Eric C. Bellm

Curriculum Vitae

University of Washington Astronomy Dept.
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Research Interests

Compact binaries; synoptic surveys; instrumentation.

Professional Appointments

Research Associate Professor, University of Washington 2023–
Research Assistant Professor, University of Washington 2017–2023
Postdoctoral Scholar, California Institute of Technology 2011–2017

Education

Ph.D., Physics **University of California, Berkeley** 2011
M.A., Physics **University of California, Berkeley** 2007
A.B., Physics and Astronomy **Harvard College** 2005

Leadership Roles

Algorithms & Pipelines Lead, Data Management 2026–
Vera C. Rubin Observatory Operations
Alert Production Pipeline Group Leader, Data Management 2021–2026
Vera C. Rubin Observatory Operations
Alert Production Science Lead, Data Management 2017–2025
Vera C. Rubin Observatory Construction
Survey Scientist, Zwicky Transient Facility 2017–
Project Scientist, Zwicky Transient Facility 2011–2017

External Research Support

"Data Management Services Agreement" 2021–
UW contract with AURA for Rubin Observatory Construction & Operations
Co-I. (P.I. M. Jurić), $3.2–4.3M annually ($1.7–2.4M annually to ECB)

"A Search for Self-Lensing Compact Binaries with the Zwicky Transient Facility" 2024–2027
P.I., $526k, NSF Astronomy and Astrophysics Research Grants

"A Galaxy of Binaries: Evolving Kicked Populations Through Galactic Potentials 2024–2026
P.I. (Science P.I. T. Wagg), $545k, NASA ATP

"Swiftly Confirming New Optical/IR-Detected X-ray Transients" 2023
P.I., $34k, *Swift* Cycle 19

"AXS—Enabling Analysis of Petascale Astronomical Datasets" 2020–2023
Co-I. (P.I. M. Jurić), $579k, NSF R&RA

"From Firehouse to Fountain: Taming and Training the ZTF Alert Stream" 2018–2024
P.I., $598k, Heising-Simons Foundation

"Identification of Compact Binaries in the ZTF Alert Stream" 2018–2023
P.I., $471k, NSF Astronomy and Astrophysics Research Grants

"NuSTAR Can Discover Spectral Components in the Afterglows of ULGRBs" 2018
P.I., $64k, *NuSTAR* Cycle 4

"Precovery of Super-flaring G Dwarfs for TESS using PTF and ZTF" 2017–2018
P.I., $50k, Research Corporation *Scialog* Collaborative Innovation Award

"The Zwicky Transient Facility" 2014–2020
Project Scientist (P.I. S. Kulkarni), $9.0M, NSF Mid-Scale Innovations Program

"Identifying Compact Binaries in the Chandra Source Catalog with Optical Variability" 2013
P.I., $77k, *Chandra* Cycle 15

"A Search for Absorption Features in the Afterglow of the Unusual GRB 130925A" 2013
Science **P.I.**, $23k, *Chandra* Director's Discretionary Time

"Completing Swift GRB Energy Spectra with Konus and RHESSI" 2007
Co-I. (P.I. K. Hurley), $60k, *Swift* Guest Investigator Cycle 3

Research Mentoring

Postdoctoral Researchers (4): Andy Tzanidakis* (DIRAC Fellow; 2026–); Rebecca Phillipson (2020–2021; NSF MPS Ascend Fellow, 2021–2022) → faculty, Villanova; Keaton Bell (NSF Fellow; 2019–2022) → faculty, Queen's College, CUNY; Azalee Bostroem (DIRAC Fellow; 2022) → IPAC

UW graduate students (5): Francisca Chabour Barra (2023–); Yuankun (David) Wang (PhD 2026) → data scientist, Virtualitics; Andy Tzanidakis* (PhD 2026) → DIRAC Fellow, UW; Tom Wagg (PhD 2025) → Flatiron Research Fellow, CCA; Myles McKay (2020)

Visiting graduate students (2): Mikhaela Gallardo (2019); Kellen Lawson* (2017)

Undergraduate students (18): Soren Logghe (PreMAP 2025*–); Tamanpreet Kaur (PreMAP 2025*); Angelo Gomez (2025); Allison Crossland (2022–2023) → grad school, MSU; Giovanni Gollotti (2023); Rebecca Kyer (PreMAP 2018*–2021) → grad school, MSU; AuDuyen Trinh (PreMAP, 2020); Simon Dawson (PreMAP, 2020); Courtney Klein* (2018–2020) → grad school, UC Irvine; Abbas Jaffery (PreMAP, 2019); Konstantina Mason (PreMAP, 2019); Colton Peterson (PreMAP, 2019); Pricilla Dohrwardt (PreMAP 2018*–2019); Ryan Jackim (2018); Franklin Marsh* (2015, 2016) → data scientist, Uber; Gandalf Saxe* (2014); Talia Minear* (2014); Rebecca Tang* (2013)

*co-supervision.

