

Jeffrey D. Cooke

Curriculum Vitae

Centre for Astrophysics & Supercomputing
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ACADEMIC QUALIFICATIONS

- 2005 **PhD Physics** - University of California, San Diego
- 2001 **MSc Physics** - University of California, San Diego
- 1997 **BSc Astronomy** - San Diego State University

ACADEMIC EMPLOYMENT

RESEARCH

- 2014 - **ARC Future Fellow** - Centre for Astrophysics & Supercomputing, Swinburne University of Technology
- 2010 - 2014 **Research Fellow** - Centre for Astrophysics & Supercomputing Swinburne University of Technology
- 2009 - 2010 **Postdoctoral Researcher** - Dept. of Physics, Math., and Astronomy California Institute of Technology (Caltech)
- 2005 - 2009 **McCue Postdoctoral Fellow** - Department of Physics & Astronomy University of California, Irvine
- 2000 - 2005 **Graduate Researcher (Extragalactic)** - Department of Physics University of California, San Diego
- 1998 - 2000 **Graduate Researcher (Extrasolar planets)** - Department of Physics University of California, San Diego
- 1996 - 1998 **Astronomical Instrument Assembly** - Department of Astronomy Leach CCD Operating Systems Laboratory, San Diego State University

TEACHING AND LEARNING

- 2015 - **Instructor** - Department of Physics and Astronomy Swinburne University
- 1999 - 2010 **Adjunct Faculty / Instructor** - Department of Physics and Astronomy Grossmont College, El Cajon, CA, USA
- 2006 - 2006 **Instructor** - Department of Physics and Astronomy University of California, Irvine
- 2004 - 2004 **Instructor** - Department of Physics University of California, San Diego
- 2001 - 2002 **Department Senior Teaching Assistant** - *Department of Physics* University of California, San Diego
- 1998 - 2000 **Department Senior Teaching Assistant** - Department of Physics University of California, San Diego
- 1999 - 1999 **Adjunct Faculty / Instructor** - Department of Physics and Astronomy Palomar College, San Marcos, CA, USA
- 1998 - 1999 **Teaching Assistant / Instructor** - Department of Physics University of California, San Diego
- 1997 - 1999 **Teaching Assistant** - Dept. of Physics and Dept. of Astronomy San Diego State University

ENGAGEMENT AND LEADERSHIP ACTIVITIES

LEADERSHIP

- 2015 - **Swinburne Astronomical Instrumentation Laboratory Manager**
- 2015 - **CAASTRO Associate Investigator**, Dynamic and Evolving Themes
- 2015 - **Scientific and Local Organiser** for the "*Swinburne-Caltech Transients Workshop*", Caltech, Pasadena, CA, USA
- 2014 - **Scientific Organiser** - The Australian Magellan-Gemini-Keck Science Symposium, AAO
- 2014 - **Space Coordinator** - Centre for Astrophysics and Supercomputing
- 2014 - **Science Advisory Committee for Keck** - Swinburne University
- 2014 - **Organiser** - Swinburne Fast Radio Burst Workshop
- 2014 - **Science Working Group** - Mauna Kea Science Explorer
- 2013 - **Project Leader, SwinCam** - Australian-led prime focus, wide-field camera for the Keck Observatory
- 2011 - 2014 **Swinburne Keck Technical Secretary** - Liaison between Swinburne, Caltech, and Keck Observatory. Role included developing and executing policy and procedures, coordinating and overseeing Swinburne's \$30M Keck Observatory Time Allocation investment, providing instrument technical support, supporting Keck remote observations, and advancing and maintaining the Swinburne Remote Operations observation facility.
- 2008 - **Working Group** for the InfraRed Imaging Spectrograph (IRIS), an instrument being constructed for the Thirty Meter Telescope
- 2011 - 2012 **Scientific and Local organizing committee** for the "*Swinburne Keck Science Workshop*", Swinburne University
- 2011 **Visiting Scientist Researcher**, Cambridge University, UK
- 2010 - 2011 **Colloquium Organiser** - Swinburne University
- 2010 **Lead author** of the extragalactic White Paper contribution to Astro2010: The Astronomy and Astrophysics Decadal Survey, USA
- 2008 **Scientific Organizing Committee** for the "*Galaxy Formation as Revealed by Cosmic Gas*", Beckman Institute, Irvine, CA, USA
- 2007 **AstroGrad Seminar Founder**, University of California, Irvine
- 2006 **Colloquium Organiser** - University of California, Irvine

