Tarraneh Eftekhari

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CIERA, Northwestern University
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Research Interests

I leverage radio, millimeter, and X-ray observations of energetic transients, including **fast radio bursts**, **supernovae**, and **tidal disruption events**, to answer key questions about their **progenitors**, **outflows**, and **environments**.

Education

Harvard University 2021
Ph.D, Astronomy and Astrophysics
Thesis: Unveiling the Transient Radio and Millimeter Sky
Advisor: Edo Berger, Ph.D.

Harvard University 2017
M.A., Astronomy and Astrophysics

University of New Mexico 2015
B.S., Astrophysics, Minor in Mathematics, *Magna Cum Laude*
Thesis: A Low Frequency Survey of Giant Pulses from the Crab Pulsar
Advisor: Greg Taylor, Ph.D.

Related Employment

Assistant Director, CIERA
Research Assistant Professor, Northwestern University 2025–Present

NASA Einstein Fellow, Northwestern University 2022–2025

CIERA Postdoctoral Fellow, Northwestern University 2021–2022

Curriculum Developer, HarvardX 2017–2020

Laboratory Assistant, Harvard University 2015–2016
Supervisor: Lincoln Greenhill, Ph.D.

Telescope Operator, Long Wavelength Array, University of New Mexico 2013–2015

Summer Research Assistant, ASTRON 2014
Project: Heliospheric Faraday Rotation from the Crab Pulsar
Supervisor: Richard Fallows, Ph.D.

Awards

NASA Hubble Fellowship Program Einstein Fellowship 2022
ALMA Ambassador *($10,000 USD)* 2021
CIERA Postdoctoral Fellowship 2021
ALMA Cycle 7 Student Observing Support *($17,000 USD)* 2019
ALMA Cycle 6 Student Observing Support *($33,000 USD)* 2018
National Science Foundation Graduate Research Fellowship Honorable Mention 2017
Harvard University Bok Center Certificate of Distinction in Teaching 2017

La Serena School for Data Science Full Scholarship	2017
New Mexico Space Grant Consortium Scholarship	2014
University of New Mexico Undergraduate Research Award	2013

Telescope Time Allocations (as PI)

Very Large Array (VLA); 16 Proposals	594 hr
Including 286 hours through a VLA Large Program (24A-331)	
Atacama Large Millimeter/submillimeter Array (ALMA); 5 proposals	57 hr
Gemini *(Large and Long Program)*	200 hr
MMT; 2 proposals	5.5 nights
Very Long Baseline Array (VLBA); 1 proposal	3 hr
Arecibo; 1 proposal	15 hr
Submillimeter Array; 1 proposal	7 tracks
NOEMA; 1 proposal	16 hr
Australia Telescope Compact Array; 1 proposal	36 hours
Chandra; 5 proposals *(Total Support Funding: $265,867 USD)*	289 ks
XMM Newton; 1 proposal	120 ks

Leadership & Professional Service

External Examiner, *McGill Masters Thesis*	2026
Co-Leader, *Fast and Fortunate for FRB Follow-up (F4)*	2025–Present
Co-Chair, *CHIME/FRB Host Working Group*	2024–Present
External Referee, *e-MERLIN Time Allocation Group*	2024–Present
Referee for *ApJ, ApJL, MNRAS, Science & Nature*	2019–Present
Co-Chair, *CMB-S4 Sources & Transients Working Group*	2024–2026
SOC Member, *FRB2025 Conference*	2024–2025
SOC Member, *FRB2023 Conference*	2022–2023
Panel Member, *HST Time Allocation Committee*	2024
Panel Member, *NASA ROSES Roman Review*	2023
Seminar Coordinator, *CIERA, Northwestern University*	2022–2023
Coordinator, Journal Club, *CIERA, Northwestern University*	2022–2023
Panel Member, NRAO Annual Program Review, *National Science Foundation*	2022
Peer Review Facilitator, *Chandra Cycle 19 Peer Review*	2017

Teaching & Advising

Advisor, Luke Moffett, Undergraduate Student, CIERA REU — 2026–Present
Characterizing Mass-Loss Rates of Type II Supernova Progenitors with Late-Time Radio Observations

Co-Advisor, Alice Cai, Graduate Student, Northwestern University — 2024–Present
The First Large Census of Fast Radio Burst Host Galaxies with Gemini

Co-Advisor, Yuxin Dong, Graduate Student, Northwestern University — 2021–2024
Potential Analogs of a Repeating Fast Radio Burst

Guest Lecturer, Northwestern University — 2024
Course: ASTRON 441: Supermassive Black Holes (Advanced Topics)
Prof: Claude-André Faucher-Giguère, Ph.D.

