

CURRICULUM VITAE — Kunal Mooley

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ACADEMIC QUALIFICATIONS

2015–Pres. Hintze Research Fellow, University of Oxford
2009–2015 Ph.D. (Astronomy), California Institute of Technology. Dissertation: Exploring the Dynamic Radio Sky
2007–2009 M.Sc. (Physics), Indian Institute of Technology, Bombay
2004–2007 B.Sc. (Physics), Fergusson College, Pune, India

RESEARCH INTERESTS

Radio transients and surveys; gravitational waves; accretion and jets; history of the solar system

FELLOWSHIPS, AWARDS, HONOURS

2015–Pres. Oxford University Hintze Fellowship
2015–2016 Brasenose College Visiting Fellowship
2012–2014 National Radio Astronomy Observatory Grote Reber Fellowship
2009 IIT Bombay Graduate Silver Medal
2007 Indian Institute of Technology M.Sc. Joint Admissions Examination Rank 10 (India-wide)
2004 Loyola Junior College Best Graduating Student Award

TEACHING, MENTORING, JUDGING

Teaching Assistantship (Caltech)

2011 Introduction to Modern Astronomy (Ay20)
2012 Undergraduate Cosmology (Ay21)
2012 Graduate Cosmology (Ay127)
2013 Undergraduate Electricity, Magnetism and Optics Laboratory (Ph6)
2013 Undergraduate Nuclear Physics Laboratory (Ph7)

Mentoring Elementary School Students (Washington Elementary School, Pasadena)

2012–2013 Brainstorming for Annual Science Fair Projects
2012–2013 Teaching New Science Concepts

Judging at Science Fairs

2012–2014 California Science Fair
2013–2014 McKinley School Science Fair

PROFESSIONAL SERVICES

2016–Pres. Co-chair of the VLA Telescope Sky Survey (VLASS) Technical Implementation Committee
2016–Pres. Co-chair of the MeerKAT Telescope Gravitational Wave Followup Committee
2016–Pres. Reviewer for the Astrophysical Journal (ApJ)
2015–Pres. Reviewer for the Monthly Notices of Royal Astronomical Society (MNRAS)
2015–Pres. Reviewer for the Giant Meterwave Radio Telescope

OUTREACH AND EDUCATION

2016 Oxford Stargazing Event, University of Oxford
2012 Venus Transit Outreach Event, Caltech
2011 SN2011fe Supernova Outreach Event, Caltech
2001 IUCAA Open Day: Stargazing Night, Pune, India

APPROVED LARGE PROGRAMS

Observing Programs

- 2012–2015 LRIS on Keck — 3 nights, PIs S. Kulkarni, S. Burke-Spolaor
2012–2015 DBSP on Palomar — 10 nights, PIs S. Kulkarni, G. Hallinan
2013–2015 JVLA — 386 hours for the COSMOS 3 GHz Survey, PI V. Smolcic
2013–2015 JVLA — 292 hours for the Caltech-NRAO Stripe 82 Survey, PIs G. Hallinan, S. Kulkarni
2014 SWIFT — 20 ks in Cycle 11, PI K. Mooley
2014–2015 GMRT — 60 hours for the G1STS Survey, PI K. Mooley
2015–2016 JVLA — 75 hours for the LIGO follow up, PI S. Kulkarni
2015–2017 AMI-LA — >1000 hours for Rapid radio follow up of Transients, PIs R. Fender, K. Mooley
2016 XMM-Newton — 80 ks in AO-15, PI M. Kunert-Bajraszewska
GMRT — 70 hours for the TGSS ADR Follow up Survey, PI H. Intema
uGMRT — 54 hours for the 4MUGS Survey, PI F. deGasperin
2017–2018 JVLA — 266 hours for LIGO follow up (JAGWAR Project), PI K. Mooley (proposed)
2017–2022 MeerKAT — 400 hours for LIGO follow up (as part of ThunderKAT Project), PIs K. Mooley, P. Groot
2017–2022 MeerKAT — 2700 hours for the ThunderKAT Project, PIs P. Woudt, R. Fender