COMMITTEES AND PROFESSIONAL SERVICE

- 2015 - **Australian Keck Time Allocation Committee Working Group**
- 2015 **Harley Wood School for Astronomy Course Instructor**
- 2015 **Science contributor** - ARC Centre for Excellence for Gravitational Wave Discovery, Chief Investigator
- 2014 - **ANU Time Allocation Committee** - Australian National University
- 2014 - **ARC Discovery Project Grant Assessor**
- 2014 - **Chair of 3 and member of 9 additional PhD review panels** - Swinburne University
- 2014 **Contributor** - Swinburne STEM Blitz Series
- 2014 **Science contributor** - CAASTRO-3D, Associate Investigator
- 2013 - **Interview Committee for Postdoc Researchers and Instrument**

- Scientist** - Swinburne University
- 2010 - **Participant** - Open Day, Swinburne University
- 2010 - 2014 **Swinburne Telescope Allocation Committee for Keck Meeting**
Organiser - Swinburne University
- 2011 - 2012 **NOAJ Subaru Observatory Time Allocation Committee** - Japan
- 2011 - **Member of the Astronomical Society of Australia (ASA)**
- 2004 - **Journal Referee** for *Nature*, the *Monthly Notices of the Royal Astronomical Society (MNRAS)*, and the *Astrophysical Journal (ApJ)* and *Astrophysical Journal Letters (ApJL)*
- 1998 - **Member of the American Astronomical Society (AAS)**

PUBLIC OUTREACH

Led more than 50 public outreach nights, telescope observing star parties, and meteor shower observations at various observatories and university campuses for the general public, students, and Boy and Girl Scout troops

Delivered talks and demonstrations at year K - 12 schools to inspire young scientists

Public talks

- 2015 Pint of Science, Kelvin Club, Melbourne
- 2015 Wall of Fame public talk, Westville, IL, USA
- 2014 What if? Public Talk Series, Hawthorn library
- 2014 A Night at the Keck, Swinburne campus
- 2014 Swinburne Astronomy Public Lecture Series, Swinburne campus
- 2013 Astronomical Society of Victoria public talk, Melbourne
- 2013 Mount Burnett Observatory public talk, Mount Burnett, Victoria
- 2013 Friends of the Palomar Observatory public talk, Palomar, CA, USA
- 2012 Schlarman Academy public talk, Danville, IL, USA
- 2010 CSUSM public lecture series, San Marcos, CA, USA
- 2009 University of California, Irvine public talk, Irvine, CA, USA

Disseminated research to the public via:

Major Press Releases

- 2008 "Most luminous galaxy detected in the early Universe" Global coverage
- 2009 "Most distant supernovae known" ***Nature*** press release
- 2012 "Superluminous supernovae in the early Universe" ***Nature*** press release

Featured articles in *Nature 'News and Views'*, *Nature Scilog*, *The Conversation*, *Discover Magazine*, *Venture Magazine*, *Keck Observatory Annual Report*

Podcasts - *Nature Magazine*, Jodrell Bank, University of Manchester *Jodcast*

Radio show - *RRR Einstein-a-go-go*

Television interviews - *KABC TV, Los Angeles, UCTV, University of California, Irvine, CA, US*

