physics Conference Series, 924, 460, Ed. L. Burdari
19. Sharon, K., et al. 2006, *Survey for Supernovae in Massive High-Redshift Clusters*, The Multicoloured Landscape of Compact Objects and their Explosive Origins, June 2006, Cefalu, Italy, American Institute of Physics Conference Series, 924, 460, Ed. L. Burdari
20. Bufano, F., et al. 2007, *Type II-Plateau Supernova 2005ay: an extensive study from Ultraviolet to Near-Infrared*, The Multicoloured Landscape of Compact Objects and their Explosive Origins, June 2006, Cefalu, Italy, American Institute of Physics Conference Series, 924, 460, Ed. L. Burdari
21. Klesman, A. J., Sarajedini, V. L., Gal-Yam, A., & Sharon, K., 2007 *Optical Variability of Cluster AGN*, BAAS, 211, 46.12
22. Sullivan, M., et al., 2007 *Constraining Evolution in the Spectra of Type Ia Supernovae*, BAAS, 211, 105.09
23. Poznanski, D., et al., 2009 *The Standard Candle Method For Type II-P Supernovae - New Sample And PTF Perspective*, BAAS, 213, 469.09

24. Emilio Enriquez, J., et al., 2009 *Distances to Type II-P Supernovae from the Caltech Core-Collapse Project*, BAAS, 213, 490.07
25. Arcavi, I., et al., 2009 *Type II Supernova Light Curves from the Caltech Core Collapse Project*, BAAS, 214, 604.01
26. Scalzo, R. A., et al., 2010 *Nearby Supernova Factory Observations of SN 2007if: Evidence for Shell Structure in the Explosion of a Super-Chandrasekhar-Mass White Dwarf*, BAAS, 215, 343.06
27. Bensby, T., et al., 2010 *Elemental abundances in the Galactic bulge from microlensed dwarf stars*, IAU Symposium, 265, 346
28. Sternberg, A., et al., 2010 *A Search for CSM in Supernovae Ia via the Structure of Spectral Na D Absorption*, BAAS, 216, 428.05
29. Cooke, J., et al., 2011 *Type II<sub>n</sub> Supernova Detections in  $z \approx 2$  Lyman Break Galaxies: Probing the IMF Directly*, ASPC, 440, 337
30. Feltzing, S., et al., 2011 *The chemical evolution of the Galactic bulge seen through microlensing events*, proceedings of the conference at Le Grand Bornand, April 2011
31. Gal-Yam, A., 2012 *Pair-Instability Explosions: observational evidence*, IAUS, 279, 254
32. Van Dyk, S., et al., 2013 *The Dusty Red Supergiant Progenitor of Supernova 2012aw in M95*, BAAS, 221, 410.01
33. Phinney, E. S., et al., 2013 *LIMSAT: An Ultra-violet Time Domain Explorer*, BAAS, 221, 350.11
34. Silverman, J., et al., 2013 *Late-Time Spectral Observations of PTF11kx and Other Type Ia Supernovae Strongly Interacting with Circumstellar Media*, BAAS, 221, 253.06
35. Barlow, T., et al., 2013 *Results from a Combined Shallow-Wide GALEX+PTF Transient Search*, BAAS, 221, 215.10
36. Gal-Yam, A., 2013 *Superluminous Supernovae*, BAAS, 221, 131.05
37. Gal-Yam, A., 2014 *Supernova flash spectroscopy: a new observational window into stellar death*, BAAS, 223, 235.02
38. Ben-Ami, S., et al., 2014 *Multiplexed astronomical images: advantages, method, and prototype instrument*, Proc. SPIE, 9147, id. 91475U
39. Smith, N., et al., 2015 *PTF11iqb: Bridging the gap between Type IIn and normal Type II*, BAAS, 225, 140.42
40. Silverman, J. M., et al., 2015 *Type Ia Supernovae Strongly Interacting with Their Circumstellar Medium*, IAUGA 29, 2240036

41. Perley, D. A., et al., 2016 *The Host Galaxies of Superluminous Supernovae from the Palomar Transient Factory*, BAAS, 227, 237.04
42. Zackay, B., et al., 2016 *Proper coaddition of speckle images - diffraction limited ground-based imaging with high dynamic range*, BAAS, 227, 348.10
43. Gal-Yam, A., et al., 2016 *Optimal Image Subtraction*, BAAS, 227, 348.11
44. Ofek, E. O., et al., 2016 *Proper coaddition of astronomical images - One image that contains the information from all the images*, BAAS, 227, 348.12
45. Schipani, P., et al., 2016 *The new SOXS instrument for the ESO NTT*, SPIE Astronomical Telescopes & Instrumentation 2016, paper 9908-152

## **Books**

1. Abell, P., et al., 2009, *LSST Science Book* (minor contribution)
2. Murdin, P., & Alsabti, A., eds. 2017, *Handbook of Supernovae: Observational and Physical Classification of Supernovae* (invited, refereed book chapter)

## **Semi-popular**

1. Gal-Yam, A., 2012, *Super Supernovae*, Scientific American, June 1