Tutor, Northwestern Prison Education Program — 2022–2024
Robert Boyd, Undergraduate
Brian McClendon, Undergraduate

Head Teaching Fellow, Harvard University — Spring 2017, 2018, 2019

Course: Science of the Physical Universe 22: From the Big Bang to the Brontosaurus and Beyond
Prof: Irwin Shapiro, Ph.D.

Professional Development

13th IRAM Interferometry School	Expected September 2026
ALMA Ambassador Training	2022
GROWTH Astronomy School: Follow up of transients in the era of multi-messenger astronomy	2019
ICRAR/CASS Radio School	2019
Jerusalem Winter School in Theoretical Physics, The Physics of Astronomical Transients	2018
La Serena School of Data Science: Applied Tools for Data Driven Sciences	2017
NRAO Synthesis Imaging Workshop	2014, 2016, 2022

Community Engagement

Tutor, *Northwestern Prison Education Program (NPEP)*	2021−Present
Presenter, *Amateur Astronomers, Inc*	2022
Presenter, *Astronomical Society of the Palm Beaches*	2022
Co-chair, Academic Support Committee at Stateville Correctional Center, *NPEP*	2021−2022
Presenter, *Gloucester Area Astronomy Club*	2021
Seminar Coordinator, *Beacon Hill Seminars*	2018−2020
Speaker Chair and Blog Writer, *Harvard Science in the News*	2016−2019
Mentor to first-year graduate students, *Harvard Astronomy*	2019
Graduate student panelist, *Smithsonian Astrophysical Observatory Solar Physics REU*	2019
Presenter, *New Hampshire Astronomical Society*	2018
Local Organizing Committee, *ComSciCon*	2018
Poster Judge, *National Collegiate Research Conference*	2018
Volunteer, *Cambridge Explores the Universe*	2018
Graduate student panelist, *Wellesley College*	2017
Mentor, *Science Club for Girls*	2016−2017
Digital Mentor, *YouthAstroNet*	2016−2017
Mentor, *Harvard University Women in Stem*	2016

Invited Talks

26. Colloquium at Harvard University	Expected April 2027
25. Colloquium at Montana State University	2026
24. Invited talk at American Astronomical Society 247th Meeting, ALMA WSU Special Session	2026
23. Colloquium at University of Chicago	2025
22. Invited talk at FTSky: A program in the Field of Fast Radio Transients	2025
21. Colloquium at Illinois Institute of Technology	2025
20. Seminar at Berkeley Theoretical Astrophysics Center	2025
19. Invited talk at Canadian Astrophysical Society 2024 Annual Meeting	2024
18. Colloquium at NASA Goddard Space Flight Center	2024
17. Colloquium at University of Illinois Urbana-Champaign	2023
16. Invited talk at The Astrophysics of Fast Radio Bursts II, Flatiron Institute	2023

15. Colloquium at UC Santa Cruz 2023
14. Invited talk at Multi-wavelength follow-up of FRBs in the era of routine (sub)arcsecond localizations, University of Toronto 2023
13. Colloquium at University of British Columbia 2023
12. Colloquium at Herzberg Astronomy and Astrophysics Research Centre 2023
11. Seminar at Kavli Institute for Cosmological Physics, University of Chicago 2023
10. Seminar at Florida State University Astrophysics 2022
9. Invited talk at IAU Symposium 369: The Dawn Of Cosmology & Multi-Messenger Studies With Fast Radio Bursts 2022
8. Invited talk at Astrophysics with the CMB-S4 Survey Part II: Source and Transient Science 2022
7. Invited talk at Caltech Tea Talk 2022
6. Invited talk at CMB-S4 Spring 2021 Collaboration Meeting 2021
5. Invited talk at The Astrophysics of Fast Radio Bursts, Flatiron Institute 2020
4. Invited talk at Toronto FRB Day, CITA/Dunlap Institute 2019
3. Invited talk at FRBs and their Possible Neutron Star Origins, Amsterdam 2019
2. Invited talk at Columbia University, Department of Astronomy Pizza Lunch 2019
1. Invited talk at Institute for Theory and Computation Luncheon, Harvard University 2019

Publications

I have been an author on 85 publications with $> 14,000$ citations, including **11 first-author publications**, and 3 second-author publications.