Teaching and Curriculum Development

UW ASTR 597A, "Astronomy with Rubin Observatory and LSST" Winter 2023

Co-Organizer, iPTF Summer School 2014, 2015, 2016

Graduate Student Instructor, U.C. Berkeley
Basic Semiconductor Circuits Laboratory 2006
Introductory Electricity, Magnetism, and Thermodynamics 2005–2006

Honors and Awards

AURA Team Award (NSF-DOE Vera C. Rubin Observatory Team) 2026
AURA Science Award (Rubin Data Management Science Team) 2023
Research Corporation Scialog Fellow 2016, 2018, 2019
NASA Group Achievement Award
  NuSTAR Project Team 2015
  NuSTAR Pipeline Development Team 2015
  NuSTAR Science Team 2014
  NuSTAR Science, Commissioning, and Operations Team 2013
Outstanding Graduate Student Instructor, U.C. Berkeley 2007
Summer Research Fellow, U.C. Berkeley Space Sciences Laboratory 2005
Magna cum laude with highest honors in Physics, Harvard College 2005
Harvard College Research Program Fellow 2002

Invited Talks and Colloquia

Research Corporation *Scialog* Conference (invited keynote) 2026
Michigan State (Astronomy Colloquium) 2026
National Academies Committee on Astronomy & Astrophysics (invited talk) 2026
RAPID Response: Hot-wiring the Next Generation of TDA (invited talk) 2026
University of British Columbia (Astronomy Colloquium) 2026
University of California, San Diego (Astronomy Colloquium) 2026
Yale (Astronomy Colloquium) 2025
NRAO Colloquium 2025
Oxford (Rubin Alerts Workshop, invited keynote) 2025
Astronomy and Astrophysics Advisory Committee (invited talk) 2024
LSST@Europe 6, La Palma (invited talk) 2024
Penn State (Fundamental Theory Seminar) 2022
Low-latency alerts & Data analysis for Multi-messenger Astrophysics, virtual (invited talk) 2022
GSFC (Astrophysical Sciences Division Colloquium) 2021
Texas Tech (Astronomy Group Seminar) 2021
University of Illinois/NCSA (Center for Astrophysical Surveys Seminar) 2021
STScI (Engineering and Technology Colloquium) 2020
AAS HEAD18 (invited talk, cancelled due to COVID-19) 2020
LSST@Europe 4 (invited talk, cancelled due to COVID-19) 2020
University of British Columbia (Astronomy Colloquium) 2020
University of Illinois (Astronomy Colloquium, cancelled due to COVID-19) 2020
Enabling Novel Real-Time Multi-Messenger Studies, virtual (invited talk) 2020
AAS 235 (invited talk, special session on Machine Learning and Data Visualization Frontiers for Astronomy) 2020
George Washington University (Physics colloquium) 2019
Hotwiring the Transient Universe VI, Northwestern (invited talk) 2019
Astronomical Time Series 2019, Heidelberg (invited talk) 2019
AAS 233 (invited talk, special session on Alert Followup) 2019
Science and Evolution of Gemini Observatory (invited talk) 2018
Real-Time Decision Making: Applications in the Natural Sciences (Simons Institute; invited talk) 2018
Southern Horizons in Time-Domain Astronomy (IAUS 399; invited talk) 2017
Building the Infrastructure for Time-Domain Alert Science in the LSST Era (invited talk) 2017
University of Washington (DUSC seminar) 2017
University of California, Davis (Cosmology Seminar) 2016
Hotwiring the Transient Universe V, Villanova (invited talk) 2016
Cross-correlation Spectacular with LSST, Brookhaven (invited talk) 2016