Research Funding

- 2015 SWIFT Grant (Cycle 11), \$15k

PRESS RELEASES

- 2015–2016 **Discovery of the black hole X-ray binary V404 Cygni in outburst**
- <http://www.ox.ac.uk/news/science-blog/black-hole-awakes-after-26-years>
 - http://elpais.com/elpais/2016/05/05/ciencia/1462469713_083459.html

COMPUTATIONAL EXPERIENCE

Programming Python, MATLAB, C, C++, Fortran, ROOT, Shell

Data Tools Scipy, Numpy, R, Matplotlib, GnuPlot

Astronomical CASA, AIPS, MIRIAD, IRAF, HEASoft, XSPEC, Astropy

CONFERENCE TALKS, SEMINARS & COLLOQUIA

2016

- a) The Search for Radio Afterglows of Gravitational Wave Sources (SPIMAX Talk, Univ. of Oxford)
- b) The 2015 Outburst of the Black Hole X-ray Binary, V404 Cyg (University of Manchester)
- c) The Phenomenal 2015 Outburst of V404 Cyg (University of Cambridge)
- d) Widefield Near-Real-time Transient Surveys (SKA Meeting, University of Cambridge)
- e) The GHz Transient Sky in the Gravitational Wave Era (B&E Conference, Caltech)
- f) Multi-frequency, high-resolution and rapid-trigger programs with AMI and eMELRIN (SKA Meeting, Jodrell Bank)
- g) Accretion and Jet Processes Across the Mass Scale: from White Dwarfs to AGN (TIFR, India)
- h) The VLA Sky Survey (NCRA, India)
- i) The Search for the Radio Afterglows of Gravitational Wave Sources (IIA, India)

2015

- a) Exploring the Dynamic Radio Sky (Dissertation talk, AAS 225, Seattle, USA)
- b) The Hunt for Radio Transients With the Jansky VLA (SPIMAX Talk, Oxford, UK)
- c) Joint Radio-Optical Searches for Radio Transients (Radio Transients Meeting, Univ. of Oxford)
- d) Radio Observations of the V404 Cyg 2015 Outburst (INTEGRAL Workshop, La Sapienza Univ., Rome)
- e) The Search for the Radio Afterglows of Orphan GRBs and GW Sources (INAF Merate, Italy)
- f) The Search for the Radio Afterglows of Gravitational Wave Sources (IUCAA, India)
- g) The 2015 Outburst of the Black Hole X-ray Binary, V404 Cyg (TIFR, India)
- h) The 2015 Outburst of the Black Hole X-ray Binary, V404 Cyg (NCRA, India)
- i) The 2015 Outburst of the Black Hole X-ray Binary, V404 Cyg (PRL, India)

2014

- a) Exploring the Dynamic Radio Sky: The 270 sq. deg Stripe 82 Survey (AAS 223, Washington DC)
- b) Search for Slow Transients with the VLA (University of Sydney)
- c) Search for Slow Transients with the VLA (Curtin University, Australia)
- d) Search for Fast and Slow Transients with the VLA (Swinburne University, Australia)
- e) Transient Search with the VLA and India's role in Time Domain Radio Astronomy (IIA, India)
- f) Transient Search with the VLA and India's role in Time Domain Radio Astronomy (NCRA, India)

2013

- a) Exploring the Dynamic Radio Sky (AAS 221, Los Angeles)
- b) Exploring the Dynamic Radio Sky (Locating Astrophysical Transients Conference, Netherlands)
- c) Exploring the Dynamic Radio Sky with the VLA (Radboud University Seminar, Netherlands)
- d) Exploring the Dynamic Radio Sky with the VLA (University of Groningen Seminar, Netherlands)
- e) Exploring the Dynamic Radio Sky (University of Southampton Seminar)
- f) Transients & On-The-Fly Mosaicking with the EVLA (NRAO Lunch Talk, Socorro, USA)

2012

- a) Radio Variables and Transients in the E-CDFS (YERAC Conference, Puschino Observatory, Russia)
- b) The PTF + VLA Stripe 82 Survey (PTF Annual Meet, UC Santa Barbara)

2009

- a) X-rays from the old Star Cluster, M67 (IIT Bombay)
- b) X-rays from the old Stellar Population of M67 (Caltech)

PUBLICATION RECORD

Apart from refereed publications, a gauge of success for astronomers working on astrophysical transient phenomena is circulars and telegrams that they have issued for quickly disseminating information about discoveries and multi-wavelength follow up observations. In this regard, I am one of the most active members of the astronomical community, issuing circulars and telegrams almost every week.