First Author Publications

11. *The Massive and Quiescent Elliptical Host Galaxy of the Repeating Fast Radio Burst FRB20240209A*
T. Eftekhari, Y. Dong, W. Fong, et al.
2025, ApJL, 979, L22, pp. 15 (arXiv: 2410.2333)

10. *Late-time X-ray Observations of the Jetted Tidal Disruption Event AT2022cmc: The Relativistic Jet Shuts Off*
T. Eftekhari, T. Tchekhovskoy, K. D. Alexander, et al.
2024, ApJ, 974, 149, pp. 10 (arXiv: 2404.10036)

9. *An X-ray Census of Fast Radio Burst Host Galaxies: Constraints on AGN and X-ray Counterparts*
T. Eftekhari, W. Fong, A. C. Gordon, et al.
2023, ApJ, 958, 66, pp. 19 (arXiv: 2307.03766)

8. *Extragalactic Millimeter Transients in the Era of Next Generation CMB Surveys*
T. Eftekhari, E. Berger, B. D. Metzger, et al.
2022, ApJ, 935, 16, pp. 19 (arXiv: 2110.05494)

7. *Late-time Radio and Millimeter Observations of Superluminous Supernovae and Long Gamma-Ray Bursts: Implications for Obscured Star Formation, Central Engines, and Fast Radio Bursts*
T. Eftekhari, B. Margalit, C. M. B. Omand, et al.
2021, ApJ, 912, 21, pp. 23 (arXiv:2010.06612)

6. *Wandering Massive Black Holes or Analogs of the First Repeating Fast Radio Burst?*
T. Eftekhari, E. Berger, B. Margalit, B. D. Metzger, P. K. G. Williams
2020, ApJ, 895, 98, pp. 10 (arXiv:2001.02688)

5. *A Radio Source Coincident with the Superluminous Supernova PTF10hgi: Evidence for a Central Engine and an Analogue of the Repeating FRB121102?*
T. Eftekhari, E. Berger, B. Margalit, et al.
2019, ApJL, 876, L10, pp. 10 (arXiv:1901.10479)

4. *Associating Fast Radio Bursts with Extragalactic Radio Sources: General Methodology and a Search for a Counterpart to FRB 170107*
T. Eftekhari, E. Berger, P. K. G. Williams, P. K. Blanchard
2018, ApJ, 860, 73, pp. 9 (arXiv:1802.09525)

3. *Radio Monitoring of the Tidal Disruption Event Swift J164449.3+573451. III. Late-time Jet Energetics and a Deviation from Equipartition*
T. Eftekhari, E. Berger, B. A. Zauderer, et al.
2018, ApJ, 854, 86, pp. 12 (arXiv:1710.07289)

2. *Associating Fast Radio Bursts with Their Host Galaxies*
T. Eftekhari & E. Berger
2017, ApJ, 849, 162, pp. 7 (arxiv:1705.02998)

1. *A Low Frequency Survey of Giant Pulses from the Crab Pulsar*
T. Eftekhari, K. Stovall, J. Dowell, F. K. Schinzel, G. B. Taylor
2016, ApJ, 829, 62, pp. 8 (arxiv:1607.08612)

Second Author Publications † = Graduate student mentee

3. *A Radio Study of Persistent Radio Sources in Nearby Dwarf Galaxies: Implications for Fast Radio Bursts*
Y. Dong†, **T. Eftekhari**, W. Fong, 2024, Submitted to ApJ

2. *Mapping Obscured Star Formation in the Host Galaxy of FRB 20201124A*
Y. Dong†, **T. Eftekhari**, W. Fong, A. Deller et al., 2023, ApJ

1. *Radio Monitoring of the Tidal Disruption Event Swift J164449.3+573451. IV. The Slow Fade*
Y. Cendes, **T. Eftekhari**, E. Berger, E. Polisensky et al., 2021, ApJ, 908, 125

