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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

2021- : Dean, Faculty of Physics, Weizmann Institute of Science, Israel.

2017- : Full Professor, Weizmann Institute of Science, Israel.

2013-2021 : Chair, Physics Core Facilities Department, Weizmann Institute of Science

2012-2017 : Associate Professor, Weizmann Institute of Science, Israel.

2008-2021 : Head, Kraar Observatory Program, Weizmann Institute of Science

2007-2009 : 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

2021: Incumbent of the Arlyn Imberman Professorial Chair.

2018: Michael Bruno Memorial Award.

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: EURO 2,411,111
- Joint Weizmann-Texas A&M grant 2017 (with Prof. E. Ofek): \$ 50,000
- Binational Science Foundation (BSF) “transformative science” grant 2017-2020 (with Prof. E. Ofek and Prof. P. Nugent, UC Berkeley): \$ 300,000
- Space Infrastructure Program, Israeli Ministry of Science, 2018-2021: NIS 600,000 (with Prof. E. Waxman, Weizmann Institute; Prof. E. O. Ofek, Weizmann Institute)
- Israeli Science Foundation GW Excellence Center, 2018-2023: NIS 2,041,770 (with Prof. E. Waxman, Prof. E. O. Ofek and Dr. D. Kushnir, Weizmann Institute, Prof. E. Bechar, Technion, Dr. I. Arcavi, TAU)
- Yeda-Sela (YeS) Grant, 2019: \$100,000
- German-Israel Foundation (GIF) Grant, 2020-2022: \$ 360,000 (with Prof. E. Waxman, Weizmann Institute; Prof. M. Kowalski, DESY, Germany)
- Weizmann Institute MINERVA grant, 2020-2022: EURO 150,000

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, M.Sc., Weizmann Institute (Founder of Quest inc. Sweden)

2008: I. Arcavi, Ph.D., Weizmann Institute (Assistant Professor, Tel Aviv University, Israel)

2009: Y. Green, M.Sc., Weizmann Institute (Assistant Professor, Engineering, BGU, Israel)

2010: S. Ben Ami, Ph.D., Weizmann Institute (Assistant Professor, Weizmann Institute)

2012: I. Labzovsky, M.Sc., Weizmann Institute (Engineering Manager, google inc., Tel Aviv)

2012: N. Ganot, Ph.D., Weizmann Institute (IDF)

2012: B. Zackay, Ph.D., Weizmann Institute (Assistant Professor, Weizmann Institute)

2012: D. Tal, M.Sc., Weizmann Institute (R&D Physicist, Stratasys Inc., Israel)

2013: A. Rubin, Physics Ph.D. at the Weizmann Institute (ESO Fellow, ESO HQ, Germany)

2014: D. Khazov, M.Sc., Weizmann Institute (Algorithm Developer, Intel inc., Israel)

2015: I. Bar, M.Sc., Weizmann Institute (Algorithm Engineer, Razor Labs, Israel)

2016: R. Bruch, Ph.D., Weizmann Institute of Science

2017: I. Irani, Ph.D., Weizmann Institute of Science

2021: E. Zimmerman, Ph.D., Weizmann Institute of science

2019: O. Bengiat, M.Sc., Weizmann Institute of science (Ph.D, Vienna University, Austria)

2020: S. Goldwasser, M.Sc., Weizmann Institute of science

2020: S. Nahshon, M.Sc., Weizmann Institute of science

Postgraduate Mentoring

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

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

2010-2011: Dr. D. Polishook (Staff Scientist, Weizmann Institute)

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

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

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

2012-2015: Dr. A. Da Cia (Group leader, Geneva Observatory)

2012-2016: Dr. P. Vreeswijk (Staff, Radboud University, Nijmegen, The Neatherlands)

2013-2014: Dr. E. Gorbikov (Physicist, HP inc., Israel)

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

2014-2017: Dr. G. Leloudas (Senior Scientist, DTU Space, Copenhagen, Denmark)

2014-2021: Dr. M. Soumagnac (Assistant Professor, Bar-Ilan University, Israel)