REFEREED JOURNAL PUBLICATIONS

Citations: 375, h-index: 11

1. A Sensitive Search for the Radio Afterglow of GW151226 using the Jansky VLA On-the-Fly Mapping
Mooley, K. P.; Myers, S. T.; Kulkarni, S. R.; Frail, D. A.; Hallinan, G.; Horesh, A.; 2016, ApJ Letters, submitting shortly
2. The Caltech-NRAO Stripe 82 Survey (CNSS) Paper II: On-the-Fly Mapping Methodology
Mooley, K. P.; Myers, S. T.; Frail, D. A.; Bhatnagar, S. G.; Rau, U.; Hallinan, G.; 2016, ApJ, submitting shortly
3. Rapid Radio Flaring during an Anomalous Outburst of SS Cyg
K. P. Mooley; J. C. A. Miller-Jones; R. P. Fender; G. R. Sivakoff; C. Rumsey; Y. Perrott; D. Titterton; K. Grainge; and 7 coauthors; MNRAS Letters, submitted
4. A unique long-lived multi-peaked supernova
Arcavi, I.; Howell, D. A.; Kasen, D.; Bildsten, L.; Hosseinzadeh, G. McCully, C.; ChuenWong, Z.; Katz, S. R.; Gal-Yam, A.; Sollerman, J.; Taddia, F.; Leloudas, G.; Fremling, C.; Nugent, P. E.; Horesh, A.; Fender, R.; **Mooley, K.**; Rumsey, C.; and 32 coauthors; Nature, submitted
5. A VLA Search for Radio Signals from M31 and M33
Gray, R.; **K. P. Mooley**; ApJ, submitted
6. The peculiar mass-loss history of supernova SN 2014C as revealed through AMI radio observations
G. E. Anderson; A. Horesh; **K. P. Mooley**; A. P. Rushton; R. P. Fender; T. D. Staley; S. R. Kulkarni; and 10 coauthors; MNRAS, accepted
7. Flares, wind and nebulae: the 2015 December mini-outburst of V404 Cygni
T. Munoz-Darias; J. Casares; D. Mata Sanchez; R. P. Fender; M. Armas Padilla; **K. Mooley**; L. Hardy; P. A. Charles; G. Ponti; and 14 coauthors; MNRAS Letters, accepted ([2016arXiv161008517M](#))
8. Living on a Flare: Relativistic Reflection in V404 Cyg Observed by NuSTAR During its Summer 2015 Outburst
Walton, D. J.; **Mooley, K.**; King, A. L.; Tomsick, J. A.; Miller, J. M.; Dauser, T.; Garcia, J.; Bachetti, M.; Brightman, M.; Fabian, A. C.; and 12 coauthors; ApJ, accepted ([2016arXiv160901293W](#))