Publications as Nth Author

71. *One year of broadband radio monitoring of the enigmatic transient GRB 250702B reveals the evolution of the relativistic jet*
A. Goodwin et al., 2026, arXiv:2608.03205

70. *Radio Observations of the Unusual Tidal Disruption Event AT 2022wtn: A Fast and Highly Energetic Outflow*
G. Farley et al., 2026, ApJ, 1006, 139

69. *Revealing the Structure and Magnetization of GRB Jets with ALMA Polarization Observations*
T. Laskar et al., 2026, arXiv:2607.20604

68. *Compact Objects Merging with Stars as an Origin of Ultra-Long Gamma-Ray Bursts and Luminous Fast Blue Optical Transients*
V. A. Villar et al., 2026, arXiv:2607.07819

67. *Rapid-response 1.3 mm Observations of GRB 260127A with the Submillimeter Array*
G. Keating et al., 2026, ApJ, 1005, 31

66. *Dichotomy in Long-lived Radio Emission from Tidal Disruption Events AT 2020zso and AT 2021sdu: Multicomponent Outflows versus Host Contamination*
C. Christy et al., 2026, ApJ, 1001, 211

65. *The Second CHIME/FRB Catalog of Fast Radio Bursts*
CHIME/FRB Collaboration et al., 2026, ApJ, 283, 34

64. *The Multiwavelength Context of Delayed Radio Emission in Tidal Disruption Events: Evidence for Accretion-driven Outflows*
K. D. Alexander et al., 2026, ApJ, 1000, 139

63. *CHIME/FRB Discovery and Localization of the Swift-observed FRB 20241228A*
A. Curtin et al., 2026, ApJ, 998, 97

62. *Optimizing Kilonova Searches: A Case Study of the Type IIb SN 2025ulz in the Localization Volume of the Low-significance Gravitational Wave Event S250818k*
F. Noah et al., 2025, ApJ, 994, 45

61. *Mapping the Spatial Distribution of Fast Radio Bursts within their Host Galaxies*
A. Gordon et al., 2025, ApJ, 993, 119

60. *The First Radio-bright Off-nuclear Tidal Disruption Event AT 2024tvd Reveals the Fastest-evolving Double-peaked Radio Emission*
I. Sfaradi et al., 2025, ApJL, 992, 18L

59. *Searching for Historical Extragalactic Optical Transients Associated with Fast Radio Bursts*
Y. Dong et al., 2025, ApJ, 991, 199

58. *A Catalog of Local Universe Fast Radio Bursts from CHIME/FRB and the KKO*
CHIME/FRB Collaboration et al., 2025, ApJ, 280, 6

57. *James Webb Space Telescope Observations of the Nearby and Precisely Localized FRB 20250316A: A Potential Near-IR Counterpart and Implications for the Progenitors of Fast Radio Bursts*
P. Blanchard et al., 2025, ApJL, 989, 49L

56. *FRB 20250316A: A Brilliant and Nearby One-off Fast Radio Burst Localized to 13 pc Precision*
CHIME/FRB Collaboration et al., 2025, ApJL, 989, 48L

55. *Eight Years of Light from ASASSN-15oi: Toward Understanding the Late-time Evolution of TDEs*
A. Hajela et al., 2025, ApJ, 983, 29

54. *The Long-lived Broadband Afterglow of Short Gamma-Ray Burst 231117A and the Growing Radio-detected Short Gamma-Ray Burst Population*
G. Schroeder et al., 2025, ApJ, 982, 42

53. *Multidisciplinary Science in the Multimessenger Era*
E. Burns et al., 2025, arXiv:2502.03577

52. *A repeating fast radio burst source in the outskirts of a quiescent galaxy*
V. Shah et al., 2025, ApJL, 979, L21

51. *Late-time HST and JWST Observations of GRB 221009A: Evidence for a Break in the Light Curve at 50 Days*
H. Sears et al., 2025, ApJ, 984, 196

50. *PS1-11aop: Probing the Mass Loss History of a Luminous Interacting Supernova Prior to its Final Eruption with Multi-wavelength Observations*
A. Ibik et al., 2025, ApJ, 979, 16

49. *A Search for Persistent Radio Sources toward Repeating Fast Radio Bursts Discovered by CHIME/FRB*
A. Ibik et al., 2024, ApJ, 976, 2