Magazine interviews - *Discover, Astronomy, Sky & Telescope, Venture, others*

Newspaper interviews - *Orange County Register, Daily Pilot, Commercial News*

Press coverage - *National Geographic, Scientific American, Discovery Channel, ABC Science, BBC News, CBC News, Science 2.0, Daily Galaxy, Universe Today, Science Daily* plus online magazines and sites in over 40 countries and 25 languages

Guinness World Records - Most distant observed supernova

RESEARCH AND SCHOLARSHIP EXPERIENCE

RESEARCH FOCUS

Galaxies - Formation and evolution; high redshift galaxy mergers; new populations; the Epoch of Reionization

Transients - Highest redshift ($z > 2$) supernovae; superluminous supernovae; multi-wavelength counterparts to fast transients and gravitational wave sources

Intergalactic absorption systems - Detection and properties of absorption line systems (in particular the damped Ly α systems) in the sightlines toward quasars and (*new*) toward galaxies; metal-line systems (MgII and CIV systems)

POSTDOCTORAL RESEARCH SUPERVISION

- 2015 - **Dr Garry Foran** - Vision Impaired student, Swinburne University
2014 - **Tyler Pritchard** - Research Fellow, Swinburne University

POSTGRADUATE RESEARCH SUPERVISION

- 2015 - **Igor Andreoni** - PhD student, Swinburne University
2014 - **Stephanie Bernard** - PhD student, University of Melbourne
2014 - **Christopher Curtin** - PhD student, Swinburne University
2013 **Anna Weigel** - IAESTE Scholarship student, Swinburne University
2012 - 2014 **Stephanie Bernard** - MSc student, University of Melbourne
2010 - 2014 **Dr. C. Gonzalo Diaz** - PhD student, Swinburne University
2010 - 2013 **J. Chuck Horst** - MSc student, San Diego State University, CA, USA

UNDERGRADUATE RESEARCH SUPERVISION

- 2012 **Stephanie Bernard** - Vacation Scholarship student, Swinburne Univ.
2011 **Mara Murphy** - Vacation Scholarship student, Swinburne University
2010 - 2011 **Yuuki Omori** - Vacation Scholarship student, Swinburne University
2008 - 2009 **Eric Barbour** - BSc student, University of California, Irvine, CA, USA
1998 - 2005 **NSF "Research Experiences for Undergraduates" students**
(five students), University of California, San Diego, CA, USA
1997 - 1998 **NSF "Research Experiences for Undergraduates" students**
(two students), San Diego State University, CA, USA

HIGH SCHOOL STUDENT (YEAR 11 - 12) RESEARCH SUPERVISION

- 2010 **Gianni Manganelli**, *Deaf and Hard of Hearing* program student
University High School, Irvine, CA, USA
1998 - 2005 **Three teams of "Upward Bound" promising high school students**
University of California, San Diego, CA, USA

MENTORING

I have mentored high school students (HS), undergraduate (UG) and postgraduate (PG) students, and postdoctoral researchers (PDR) at seven different tertiary institutions. Relationships were established at each institution, with many relationships continuing long afterward. My mentorship includes **Swinburne University** (over 15 PG/PDR), **Caltech** (6 PG/PDR), the **University of California, Irvine** (~30 HS/UG/PG/PDR), the **University of California, San Diego** (~20 HS/UG/PG/PDR), **San Diego State University** (~10 HS/UG/PG), **Palomar College** (3 UG), and **Grossmont College** (~15 HS/UG).