9. Evidence for magnetic field compression in shocks within the jet of V404 Cyg
Shahbaz, T.; Russell, D. M.; Covino, S.; **Mooley, K.**; Fender, R. P.; Rumsey, C.; 2016, MNRAS ([2016MNRAS.463.1822S](#))
10. The Caltech-NRAO Stripe 82 Survey (CNSS). I. The Pilot Radio Transient Survey In 50 deg²
Mooley, K. P.; Hallinan, G.; Bourke, S.; Horesh, A.; Myers, S. T.; Frail, D. A.; Kulkarni, S. R.; Levitan, D. B.; Kasliwal, M. M.; Cenko, S. B.; and 3 coauthors 18; 2016, The Astrophysical Journal ([2016ApJ...818..105M](#))
11. Known Pulsars Identified in the GMRT 150 MHz All-Sky Survey
Frail, D. A.; Jagannathan, P.; **Mooley, K. P.**; Intema, H. T.; 2016, The Astrophysical Journal ([2016ApJ...829..119F](#))
12. Pulsar candidates towards Fermi unassociated sources
Frail, D. A.; **Mooley, K. P.**; Jagannathan, P.; Intema, H. T.; 2016, MNRAS ([2016MNRAS.461.1062F](#))
13. On Associating Fast Radio Bursts with Afterglows
Vedantham, H. K.; Ravi, V.; **Mooley, K.**; Frail, D.; Hallinan, G.; Kulkarni, S. R.; 2016, The Astrophysical Journal ([2016ApJ...824L...9V](#))
14. The Circumgalactic Medium of Submillimeter Galaxies. I. First Results from a Radio-Identified Sample
Fu, Hai; Hennawi, J. F.; Prochaska, J. X.; Mutel, R.; Casey, C.; Cooray, A.; Kere, D.; Zhang, Z.-Y.; Clements, D.; Isbell, J.; and 7 coauthors; 2016, The Astrophysical Journal, accepted ([2016arXiv160700016F](#))
15. A multi-resolution, multi-epoch low radio frequency survey of the Kepler K2 mission Campaign 1 field
Tingay, S. J.; Hancock, P. J.; Wayth, R. B.; Intema, H.; Jagannathan, P.; **Mooley, K.**; 2016, The Astronomical Journal ([2016AJ...152...82T](#))
16. Regulation of black-hole accretion by a disk wind during a violent outburst of V404 Cygni
Muoz-Darias, T.; Casares, J.; Mata Sanchez, D.; Fender, R. P.; Armas Padilla, M.; Linares, M.; Ponti, G.; Charles, P. A.; **Mooley, K. P.**; Rodriguez, J.; 2016, Nature ([2016Natur.534...75M](#))