48. *Multiwavelength constraints on the origin of a nearby repeating fast radio burst source in a globular cluster*
A. Pearlman et al., 2024, Nature Astronomy

47. *The Type I superluminous supernova catalogue I: light-curve properties, models, and catalogue description*
S. Gomez et al., 2024, MNRAS, 535, 1

46. *A Millimeter Rebrightening in GRB 210702A*
S. de Wet et al., 2024, ApJ, 974, 2

45. *The Peculiar Radio Evolution of the Tidal Disruption Event ASASSN-19bt*
C. T. Christy, et al., 2024, ApJ, 974, 1

44. *A pulsar-like swing in the polarisation position angle of a nearby fast radio burst*
R. Mckinven, M. Bhardwaj, **T. Eftekhari**, et al., 2024, Nature

43. *The Jet Opening Angle and Event Rate Distributions of Short Gamma-Ray Bursts from Late-time X-Ray Afterglows*
A. Rouco Escorial, et al., 2023, ApJ, 959, 13

42. *Constraints on the Persistent Radio Source Associated with FRB 20190520B Using the European VLBI Network*
S. Bhandari, B. Marcote, N. Sridhar, **T. Eftekhari**, et al., 2023, ApJ, 958, 19

41. *A Fast Radio Burst in a Compact Galaxy Group at $z \sim 1$*
A. C. Gordon, et al., 2023, ApJ, 963, 34

40. *Luminous Radio Emission from the Superluminous Supernova 2017ens at 3.3 yr after Explosion*
R. Margutti, et al., 2023, ApJ, 954, 45

39. *The Demographics, Stellar Populations, and Star Formation Histories of Fast Radio Burst Host Galaxies: Implications for the Progenitors*
A. C. Gordon, W. Fong, C. D. Kilpatrick, **T. Eftekhari**, et al., 2023, 954, 80

38. *Multiwavelength Constraints on the Origin of a Nearby Repeating Fast Radio Burst Source in a Globular Cluster*
A. B. Pearlman et al., 2023, NatAs, 9, 111

37. *A radio-emitting outflow produced by the tidal disruption event AT2020vwl*
A. J. Goodwin et al., 2023, MNRAS, 522, 5084

36. *Millimeter Observations of the Type II SN 2023ixf: Constraints on the Proximate Circumstellar Medium*
E. Berger et al., 2023, ApJ, 951L, 31

35. *A non-repeating fast radio burst in a dwarf host galaxy*
S. Bhandari et al., 2022, ApJ, 948, 67

34. *The Jet Opening Angle and Event Rate Distributions of Short Gamma-ray Bursts from Late-time X-ray Afterglows*
A. Rouco Escorial et al., 2022, ApJ, 959, 13

33. *Evidence for X-Ray Emission in Excess to the Jet-afterglow Decay 3.5 yr after the Binary Neutron Star Merger GW 170817: A New Emission Componen*
A. Hajela, et al., 2022, ApJ, 972L, 17

32. *Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A*
W. Fong et al., 2021, ApJ, 919L, 23

31. *Probabilistic Association of Transients to their Hosts (PATH)*
K. Aggarwal, et al., 2021, ApJ, 911, 95

30. *A Late-Time Galaxy-Targeted Search for the Radio Counterpart of GW190814*
K. D. Alexander, et al., 2021, ApJ, 923, 66

29. *Radio Observations of an Ordinary Outflow from the Tidal Disruption Event AT2019dsg*
Y. Cendes, et al., 2021, ApJ, 919, 127

28. *The Broadband Counterpart of the Short GRB 200522A at z = 0.5536: A Luminous Kilonova or a Collimated Outflow with a Reverse Shock?*
W. Fong et al., 2022, ApJ, 906, 127

27. *The Tidal Disruption Event AT 2018hyz II: Light-curve modelling of a partially disrupted star*
S. Gomez et al., 2020, MNRAS, 497, 1952

26. *AT 2018cow VLBI: No Long-Lived Relativistic Outflow*
M. F. Bietenholz et al., 2020, MNRAS, 491, 4735

25. *Two years of non-thermal emission from the binary neutron star merger GW170817: rapid fading of the jet afterglow and first constraints on the kilonova fastest ejecta*
A. Hajela et al., 2019, ApJ, 886, L17