Ninth Sackler Conference in Theoretical Astrophysics, Harvard (invited talk) 2016
University of Washington (Astronomy Department colloquium) 2015
University of California, Berkeley (Space Sciences Laboratory colloquium) 2015
Landolt Standards and 21st Century Photometry, LSU (invited talk) 2015
Hotwiring the Transient Universe IV, Santa Barbara (invited talk) 2015
University of Wisconsin-Milwaukee 2015
(Center for Gravitation, Cosmology and Astrophysics Seminar)
Hotwiring the Transient Universe III, Santa Fe (invited talk) 2014

Scientific Collaborations

Zwicky Transient Facility Collaboration 2018–
LSST Transients & Variables Science Collaboration 2015–
Roman Science Collaboration 2025–
STROBE-X Science Working Group 2022–2024
Dorado Science Team 2018–2021
Palomar Transient Factory &
Intermediate Palomar Transient Factory Collaborations 2011–2017
NuSTAR Science Team 2011–2014

Selected Professional Service

Chair, Roman RAPID PIT External Advisory Board 2024–
Rubin Survey Cadence Optimization Committee 2025–
External Reviewer, After Sloan V Targeting Operations Interfaces 2026
After Sloan V Steering Committee 2025
AAS Working Group for Time-domain Astronomy
  Chair 2019–2025
  Member 2018–2019
Las Cumbres Observatory Target and Observation Manager External Review Panel 2017, 2019
AAS Employment Committee 2015–2018
Time Domain Astronomy Working Group for the ARC 3.5m 2017
Time-Domain Working Group, After Sloan IV Planning Committee 2016
NuSTAR GO-1 Technical Reviewer 2014
Referee for *Nature*, *Science*, *The Astrophysical Journal*, *PASP*, *MNRAS*, *Nature Astronomy*, *Astronomy & Computing*, *SPIE JATIS*, *Astronomische Nachrichten*
Ad-hoc and panel reviews for NSF Major Research Instrumentation Program, NSF Cyberinfrastructure, NSF Windows on the Universe, NSF AAG, NASA ADAP, CanTAC, UK Opticon, UW Royalty Research Fund, LSST Discovery Alliance

Selected Departmental Service

Postdoc Committee 2019–
  Chair 2022–
ARC 3.5m User's Committee Representative 2018–
Research Qualifying Exam Committee 2026–2027
Chair, Research Faculty Search Committee 2026–2027
Space Allocation Committee 2024–2025
Chair, Department Postdoc Search Committee 2020
Chair, Research Faculty Search Committee 2019
Member, Research Faculty Search Committee 2019
Graduate Admissions Committee 2019
Co-organizer, Caltech Astronomy Careers group 2013–2016
Caltech Optical Observatories Time Allocation Committee 2014A, 2015B

Organization of Professional Meetings

LOC, GW170817: 10 Years Later (UW INT Conference, Seattle, WA) 2027
SOC, Roman Galactic Plane Survey Workshop (virtual) 2025
Facilitator, Research Corporation *Scialog* conference 2024, 2025, 2026
SOC, LSST Broker Technical Workshop (virtual) 2021
SOC, Chandra Frontiers in Time-Domain Science (Cambridge, MA) 2020
SOC, Rubin Observatory Algorithms Workshop (virtual) 2020
SOC chair, LOC chair, ZTF Collaboration Meeting (Seattle, WA) 2019
SOC co-chair, Rubin Observatory Alert Broker Workshop (Seattle, WA) 2019

Selected Software

LSST Science Pipelines: Survey-scale data reduction framework. (Manager and extensive contributor)
doi:10.71929/rubin/2570545
`ztf_sim`: Survey scheduling library for the Zwicky Transient Facility (sole developer)
`doi:10.1088/1538-3873/ab0c2a`
`pyraf-dbsp`: P200 DBSP reduction pipeline (lead developer) `[ascl:1602.002]`
Other contributions at `http://github.com/ebellm/`

Selected Public Outreach

Presenter, Seattle Astronomy on Tap 2022
Presenter, Seattle Astronomy on Tap 2019
Presenter, Caltech Astronomy on Tap 2016
Guest Speaker, City College of San Francisco 2009
Public screening of stratospheric ballooning documentary BLAST!
Student Astronomers at Harvard-Radcliffe 2002–2005
President (2003–2005); *Board Member* (2002–2003)

Professional Societies

American Astronomical Society
AAS High Energy Astrophysics Division
International Astronomical Union

Papers Submitted or In Press

18. Rubin Observatory Science Pipelines Developers, R., AlSayyad, Y., Armstrong, R., Axelrod, T. S., et al. (2026), arXiv e-prints arXiv:2610.22613 DOI · ADS
The LSST Science Pipelines Software: Optical Survey Pipeline Reduction and Analysis Environment.