17. The XXL Survey. IX. Optical overdensity and radio continuum analysis of a supercluster at $z = 0.43$
Baran, N.; Smoli, V.; Milakovi, D.; Novak, M.; Delhaize, J.; Gastaldello, F.; Ramos-Ceja, M. E.; Pacaud, F.; Bourke, S.; Carilli, C. L.; and 11 coauthors; 2016, *Astronomy & Astrophysics* ([2016A&A...592A...8B](#))
18. The GMRT 150 MHz All-sky Radio Survey: First Alternative Data Release TGSS ADR1
Intema, H. T.; Jagannathan, P.; **Mooley**, K. P.; Frail, D. A.; 2016, *Astronomy & Astrophysics* ([2016arXiv160304368I](#))
19. Furiously fast and red: sub-second optical flaring in V404 Cyg during the 2015 outburst peak
Gandhi, P.; Littlefair, S. P.; Hardy, L. K.; Dhillon, V. S.; Marsh, T. R.; Shaw, A. W.; Altamirano, D.; Caballero-Garcia, M. D.; Casares, J.; Casella, P.; and 18 coauthors; 2016, *MNRAS* ([2016MNRAS.459..554G](#))
20. High-energy gamma-ray observations of the accreting black hole V404 Cygni during its June 2015 outburst
Loh, A.; Corbel, S.; Dubus, G.; Rodriguez, J.; Grenier, I.; Hovatta, T.; Pearson, T.; Readhead, A.; Fender, R.; **Mooley**, K.; 2016, *MNRAS Letters* ([2016MNRAS.462L.111L](#))
21. A Survey for H α Emission from Late L Dwarfs and T Dwarfs
Pineda, J. Sebastian; Hallinan, Gregg; Kirkpatrick, J. Davy; Cotter, Garret; Kao, Melodie M.; **Mooley**, Kunal; 2016, *The Astrophysical Journal* ([2016ApJ...826...73P](#))
22. Physical properties of $z > 4$ submillimeter galaxies in the COSMOS field
Smoli, V.; Karim, A.; Miettinen, O.; Novak, M.; Magnelli, B.; Riechers, D. A.; Schinnerer, E.; Capak, P.; Bondi, M.; Ciliegi, P.; and 24 coauthors; 2015, *Astronomy & Astrophysics* ([2015A&A...576A.127S](#))
23. New insights from deep VLA data on the potentially recoiling black hole CID-42 in the COSMOS field
Novak, Mladen; Smoli, Vernesa; Civano, Francesca; Bondi, Marco; Ciliegi, Paolo; Wang, Xiawei; Loeb, Abraham; Banfield, Julie; Bourke, Stephen; Elvis, Martin; and 5 coauthors; 2015, *The Astrophysical Journal* ([2015MNRAS.447.1282N](#))
24. Study of X-ray emission from the old open cluster, M67
Mooley, K. P.; Singh, K. P.; 2015, *MNRAS* ([2015MNRAS.452.3394M](#))
25. A Multi-wavelength Investigation of the Radio-loud Supernova PTF11qej and its Circumstellar Environment
Corsi, A.; Ofek, E. O.; Gal-Yam, A.; Frail, D. A.; Kulkarni, S. R.; Fox, D. B.; Kasliwal, M. M.; Sullivan, M.; Horesh, A.; Carpenter, J.; and 13 coauthors; 2014, *The Astrophysical Journal* ([2014ApJ...782...42C](#))
26. B- and A-type Stars in the Taurus-Auriga Star-forming Region
Mooley, Kunal; Hillenbrand, Lynne; Rebull, Luisa; Padgett, Deborah; Knapp, Gillian, 2013, *The Astrophysical Journal* ([2013ApJ...771..110M](#))
27. Sensitive Search for Radio Variables and Transients in the Extended Chandra Deep Field South
Mooley, K. P.; Frail, D. A.; Ofek, E. O.; Miller, N. A.; Kulkarni, S. R.; Horesh, A.; 2013, *The Astrophysical Journal* ([2013ApJ...768..165M](#))
28. X-Ray Transients in the Advanced LIGO/Virgo Horizon
Kanner, Jonah; Baker, John; Blackburn, Lindy; Camp, Jordan; **Mooley**, Kunal; Mushotzky, Richard; Ptak, Andy; 2013, *The Astrophysical Journal* ([2013ApJ...774...63K](#))
29. Birth of a relativistic outflow in the unusual γ -ray transient Swift J164449.3+573451
Zauderer, B. A.; Berger, E.; Soderberg, A. M.; Loeb, A.; Narayan, R.; Frail, D. A.; Petitpas, G. R.; Brunthaler, A.; Chornock, R.; Carpenter, J. M.; and 17 coauthors; 2011, *Nature* ([2011Natur.476..425Z](#))