24. *A Galaxy-Targeted Search for the Optical Counterpart of the Candidate NS-BH Merger S190814bv with Magellan*
S. Gomez et al., 2019, ApJ, 884, L55

23. *The Optical Afterglow of GW170817: An Off-axis Structured Jet and Deep Constraints on a Globular Cluster Origin*
W. Fong et al., 2019, ApJL, 883, L1

22. *Follow-up of the Neutron Star Bearing Gravitational Wave Candidate Events S190425z and S190426c with MMT and SOAR*
G. Hosseinzadeh et al., 2019, ApJL, 880, L4

21. *An embedded X-ray source shines through the aspherical AT2018cow: revealing the inner workings of the most luminous fast-evolving optical transients*
R. Margutti et al., 2019, ApJ, 872, 18

20. *Unveiling the Engines of Fast Radio Bursts, Super-Luminous Supernovae, and Gamma-Ray Bursts*
B. Margalit et al., 2018, MNRAS, 481, 2407

19. *Spitzer Space Telescope Infrared Observations of the Binary Neutron Star Merger GW170817*
V. A. Villar et al. 2018, ApJL, 862, L11

18. *A Decline in the X-ray through Radio Emission from GW170817 Continues to Support an Off-Axis Structured Jet*
K. D. Alexander et al., 2018, ApJL, 863, 18L

17. *A Precise Distance to the Host Galaxy of the Binary Neutron Star Merger GW170817 Using Surface Brightness Fluctuations*
M. Cantiello et al., 2018, ApJ, 854, 31L

16. *The Binary Neutron Star event LIGO/VIRGO GW170817 a hundred and sixty days after merger: synchrotron emission across the electromagnetic spectrum*
R. Margutti et al., 2018, ApJ, 856, 18L

15. *Design and characterization of the Large-Aperture Experiment to Detect the Dark Age (LEDA) radiometer systems* D. Price et al., 2018, MNRAS, 478, 4193

14. *Improved Constraints on H0 from a combined analysis of gravitational-wave and electromagnetic emission from GW170817*
C. Guidorzi et al., 2017, ApJ, 851, 36L

13. *A gravitational-wave standard siren measurement of the Hubble constant*
B. P. Abbott et al., 2017, Nature, 551, 85

12. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. II. UV, Optical, and Near-IR Light Curves and Comparison to Kilonova Models*
P. S. Cowperthwaite et al., 2017, ApJ, 848, 17L

11. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. III. Optical and UV Spectra of a Blue Kilonova From Fast Polar Ejecta*
M. Nicholl et al., 2017, ApJ, 848, L18

10. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. IV. Detection of Near-infrared Signatures of r-process Nucleosynthesis with Gemini-South*
R. Chornock et al., 2017, ApJ, 848, L19

9. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. V. Rising X-ray Emission from an Off-Axis Jet*
R. Margutti et al., 2017, ApJ, 848, L20

8. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. VI. Radio Constraints on a Relativistic Jet and Predictions for Late-Time Emission from the Kilonova Ejecta*
K. D. Alexander et al., 2017, ApJ, 848, L21

7. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. VII. Properties of the Host Galaxy and Constraints on the Merger Timescale*
P. K. Blanchard et al., 2017, ApJ, 848, L22

6. *The Electromagnetic Counterpart of the Binary Neutron Star Merger LIGO/VIRGO GW170817. VIII. A Comparison to Cosmological Short-duration Gamma-ray Bursts*
W. Fong et al., 2017, ApJ, 848, L23

5. *Bifrost: a Python/C++ Framework for High-Throughput Stream Processing in Astronomy*
M. D. Cranmer et al., 2017, JAI, 6, 1750007

4. *Empirical constraints on the origin of fast radio bursts: volumetric rates and host galaxy demographics as a test of millisecond magnetar connection*
M. Nicholl et al., 2017, ApJ, 843, 84

3. *Bayesian Constraints on the Global 21-cm Signal from the Cosmic Dawn*
G. Bernardi et al., 2016, MNRAS, 461, 3

2. *Digital Signal Processing using Stream High Performance Computing: A 512-input Broadband Correlator for Radio Astronomy*
J. Kocz et al., 2015, JAI, 4 50003

1. *Pulsar Observations Using the First Station of the Long Wavelength Array and the LWA Pulsar Data Archive*
K. Stovall et al., 2015, ApJ, 808, 156