17. Dixon, D. J., Ingram, A., Middleton, M. J., McMaster, A., et al. (2026), arXiv e-prints arXiv:2609.21708 DOI · ADS
COBALT-BLUE: a fast and accurate model for gravitational self-lensing binary systems.

16. van Roestel, J., Bhattacharjee, S., Guidry, J. A., Caiazzo, I., et al. (2026), arXiv e-prints arXiv:2609.08923 DOI · ADS
Now you see me, now you don't: Deep, long-lived obscuration events of white dwarfs by dust and debris from disintegrating planetesimals.

15. Pessi, P. J., Barmentloo, S., Wyrzykowski, Ł., Schulze, S., et al. (2026), arXiv e-prints arXiv:2609.07931 DOI · ADS
SN 2024afyu interpreted as a Pair Instability Supernova.

14. Liu, C., Miller, A. A., Sarin, N., Maguire, K., et al. (2026), arXiv e-prints arXiv:2607.00081 DOI · ADS
Decoding the Early-Time Light Curves of Type Ia Supernovae. II. Population Parameters of One Thousand ZTF Supernovae. 3 citations

13. Soraisam, M., Avner, L., Gómez, M., Vacca, W., et al. (2026), arXiv e-prints arXiv:2606.28645 DOI · ADS
GOATS: The next generation software infrastructure for time-domain astronomy at Gemini/NOIRLab. Application to alerts from Vera C. Rubin Observatory's Legacy Survey of Space and Time. 1 citation

12. Hinds, K.-R., Ho, A. Y. Q., Wagh, Y., Jayaraman, R., et al. (2026), arXiv e-prints arXiv:2606.05146 DOI · ADS
Early Multiwavelength Observations of AT 2026fgk: The Luminous Afterglow to Subluminous GRB 260310A, Identified Independently of a Gamma-ray Trigger. 1 citation

11. Hall, X. J., Ahumada, T., Gassert, J., Palmese, A., et al. (2026), arXiv e-prints arXiv:2605.10940 DOI · ADS
Electromagnetic Follow-up of the Sub-Solar Mass Gravitational Wave Candidate S251112cm: Kilonova Constraints and a Coincident IIb Supernova. 3 citations

10. Gilles Lordet, A., Goobar, A., Jasche, J., McAlpine, S., et al. (2026), arXiv e-prints arXiv:2604.12714 DOI · ADS
Illuminating the Local Universe: Large-Scale Structure from ZTF Type Ia Supernovae.

9. Warshofsky, D., Coughlin, M. W., Jegou Du Laz, T., Ho, A. Y. Q., et al. (2026), arXiv e-prints arXiv:2604.07573 DOI · ADS
The ZTF-ULTRASAT experiment: Characterizing the non-transients in ULTRASAT's high cadence survey.

8. Findeisen, K., Lim, K.-T., Speck, D., Chiang, H.-F., et al. (2026), arXiv e-prints arXiv:2603.19541 DOI · ADS
The Vera C. Rubin Observatory Prompt Processing System. 2 citations

7. Singh, A., Goto, S., Sarangi, A., Johansson, J., et al. (2026), arXiv e-prints arXiv:2603.14137 DOI · ADS
Nebular Phase Evolution of SN 2023ixf (I): From Circumstellar Infrared Echo to the onset of in-situ Dust Formation in a Type II Supernova. 5 citations

6. Townsend, A., Nordin, J., Kowalski, M., Reusch, S., et al. (2026), arXiv e-prints arXiv:2602.13036 DOI · ADS
Photometric classification of supernovae detected by the Zwicky Transient Facility using noise augmentation. 1 citation

5. Ye, Q., Kelley, M. S. P., Hsieh, H. H., **Bellm, E. C.**, et al. (2025), arXiv e-prints arXiv:2509.08792 DOI · ADS
Prediscovery Activity of New Interstellar Object 3I/ATLAS: A Dynamically-Old Comet? 22 citations

4. Lacroix, L., Regnault, N., de Jaeger, T., Le Jeune, M., et al. (2025), arXiv e-prints arXiv:2509.04073 DOI · ADS
ZTF SNe Ia DR2: Towards cosmology-grade ZTF supernova light curves using scene modeling photometry. 8 citations

3. Stein, R., Ho, A. Y. Q., Gangopadhyay, A., Ahumada, T., et al. (2025), arXiv e-prints arXiv:2508.08355 DOI · ADS
SN 2023uqf: An Interacting Supernova Coincident with a High-Energy Neutrino. 9 citations

2. Malanchev, K., DeLucchi, M., Caplar, N., Malz, A. I., et al. (2025), arXiv e-prints arXiv:2506.23955 — DOI · ADS — 10 citations
Variability-finding in Rubin Data Preview 1 with LSDB.