CONFERENCE PROCEEDINGS

1. Rapid Processing of Radio Interferometer Data for Transient Surveys
Bourke, S.; **Mooley**, K.; Hallinan, G.; 2016 ([2014ASPC..485..367B](#))

CIRCULARS/ TELEGRAMS

1. AMI observations of ASASSN transients (16hf and 16hq)
Mooley, K. P.; Fender, R. P.; Cantwell, T.; Perrott, Y. C.; Titterington, D.; Carey, S. H.; Hickish, J.; Razavi-Ghods, N.; Scott, P.; Grainge, K.; Scaife, A. ([2016ATel.9382....1M](#))
2. AMI 15 GHz upper limits for the nearby Type Ia supernova SN 2016coj
Mooley, K. P.; Fender, R. P.; Cantwell, T.; Titterington, D.; Saunders, R.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; Scott, P.; and 2 coauthors ([2016ATel.9193....1M](#))
3. AMI 15 GHz detection of ASASSN-16fp (AT 2016coi)
Mooley, K. P.; Fender, R. P.; Cantwell, T.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; Scott, P.; Grainge, K.; Scaife, A. ([2016ATel.9134....1M](#))

4. AMI-LA 15 GHz observations of AT 2016bln (=iPTF 16abc)
Mooley, K. P.; Fender, R. P.; Staley, T.; Horesh, A.; Rumsey, C.; Titterington, D.; Perrott, Y. C.; Carey, S.; Hickish, J.; Razavi-Ghods, N.; and 3 coauthors ([2016ATel.8937....1M](#))
5. e-MERLIN detection of compact radio emission from V404 Cyg
Rushton, A.; Fender, R.; **Mooley, K.**; Motta, S.; Beswick, R. ([2016ATel.8520....1R](#))
6. GRB 160801A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19812...1M](#))
7. GRB 160714A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19811...1M](#))
8. GRB 160705B: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19738...1M](#))
9. GRB 160703A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19737...1M](#))
10. GRB 160629A: 15 GHz detections and upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19689...1M](#))
11. GRB 160624A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19688...1M](#))
12. GRB 160625B: 15 GHz detection from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19610...1M](#))
13. GRB 160623A: Possible detection of a radio afterglow at 15 GHz with AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19609...1M](#))
14. GRB 160601A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19608...1M](#))
15. SGR 1935+2154: AMI 15 GHz upper limits of the magnetar during outburst.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; and 3 coauthors ([2016GCN..19607...1M](#))
16. GRB 160525B: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19564...1M](#))
17. GRB 160521B: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19563...1M](#))
18. GRB 160521A: 15 GHz detections and upper limit from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19534...1M](#))
19. GRB 160519A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19533...1M](#))
20. GRB 160509A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S. H.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19532...1M](#))
21. GRB 160504A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors ([2016GCN..19510...1M](#))

22. GRB 160417A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors (2016GCN..19509...1M)
23. GRB 160408A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Cantwell, T.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors (2016GCN..19508...1M)
24. GRB 160327A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; and 3 coauthors (2016GCN..19453...1M)
25. GRB 160321A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; and 3 coauthors (2016GCN..19452...1M)
26. GRB 160314A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; and 3 coauthors (2016GCN..19451...1M)
27. GRB 160313A: 15 GHz upper limits from AMI.
Mooley, K. P.; Staley, T. D.; Fender, R. P.; Anderson, G. E.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; Razavi-Ghods, N.; and 3 coauthors (2016GCN..19450...1M)
28. GRB 160131A: 15 GHz upper limits from AMI-LA.
Mooley, K. P.; Fender, R. P.; Staley, T. D.; Ghirlanda, G.; Nappo, F.; Rumsey, C.; Titterington, D.; Carey, S.; Hickish, J.; Perrott, Y. C.; and 4 coauthors (2016GCN..19206...1M)
29. ANTARES neutrino detection: VLA catalogue of radio source components and their variability levels in the field
Tetarenko, A.; Sivakoff, G.; Bahramian, A.; Miller-Jones, C. O. Heinke G. Hallinan J.; Mioduszewski, A.; **Mooley, K. (2015ATel.8034....1T)**
30. Preliminary Radio/UV/X-ray Fluxes from July 10 for V404 Cyg as it Fades Towards Quiescence
Sivakoff, G. R.; Bahramian, A.; Heinke, C. O.; Tetarenko, A.; Bozzo, C. Knigge E.; Esposito, V.; Fender, R. P.; Staley, T. D.; Anderson, G. E.; **Mooley, K. P.; and 10 coauthors (2015ATel.7788....1S)**
31. Significant Decrease in Intensity and Variability of Millimeter Emission from V404 Cyg
Tetarenko, A.; Sivakoff, G. R.; Bremer, M.; Miller-Jones, J. C.; **Mooley, K.**; Fender, R.; Staley, T.; Anderson, G. **(2015ATel.7740....1T)**
32. LOFAR detection of V404 Cyg at 150 MHz
Broderick, Jess; Stewart, Adam; Fender, Rob; Miller-Jones, James; **Mooley, Kunal; Pietka, Malgorzata (2015ATel.7720....1B)**
33. Joint optical and radio observations of V404 Cyg
Mooley, Kunal; Clarke, Fraser; Fender, Rob (2015ATel.7714....1M)
34. Radio flaring from Algol detected by AMI-LA
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