GRANTS AND AWARDS

GRANTS

2015	Hubble Space Telescope Cycle 23 grant	\$65,500 USD
2015	Hubble Space Telescope Cycle 23 grant	\$40,000 USD
2014	Swift Space Telescope Cycle 11 grant	\$30,000 USD
2014	AMRFS grant - Swinburne	\$13,599 AUD
2014	Hubble Space Telescope Cycle 22 grant	\$64,730 USD
2014	Swift Space Telescope Cycle 11 grant	\$35,000 USD
2014	AMRFS grant - Swinburne	\$3,553 AUD
2013	Future Fellowship - Australian Research Council	\$627,374 AUD
2013	FICT Faculty Research Grant Scheme - Swinburne	\$6,000 AUD
2013	Visiting Professor Research Grant - Swinburne	\$6,300 AUD
2012	FICT Faculty Research Grant Scheme - Swinburne	\$5,880 AUD
2012	AMRFP grant - Aust. Nuc. Sci, and Tech. Org. (ANSTO)	\$2,136 AUD
2011	FICT Faculty Research Grant Scheme - Swinburne	\$8,850 AUD
2011	AMRFP grant - Aust. Nuc. Sci. and Tech. Org. (ANSTO)	\$6,615 AUD
2010	Hubble Space Telescope Cycle 18 grant	\$180,000 USD
2008	Hubble Space Telescope Cycle 16 grant	\$55,000 USD

AWARDS

2014	Vice Chancellor's Research Excellence Award - Swinburne
2013	Westville High School Wall of Fame - Westville, IL, USA
2006 - 2009	McCue Fellowship Award - University of California, Irvine
2002	Senior Teaching Assistant Outstanding Service Award University of California, San Diego
2000	Teaching Assistant Excellence Award in Physics University of California, San Diego
1997	Outstanding Graduate Award Astronomy - San Diego State Univ.
1996	Lucas Scholarship Award - San Diego State University

PROFESSIONAL DEVELOPMENT ACTIVITIES

INVITED TALKS (LAST 10 YEARS)

2015	Harley Wood School for Astronomy - Rottnest Island , WA, AU
2015	International Collaboration Meeting on Antarctic Survey Telescopes - Hong Kong , PR, China
2015	Colloquium - Cerro Tololo Interamerican Observatory , La Serena, Chile
2014	<i>Lyman Continuum Leakage and Cosmic Reionization Conference</i> - Stockholm University , Stockholm, Sweden
2014	Colloquium - University of Melbourne , Parkville, VIC, AU
2013	WISH Science Workshop, Tokyo Japan
2013	Colloquium - Max Planck Institut fur Extraterrestrische Physik , Garching, Germany
2013	Seminar - Swinburne University , Hawthorn, VIC, AU
2013	Colloquium - RSAA, ANU , Mt. Stromlo Observatory, NSW, AU

- 2012 Colloquium - **Monash University**, Clayton, VIC, AU
- 2012 Colloquium - **University of Melbourne**, Parkville, VIC, AU
- 2011 Colloquium - **Swinburne University**, Hawthorn, VIC, AU
- 2011 Seminar - **Cambridge University**, Cambridge, UK
- 2011 *A Quarter Century of DLAs: Celebrating the Career of Arthur Wolfe* - **MPIA Ringberg Castle**, Germany
- 2011 Colloquium - **San Diego State University**, San Diego, CA, USA
- 2011 Seminar - **Swinburne University**, Hawthorn, VIC, AU
- 2010 Pasadena Postdoc Workshop - **Carnegie Observatories**, Pasadena, CA, USA
- 2010 Frontiers in Science Seminar - **California State University San Marcos**, CA, USA
- 2010 Colloquium - **Stanford University**, Palo Alto, CA, USA
- 2010 Colloquium - **University of California, San Diego**, La Jolla, CA, USA
- 2010 Colloquium - **University of California, Santa Barbara**, Santa Barbara, CA, USA
- 2009 Colloquium - **University of California, Riverside**, Riverside, CA, USA
- 2009 *A Festival of Cosmic Explosions: Rogerfest* - **Caltech**, Pasadena, CA, USA
- 2009 Colloquium - **California State University Northridge**, CA, USA
- 2009 Seminar - **University of California, Santa Cruz**, Santa Cruz, CA, USA
- 2009 Colloquium - **Carnegie Observatories**, Pasadena, CA, USA
- 2008 Seminar - **University of California, Riverside**, Riverside, CA, USA
- 2008 Seminar - **Caltech**, Pasadena, CA, USA
- 2008 Seminar - **University of California, Los Angeles**, Los Angeles, CA, USA
- 2008 Colloquium - **Notre Dame University**, South Bend, IN, USA
- 2008 Colloquium - **Canada-France-Hawaii Telescope Headquarters**, Kamuela, HI, USA
- 2007 Colloquium - **University of California, Davis**, Davis, USA
- 2007 Colloquium - **University of California, Irvine**, Irvine, CA, USA
- 2007 Seminar - **Caltech**, Pasadena, CA, USA
- 2007 Seminar - **Carnegie Observatories**, Pasadena, CA, USA
- 2006 Colloquium - **Canada-France-Hawaii Telescope Headquarters**, Kamuela, HI, USA
- 2006 Seminar - **University of California, Irvine**, Irvine, CA, USA