2015-2017: Dr. J. Johansson (Postdoc, Stockholm University)

2016-2020: Dr. S. Schulze (Postdoc, Stockhokm University)

2016-2020: Dr. Y. Yang (Postdoc, Uc Berkeley, USA)

2019-present: Dr. N. Strotjohann

Observing Experience:

Extensive experience (~ 100 nights) with the Wise Observatory 1 m telescope, Israel

Extensive experience (~ 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

Four nights with the Aristarchos 2m telescope at Helmos Observatory, Greece

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; WHT 4.2m Telescope, Spain; TNG 3.5m Telescope, Spain; LT 2m Telescope, Spain

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

Other Professional Activities

- President, Israel Physics Society (IPS), 2020-present; Vice-president, 2017-2020
- Chair, Supernova Working Group, the International Astronomical Union (IAU), 2010-present (co-chairs P. Mazzali, S. Smartt)
- Member, Science Board, Zwicky Transient Factory (ZTF) project, 2017-present
- Member, Science Board, intermediate Palomar Transient Factory (iPTF) project, 2013-2016
- Member, Science Board, Palomar Transient Factory (PTF) project, 2009-2012
- Member, Science Board, Son of Xshooter (SOXS) spectrograph project, 2016-present
- Member, Science Board, extended Public ESO Spectroscopic Survey for Transient Objects (ePESSTO), 2017-present
- Member, Science Board, Public ESO Spectroscopic Survey for Transient Objects (PESSTO), 2012-2017
- Member, Science Advisory Committee, SEDM IFU spectrograph project, Caltech Optical Observatories, 2012-2013
- 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
- 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

Active Participation in Scientific Meetings:

Conference	Dates	Contribution
“The 15th Hellenic Astronomical Society Meeting” Patras, Greece (Virtual)	2021	Invited Talk
American Astronomical Society Meeting 237 Virtual	2021	Invited Presentation
Kavli-IAU Workshop “Transients 2020” Cape Town, South Africa	2020	Invited Talk
“The extragalactic explosive Universe: the new era of transient surveys” ESO HQ, Garching, Germany	2019	Invited Talk
“PAHEN 2019” Berlin, Germany	2019	Invited Talk
“F.O.E. Fifty-One Erg” Raleigh, North Carolina, USA	2019	Invited Talk
“Annual Multidisciplinary Science & Humanities Meetings: TIME” Jerusalem, Israel	2018	Invited Talk

Conference	Dates	Contribution
“Transients from Compact Objects” KIAA, Beijing, China	2017	Invited Talk
“The Amazing Life of Stars” Cefalu, Italy	2017	Invited Talk
“Kavli IAU Workshop on Future Space-Based Telescopes” Leiden, Neatherlands	2017	Invited Talk
“Superluminous Supernovae in the next decade” MIAPP, Garching, Germany	2017	Talk
“Big Questions in Astrophysics” KAW centennial conference, Lund, Sweden	2017	Invited Talk
AAS 229 Grapevine, Texas, USA	2017	Invited Talk
“Compact, Cataclysmic and Catastrophic Shri Kulkarni 60th Birthday meeting, Palomar Observatory, California, USA	2016	Invited Talk
“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
“Fronteirs 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

Conference	Dates	Contribution
“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
“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

Conference	Dates	Contribution
“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
“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

Conference	Dates	Contribution
“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
“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:

Optical Challenges in Astrophysics, “Light and Matter I-Core excellence Center annual meeting”, Maale Hahamisha, Israel, November 28, 2017

Transient Astrophysics in Real Time: Observing the Synthesis of the Elements, Munich Joint Astronomy Colloquium, European Southern Observatory HQ, Garching, Germany, November 9, 2017

Observing Stars as they Explode, Dan David Astronomy Symposium, Tel Aviv University, Israel, May 23, 2017

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, CCPP 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, Racah Memorial Lecture, The Weizmann Institute, Nov. 2007

The Progenitors of SNe Ia: New Observational Clues, KITP program, UC Santa Barbara, Dec. 2007

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 γ -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 γ -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
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