1. van Roestel, J., Burdge, K., Caiazzo, I., Kupfer, T., et al. (2025), arXiv e-prints arXiv:2505.15580 — DOI · ADS — 5 citations
Eclipsing white dwarf from the Zwicky Transient Facility: II. Seven eclipsing double white dwarfs.

Refereed Publications (Major Contributions & †Trainee Supervision)

28. Vera C. Rubin Observatory Team, Acero-Cuellar, T., Acosta, E., Adair, C. L., et al. (2026), AJ 171, 6, 360 — DOI · ADS — 9 citations
The Vera C. Rubin Observatory Data Preview 1.

27. †Wang, Y. D., **Bellm, E. C.**, Hynes, R. I., Zhao, Y., et al. (2026), ApJS 284, 1, 13 — DOI · ADS — 1 citation
Optical Counterparts to X-Ray Sources in LSST DP1.

26. †Tzanidakis, A., Davenport, J. R. A., Caplar, N., **Bellm, E. C.**, et al. (2025), ApJ 991, 1, 118 — DOI · ADS — 5 citations
A Systematic Search for Main-sequence Dipper Stars Using the Zwicky Transient Facility.

25. †Wagg, T., Dalcanton, J. J., Renzo, M., Breivik, K., et al. (2025), AJ 170, 3, 192 — DOI · ADS — 13 citations
Delayed and Displaced: The Impact of Binary Interactions on Core-collapse SN Feedback.

24. †Crossland, A., **Bellm, E. C.**, Klein, C., Davenport, J. R. A., et al. (2024), The Open Journal of Astrophysics 7, 67 — DOI · ADS — 7 citations
A Pilot Search for Gravitational Self-Lensing Binaries with the Zwicky Transient Facility.

23. †Wang, Y., **Bellm, E. C.**, Crossland, A., Clarkson, W. I., et al. (2024), ApJ 962, 1, 91 — DOI · ADS — 5 citations
An Optical Search for New Outbursting Low Mass X-Ray Binaries.

22. **Bellm, E. C.**, Wang, Y., van Roestel, J., Phillipson, R. A., et al. (2023), ApJ 956, 1, 21 — DOI · ADS — 3 citations
An Optically Discovered Outburst from XTE J1859+226.

21. †Tzanidakis, A., Davenport, J. R. A., **Bellm, E. C.**, and Wang, Y. (2023), ApJ 955, 1, 69 — DOI · ADS — 9 citations
Gaia17bpp: A Giant Star with the Deepest and Longest Known Dimming Event.

20. **Bellm, E. C.**, Burke, C. J., Coughlin, M. W., Andreoni, I., et al. (2022), ApJS 258, 1, 13 — DOI · ADS — 17 citations
Give Me a Few Hours: Exploring Short Timescales in Rubin Observatory Cadence Simulations.

19. Dekany, R., Smith, R. M., Riddle, R., Feeney, M., et al. (2020), PASP 132, 1009, 038001 — DOI · ADS — 372 citations
The Zwicky Transient Facility: Observing System.

18. †Lawson, K. D., Wisniewski, J. P., **Bellm, E. C.**, Kowalski, A. F., et al. (2019), AJ 158, 3, 119 — DOI · ADS — 14 citations
Identification of Stellar Flares Using Differential Evolution Template Optimization.

17. Graham, M. J., Kulkarni, S. R., **Bellm, E. C.**, Adams, S. M., et al. (2019), PASP 131, 1001, 078001 — DOI · ADS — 905 citations
The Zwicky Transient Facility: Science Objectives.

16. **Bellm, E. C.**, Kulkarni, S. R., Barlow, T., Feindt, U., et al. (2019), PASP 131, 6, 068003 — DOI · ADS — 360 citations
The Zwicky Transient Facility: Surveys and Scheduler.