CONTRIBUTED TALKS (LAST 10 YEARS)

- 2015 IGM@50: Is the Intergalactic Medium Feeding Star Formation? - **INAF Abbazia di Spineto**, Sarteano, Italy
- 2015 *Reionization: A Multiwavelength Approach* - **Kruger Park**, South Africa
- 2015 Australian Magellan-Gemini-Keck Science Symposium - **Australian Astronomical Observatory**, North Ryde, NSW, AU
- 2014 *The Role of Hydrogen in the Evolution of Galaxies* - **Sarawak**, Borneo
- 2014 48th meeting, *Cosmology* - **Australian Astronomical Society**, Macquarie University, Sydney, NSW, AU
- 2014 *The Formation and Growth of Galaxies in the Young Universe* - **Obergurgl**, Austria
- 2013 *Reionization in the Red Centre: New Windows on the High Redshift Universe* - **Uluru-Kata Tjuta National Park**, NT, AU

- 2013 47th meeting, *Cosmology* - **Australian Astronomical Society**, Monash University, Clayton, VIC, AU
- 2013 *The Origin of the Hubble Sequence* - **Institut d'astrophysique de Paris**, Paris, France
- 2013 222nd Meeting, *S208, Galaxies and AGN I* - **American Astronomical Society**, Indianapolis, IN, USA
- 2012 Keck Science Meeting - **University of California, San Diego**, CA, USA
- 2012 *Supernovae Illuminating the Universe: from individuals to Populations* - **Garching**, Germany
- 2012 *First Stars IV: From Hayashi to the Future* - **Kyoto**, Japan
- 2012 Swinburne Keck Science Meeting - **Swinburne University**
- 2011 Keck Science Meeting - **Caltech**, Pasadena, CA, USA
- 2011 *Supernovae and Their Host Galaxies* - **Australian Astronomical Observatory**, Sydney, NSW, Australia
- 2011 217th Meeting, *S423, Supernovae IV* - **American Astronomical Society**, Seattle, WA, USA
- 2010 *Have Observations Revealed a Variable Upper End of the Initial Mass Function?* - **UP2010**, Sedona, AZ, USA
- 2010 216th Meeting, *S301, A Violent Potpourri: Novae, SNe, etc.* - **American Astronomical Society**, Miami, FL, USA
- 2009 *Stellar Populations: Planning for the Next Decade*, S262 - **General Assembly of the IAU**, Rio De Janeiro, Brazil
- 2009 213th Meeting, *S321, Supernovae I* - **American Astronomical Society**, Long Beach, CA, USA
- 2008 *Probing Stellar Populations Out to the Distant Universe* - **INAF**, Cefalu, Sicily, Italy
- 2008 Santa Cruz Galaxy Workshop - **University of California, Santa Cruz**, Santa Cruz, CA, USA
- 2008 *Science with Giant Telescopes Conference* - **NOAO GSMT Science Working Group**, Chicago, IL, USA
- 2008 211th Meeting, *S24, The Nature of High-Redshift Galaxies* - **American Astronomical Society**, Austin, TX, USA
- 2007 Santa Cruz Galaxy Workshop - **University of California, Santa Cruz**, Santa Cruz, CA, USA
- 2007 *HI Survival Through Cosmic Times* - **INAF Abbazia di Spineto**, Sarteano, Italy
- 2006 Keck Science Meeting - **University of California, Irvine**, Irvine, CA, USA
- 2005 205th Meeting, *S129, Absorptions and the IGM* - **American Astronomical Society**, San Diego, CA, USA

CONFERENCE PROCEEDINGS AND CATALOGUES

- 1). VizieR Online Data Catalog: z~5.7 C IV absorption systems
Diaz, C. G., Koyama, Y., Ryan-Weber, E. V., **Cooke, J.**, Ouchi, M., Shimasaku, K., & Nakata, F. 2015, SIMBAD: 2015yCat..74420946D
- 2). VizieR Online Data Catalog: Light curves of 2 superluminous supernovae
Cooke, J., Sullivan, M., Gal-Yam, A., Barton, E. J., Carlberg, R. G., Ryan-Weber, E. V., Horst, C., Omori, Y., & Diaz, G. 2012, SIMBAD: 2012yCatp038049101C

- 3). *Pair-instability and super-luminous supernova discoveries at $z = 2.05$, $z = 2.50$, and $z = 3.90$*
Cooke, J., Sullivan, M., Gal-Yam, A., Carlberg, R. G., Ellis, R. S., Barton, E. J., Ryan-Weber, E. V., Horst, C., Omori, Y., & Diaz, C. G. 2012, FIRST STARS IV – FROM HAYASHI TO THE FUTURE –. AIP Conference Proceedings, Volume 1480, pp. 200–203
- 4). *Spatial anti-correlation of Lyman break galaxies based on their spectral features*
Cooke, J. & Omori, Y. 2011 Galaxy Formation: An International Conference, Conference Proceedings, P103
- 5). *Type IIIn supernova detections in $z \sim 2$ Lyman break galaxies: Probing the IMF directly*
Cooke, J., Sullivan, M., Barton, E. J., Ellis, R. S., & Gal-Yam, A. 2011, UP2010: Have Observations Revealed a Variable Upper End of the Initial Mass Function? ASP Conference Proceedings, Vol. 440, 337
- 6). *Exploring Observational Parameter Space at Very High Redshifts*
Barton, E. J. & **Cooke, J.** 2011, The First Stars and Galaxies: Challenges for the Next Decade. AIP Conference Proceedings, Volume 1294, 196
- 7). *Core-Collapse Supernovae from the Palomar Transient Factory: Indications for a Different Population in Dwarf Galaxies*
Arcavi, I., Gal-Yam, A., Kasliwal, M. M., Quimby, R. M., Ofek, E. O., Kulkarni, S. R., Nugent, P. E., Cenko, S. B., Bloom, J. S., Sullivan, M., Howell, D. A., Poznanski, D., Filippenko, A. V., Law, N., Hook, I., Jonsson, J., Blake, S., **Cooke, J.**, Dekany, R., Rahmer, G., Hale, D., Smith, R., Zolkower, J., Velur, V., Walters, R., Henning, J., Bui, K., McKenna, D., & Jacobsen, J. 2010, Proceedings of the XXVIth IAP Annual Colloquium, 26
- 8). *First Light Sources at the End of the Dark Ages: Direct Observations of Population III Stars, Proto-Galaxies, and Supernovae During the Reionization Epoch*
Cooke, J., Cooray, A., Chary, R.-R., Bromm, V., Cen, R., Ellis, R., Fernandez, E., Furlanetto, S., Loeb, A., Moore, A. M., Moustakas, L., Oh, P., O’ Shea, B., Scannapieco, E., Smith, B., Trenti, M., Venkatesan, A., Whalen, D., Yoshida, N. 2009, *Astronomy*, 2010, 53
- 9). *LSST Science Book, Version 2.0*
LSST Science Collaborations 2009, arXiv:0912.0201
- 10). *Detecting $z > 2$ Type IIIn Supernovae*
Cooke, J., Sullivan, M., & Barton, E. J. Probing Stellar Populations out to the Distant Universe: Cefalu 2009, American Institute of Physics Conference Series, 1111, 547
- 11). *UCSD/Keck Damped Ly α Abundance Database*
Prochaska, J. X., Wolfe, A. M., Howk, J. C., Gawiser, E., Burles, S. M., & **Cooke, J.** 2009, *Cat*, 21710029
- 12). *Detecting $z > 2$ Type IIIn Supernovae*
Cooke, J., Barton, E. J., & Sullivan, M., Massive Stars as Cosmic Engine Through the Ages, Proceedings of the International Astronomical Union, Volume 3, Symposium S250, Cambridge University Press, 2008
- 13). *The Clustering of Damped Ly α Absorbers with $2.5 < z < 5.0$ Lyman Break Galaxies*
Cooke, J., Wolfe, A. M., Prochaska, J. X., & Gawiser, E. 2007, HI Survival Through Cosmic Time OAA International Conference Proceedings, Eds. F. Bresolin, P.A. Crowther & J. Puls