15. Masci, F. J., Laher, R. R., Rusholme, B., Shupe, D. L., et al. (2019), PASP 131, 1, 018003 — DOI · ADS — 1422 citations
The Zwicky Transient Facility: Data Processing, Products, and Archive.

14. **Bellm, E. C.**, Kulkarni, S. R., Graham, M. J., Dekany, R., et al. (2019), PASP 131, 1, 018002 — DOI · ADS — 2359 citations
The Zwicky Transient Facility: System Overview, Performance, and First Results.

13. Patterson, M. T., **Bellm, E. C.**, Rusholme, B., Masci, F. J., et al. (2019), PASP 131, 1, 018001 — DOI · ADS — 163 citations
The Zwicky Transient Facility Alert Distribution System.

12. Trilling, D. E., **Bellm, E. C.**, and Malhotra, R. (2018), AJ 155, 243 — DOI · ADS — 10 citations
On the Detectability of Planet X with LSST.

11. †Marsh, F. M., Prince, T. A., Mahabal, A. A., **Bellm, E. C.**, et al. (2017), MNRAS 465, 4678 — DOI · ADS — 37 citations
Characterization of 9380 contact binaries from the CRTS Variable Sources Catalogue.

10. **Bellm, E. C.** (2016), PASP 128, 8, 084501 — DOI · ADS — 33 citations
Volumetric Survey Speed: A Figure of Merit for Transient Surveys.

9. **Bellm, E. C.**, Kaplan, D. L., Breton, R. P., Phinney, E. S., et al. (2016), ApJ 816, 74 — DOI · ADS — 64 citations
Properties and Evolution of the Redback Millisecond Pulsar Binary PSR J2129−0429.

8. **Bellm, E. C.**, Fürst, F., Pottschmidt, K., Tomsick, J. A., et al. (2014), ApJ 792, 108 — DOI · ADS — 28 citations
Confirmation of a High Magnetic Field in GRO J1008−57.

7. **Bellm, E. C.**, Barrière, N. M., Bhalerao, V., Boggs, S. E., et al. (2014), ApJL 784, L19 — DOI · ADS — 22 citations
X-Ray Spectral Components Observed in the Afterglow of GRB 130925A.

6. Bandstra, M. S., **Bellm, E. C.**, Boggs, S. E., Perez-Becker, D., et al. (2011), ApJ 738, 8 — DOI · ADS — 37 citations
Detection and Imaging of the Crab Nebula with the Nuclear Compton Telescope.

5. **Bellm, E. C.** (2010), ApJ 714, 881 — DOI · ADS — 5 citations
RHESSI Tests of Quasi-Thermal Gamma-Ray Burst Spectral Models.

4. **Bellm, E. C.**, Hurley, K., Pal'shin, V., Yamaoka, K., et al. (2008), ApJ 688, 491 — DOI · ADS — 21 citations
Observations of the Prompt Gamma-Ray Emission of GRB 070125.

3. Wigger, C., Wigger, O., **Bellm, E. C.**, and Hajdas, W. (2008), ApJ 675, 553 — DOI · ADS — 20 citations
Observation of an Unexpected Hardening in the Spectrum of GRB 021206.

2. Boggs, S. E., Zoglauer, A., **Bellm, E. C.**, Hurley, K., et al. (2007), ApJ 661, 458 — DOI · ADS — 50 citations
The Giant Flare of 2004 December 27 from SGR 1806-20.

1. **Bellm, E. C.** and Vaillancourt, J. E. (2005), ApJ 622, 959 — DOI · ADS — 12 citations
Origins of the 1/4 keV Soft X-Ray Background.

Other Refereed Publications

210. Müller-Bravo, T. E., Maguire, K., Alburai, A., Burgaz, U., et al. (2026), A&A 714, A42 — DOI · ADS
ZTF SN Ia DR2 follow-up: Early excess in Type Ia supernova light curves.

209. Russeil, E., Lunnan, R., Peloton, J., Schulze, S., et al. (2026), A&A 713, A141 DOI · ADS
NOMAI: A real-time photometric classifier for superluminous supernova identification: A science module for the Fink broker.

208. Rastinejad, J. C., Srinivasaragavan, G., Sarin, N., O'Dwyer, T., et al. (2026), ApJL 1007, 1, L9 DOI · ADS
2 citations
A Multiwavelength View of the First Type Ic-BL Supernova with an Einstein Probe X-Ray Shock Breakout.