- 14). *Variable stars in NGC 6819 field*
Street, R. A., Horne, K., Lister, T. A., Penny, A. J., Tsapras, Y., Quirrenbach, A., Safizadeh, N., **Cooke, J.**, Mitchell, D., & Cameron, A.C. 2006, Vizie-R On-line Data Catalog, MNRAS, 73580795
- 15). *University of St. Andrews Open Cluster Survey for Hot Jupiters*
Street, R. A., Horne, K., Collier Cameron, A., Tsapras, Y., Bramich, D., Penny, A., Quirrenbach, A., Safizadeh, N., Mitchell, D., **Cooke, J.**, *Scientific Frontiers in Research on Extrasolar Planets, ASP Conference Series*, Ed. by Drake Deming and Sara Seager (San Francisco), 2003, Astronomical Society of the Pacific, 294, 401
- 16). *A Search for Planetary Transits in Open Clusters*
Street, R. A., Horne, K., Penny, A., Tsapras, Y., Quirrenbach, A., Safizadeh, N., **Cooke, J.**, Mitchell, D., Cameron, A. C., *Disks, Planetesimals, and Planets, ASP Conference Proceedings*, ed. by F. Garzon, C. Eiroa, D. de Winter, & T. J. Mahoney 2000 Astronomical Society of the Pacific, 219, 572
- 17). *EXPORT: Search for Transits in Open Clusters with the Jakobus Kapteyn and the Lick 1 m Telescopes*
Quirrenbach, A., **Cooke, J.**, Mitchell, D., Safizadeh, N., Deeg, H., & the EXPORT team, *Disks, Planetesimals, and Planets, ASP Conference Proceedings*, edited by F. Garzon, C. Eiroa, D. de Winter, & T. J. Mahoney 2000, Astronomical Society of the Pacific, 219, 566

CIRCULARS

- 1). *Planned HST observations of LSQ15abl*
Quimby, R. M., **Cooke, J.**, & Pritchard, T. 2015, ATel, 7439, 1
- 2). *iPTF13akn: Discovery of a Classical Nova in Messier 94*
Kasliwal, M. M., Cao, Y., De Cia, A., Ofek, E. O., Arcavi, I., Perley, D., Nugent, P. E., Cenko, S. B., **Cooke, J.**, Kacprzak, G., & Kulkarni, S. R. 2013, ATel, 4967, 1
- 3). *Discovery and classification of three new supernovae by the Palomar Transient Factory*
Arcavi, I., Ben-Ami, S., Xu, D., Gal-Yam, A., Nugent, P. E., Kasliwal, M. M., Polishook, D., Sternberg, A., Kulkarni, S. R., Quimby, R., Ofek, E. O., Sullivan, M., Howell, D. A., Bloom, J., **Cooke, J.**, Cenko, S. B., & Law, N. 2011, ATel, 3189, 1
- 4). *Discovery and classification of five new supernovae by the Palomar Transient Factory*
Arcavi, I., Horesh, A., Sesar, B., Sullivan, M., Maguire, K., Ben-Ami, S., Sternberg, A., Green, Y., Gal-Yam, A., Kulkarni, S. R., Quimby, R., Kasliwal, M. M., Ofek, E. O., Nugent, P. E., Howell, D. A., Bloom, J., **Cooke, J.**, Cenko, S. B., & Law, N. 2010, ATel, 3095, 1
- 5). *Discovery and classification of three new supernovae by the Palomar Transient Factory*
Arcavi, I., Horesh, A., Cao, Y., Sternberg, A., Gal-Yam, A., Ben-Ami, S., Kulkarni, S. R., Quimby, R., Kasliwal, M. M., Ofek, E. O., Nugent, P. E., Sullivan, M., Howell, D. A., Bloom, J., **Cooke, J.**, Cenko, S. B., & Law, N. 2010, ATel, 3088, 1
- 6). *Discovery and classification of 18 new supernovae by the Palomar Transient Factory*
Arcavi, I., Xu, D., Matheson, T., Kulkarni, S. R., Gal-Yam, A., Quimby, R., Kasliwal, M. M., Ofek, E. O., Nugent, P. E., Sullivan, M., Howell, D. A., Bloom, J. S., Ben-Ami, S., **Cooke, J.**, Cenko, S. B., & Law, N. 2010, ATel, 3027, 1

- 7). *Discovery and classification of 17 new supernovae by the Palomar Transient Factory*
Ben-Ami, S., Badenes, C., Kulkarni, S. R., Matheson, T., Xu, D., Gal-Yam, A., Arcavi, I., Kasliwal, M. M., Quimby, R., Yaron, O., Stenberg, A., Green, Y., Nugent, P. E., Howell, D. A., Sullivan, M., **Cooke, J.**, Cenko, S. B., Law, N., Levitan, D., Ofek, E. O., Poznanski, D., & the Palomar Transient Factory 2010, ATel, 2961, 1
- 8). *The Early Type Ia Supernovae PTF10nlg and PTF10ndc*
Howell, D. A., Nugent, P., Sullivan, M., **Cooke, J.**, Cenko, S. B., Perley, D., Bloom, J. S., Miller, A. A., Botyanszki, J., & Cucchiara, A. 2010, ATel, 2735, 1
- 9). *Optical spectroscopy of SN 2010al; similar to SN 1998S at early times*
Cooke, J., Ellis, R. S., Nugent, P. E., Howell, D. A., Sullivan, M., & Gal-Yam, A. 2010, ATel, 2491, 1
- 10). *GRB 070810: Keck redshift and photometry*
Thoene, C. C., Perley, D. A., **Cooke, J.**, Bloom, J. S., Chen, H.-W., & Barton, E. J. 2007, GCN, 6741, 1
- 11). *GRB 070809: Keck imaging*
Perley, D. A., Thoene, C. C., **Cooke, J.**, Bloom, J. S., & Barton, E. J. 2007, GCN, 6739, 1
- 12). *Supernovae 2005kz and 2005la*
Cooke, J., Berrier, J. C., Filippenko, A. V., Foley, & R. J., Matheson, T., 2005, IAUC, 8639, 3C
- 13). *Supernova 2009ex-2009fh and Possible Supernovae K0905-1, K0905-2, K0905-3*
Kasliwal, M. M., Kulkarni, S. R., Quimby, R., Nugent, P. E., Howell, D. A., **Cooke, J.**, Cenko, S. B., Gal-Yam, A., Law, N., Levitan, D., Ofek, E. O., & Poznanski, D. 2009, CBET, 1820, 2
- 14). *Palomar Transient Factory: Discovery, Photometric and Spectroscopic Follow Up Of Fifteen Optical Transients*
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