207. Stein, R., Carney, J., Ward, C., Margutti, R., et al. (2026), ApJL 1006, 2, L57 DOI · ADS
10 citations
TDE 2025abcr: A Tidal Disruption Event in the Outskirts of a Massive Galaxy.

206. Srinivasaragavan, G. P., Li, D., Hall, X. J., Gottlieb, O., et al. (2026), ApJL 1006, 2, L36 DOI · ADS
20 citations
EP250827b/SN 2025wkm: An X-Ray Flash-supernova Powered by a Central Engine and Circumstellar Interaction.

205. Perley, D. A., Ho, A. Y. Q., McGrath, Z., Camilo, M., et al. (2026), MNRAS 549, 1, stag678 DOI · ADS
13 citations
AT 2024wpp: an extremely luminous fast ultraviolet transient powered by accretion onto a black hole.

204. Lemon, C., Goobar, A., Johansson, J., Mörtsell, E., et al. (2026), ApJL 1003, 2, L47 DOI · ADS
4 citations
A Natural $\gtrsim$100× Telescope: Discovery of the Strongly Lensed Type II SN 2025mkn at z = 1.37.

203. Chandler, C. O., Bernardinelli, P. H., Jurić, M., et al. (2026), ApJL 1001, 2, L35 DOI · ADS
56 citations
NSF-DOE Vera C. Rubin Observatory Observations of Interstellar Comet 3I/ATLAS (C/2025 N1).

202. Ahumada, T., Anand, S., Bulla, M., Gupta, V., et al. (2026), PASP 138, 3, 034101 DOI · ADS
11 citations
LIGO/Virgo/KAGRA Neutron Star Merger Candidate S250206dm: Zwicky Transient Facility Observations.

201. Palaversa, L., Donev, E., Ivezić, Ž., Mrakovčić, K., et al. (2026), A&A 707, A333 DOI · ADS
1 citation
photoD with Rubin's Data Preview 1: First stellar photometric distances and faint blue star deficits: Stellar distances with Rubin's DP1.

200. Das, K. K., Kasliwal, M. M., Sollerman, J., Fremling, C., et al. (2026), PASP 138, 2, 024204 DOI · ADS
14 citations
Low-luminosity Type IIP Supernovae from the Zwicky Transient Facility Census of the Local Universe. II. Lightcurve Analysis.

199. Cristea, A. A., Caiazzo, I., Cunningham, T., Raymond, J. C., et al. (2026), A&A 706, A188 DOI · ADS
7 citations
A half ring of ionized circumstellar material trapped in the magnetosphere of a white dwarf merger remnant: A new class of white dwarf merger remnants with X-ray emission.

198. Graham, M. J., McKernan, B., Ford, K. E. S., Stern, D., et al. (2026), Nature Astronomy 10, 154 DOI · ADS
10 citations
An extremely luminous flare recorded from a supermassive black hole.

197. Greenstreet, S., Li, Z. C., Vavilov, D. E., Singh, D., et al. (2026), ApJL 996, 2, L33 DOI · ADS
13 citations
Lightcurves, Rotation Periods, and Colors for Vera C. Rubin Observatory's First Asteroid Discoveries.

196. Somalwar, J. J., Ravi, V., Margutti, R., Chornock, R., et al. (2025) 995, 2, 228 DOI · ADS
13 citations
A Luminous and Hot Infrared through X-Ray Transient at a 5 kpc Offset from a Dwarf Galaxy.

195. Kasliwal, M. M., Ahumada, T., Stein, R., Karambelkar, V., et al. (2025), ApJL 995, 2, L59 DOI · ADS
21 citations
ZTF25abjmnps (AT2025ulz) and S250818k: A Candidate Superkilonova from a Sub-threshold Subsolar Gravitational-wave Trigger.

194. Johansson, J., Perley, D. A., Goobar, A., Wise, J. L., et al. (2025), ApJL 995, 1, L17 DOI · ADS
13 citations
Discovery of SN 2025wny: A Strongly Gravitationally Lensed Superluminous Supernova at z = 2.01.

193. Ye, Q., Li, J., Vida, D., Clark, D. L., et al. (2026), Acta Astronautica 238, 285 DOI · ADS
Small near-Earth Objects in the Taurid Resonant Swarm.

192. Li, Z. C., Chowdhury, Y. A., Ivezić, Ž., Mahabal, A., et al. (2025), Icarus 438, 116609 DOI · ADS
2 citations
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