

EVN Publications 2021

- Gomez, M. E. et al.: Towards the determination of the geodetic position of non-geodetic EVN antennas (2021) Proceedings of the 25th European VLBI Group for Geodesy and Astrometry Working Meeting, 39 (EC065)
- Veres, Patrik Milán et al.: European VLBI Network Observations of the Proposed Dual AGN SDSS J101022.95+141300.9 (2021) The Astrophysical Journal 922, 99 (EG109)
- Yang, Jun et al.: Structural and spectral properties of Galactic plane variable radio sources (2021) arXiv e-prints , arXiv:2112.12526 (EY014, EY017A, EY017B)
- Piro, L. et al.: The fast radio burst FRB 20201124A in a star-forming region: Constraints to the progenitor and multiwavelength counterparts (2021) Astronomy and Astrophysics 656, L15 (RP032A)
- Yang, Jun et al.: Structural and spectral properties of Galactic plane variable radio sources (2021) arXiv e-prints , arXiv:2112.12526 (EY014, EY017A, EY017B)
- Baldi, Ranieri D.; Giovannini, Gabriele; Capetti, Alessandro: The eMERLIN and EVN View of FR 0 Radio Galaxies (2021) Galaxies 9, 106 (EG100)
- Nimmo, K. et al.: Milliarcsecond localisation of the repeating FRB 20201124A (2021) arXiv e-prints, arXiv:2111.01600 (EK048)
- Surcis, G. et al.: EVN observations of 6.7 GHz methanol maser polarization in massive star-forming regions. V. Completion of the flux-limited sample (2021) arXiv e-prints , arXiv:2111.08023 (ES072)
- Bacsko, A. – K. et al.: Ambilateral collimation study of the twin-jets in NGC1052 (2021) arXiv e-prints , arXiv:2111.09850
- Gómez, Jose L. et al.: Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. V. Space and ground millimeter-VLBI imaging of OJ 287 (2021) arXiv e-prints , arXiv:2111.11200 (GA030E)
- Ma, Maoli et al.: VLBI Data Processing on Coronal Radio-sounding Experiments of Mars Express (2021) The Astronomical Journal 162, 141 (RM012)
- Casadio, C. et al.: SMILE: Search for Milli-LEnses (2021) Monthly Notices of the Royal Astronomical Society 507, L6 (EC071)
- Liu, Lei et al.: VOLKS2: A Transient Search and Localization Pipeline for VLBI Observations (2021) The Astronomical Journal 162, 159 (EL060)
- Cheng, Xiaopeng et al.: Parsec-scale properties of eight Fanaroff-Riley type 0 radio galaxies (2021) Monthly Notices of the Royal Astronomical Society 506, 1609 (EC063A, EC063B, EC063C, EC063D)
- Holoien, Thomas W. – S. et al.: Investigating the Nature of the Luminous Ambiguous Nuclear Transient ASASSN-17jz (2021) arXiv e-prints , arXiv:2109.07480 (RR011)
- Cao, Hong-Min et al.: A long-lived compact jet in the black hole X-ray binary candidate AT2019wey (2021) arXiv e-prints , arXiv:2109.08866 (RSC07)
- Paragi, Z. et al.: e-EVN observations of V1674 Her (2021) The Astronomer's Telegram 14758, 1 (RP033)
- Perger, Krisztina et al.: Multi-scale Radio and X-Ray Structure of the High-redshift Quasar PMN J0909+0354 (2021) The Astrophysical Journal 915, 98 (EP115)
- Salafia, O. S. et al.: Multi-wavelength view of the close-by GRB~190829A sheds light on gamma-ray burst physics (2021) arXiv e-prints , arXiv:2106.07169 (RG010A, RG010B, RG010C)

- Mohan, Prashanth et al.: Decelerated non-relativistic expansion in a tidal disruption event with a potential neutrino association (2021) arXiv e-prints , arXiv:2106.15799 (EM140A, EM140B, RSM04)
- Radcliffe, J. F. et al.: Nowhere to hide: Radio-faint AGN in the GOODS-N field. II. Multi-wavelength AGN selection techniques and host galaxy properties (2021) *Astronomy and Astrophysics* 649, A27 (EG078B)
- Marcote, B. et al.: VLBI localization of FRB 20201124A and absence of persistent emission on milliarcsecond scales (2021) *The Astronomer's Telegram* 14603, 1 (EK048D, EK048E)
- Nimmo, K. et al.: Burst timescales and luminosities link young pulsars and fast radio bursts (2021) arXiv e-prints , arXiv:2105.11446 (EK048)
- Yang, Jun et al.: A compact core-jet structure in the changing-look Seyfert NGC 2617 (2021) *Monthly Notices of the Royal Astronomical Society* 503, 3886 (EY021A, EY021B, RY005)
- Kirsten, F. et al.: A repeating fast radio burst source in a globular cluster (2021) arXiv e-prints , arXiv:2105.11445 (EK048B, EK048C, EK048F)
- EHT MWL Science Working Group et al.: Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign (2021) *The Astrophysical Journal* 911, L11 (EH033)
- Nesci, R. et al.: Multiwavelength flare observations of the blazar S5 1803+784 (2021) *Monthly Notices of the Royal Astronomical Society* 502, 6177 (EC057A, EC057B, EC057C)
- Bietenholz, Michael F. et al.: SN 2014C: VLBI image shows a shell structure and decelerated expansion (2021) *Monthly Notices of the Royal Astronomical Society* 502, 1694 (EB066A, EB066B)
- Pötzl, F. M. et al.: Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. IV. The quasar 3C 345 at 18 cm: Magnetic field structure and brightness temperature (2021) *Astronomy and Astrophysics* 648, A82 (GG079A)
- Schulz, R. et al.: Parsec-scale HI outflows in powerful radio galaxies (2021) *Astronomy and Astrophysics* 647, A63 (GN002)
- Boccardi, B. et al.: Jet collimation in NGC 315 and other nearby AGN (2021) *Astronomy and Astrophysics* 647, A67 (ES049B)
- Yang, Jun et al.: A parsec-scale faint jet in the nearby changing-look Seyfert galaxy Mrk 590 (2021) *Monthly Notices of the Royal Astronomical Society* 502, L61 (EY022, EY022B, EY023)
- Powell, Devon et al.: A novel approach to visibility-space modelling of interferometric gravitational lens observations at high angular resolution (2021) *Monthly Notices of the Royal Astronomical Society* 501, 515 (GM070)
- Yang, Jun et al.: The nearby extreme accretion and feedback system PDS 456: finding a complex radio-emitting nucleus (2021) *Monthly Notices of the Royal Astronomical Society* 500, 2620 (EY027, EY027B)
- Vaddi, S. et al.: High sensitivity EVN+Arecibo observations of dual AGN (2021) *American Astronomical Society Meeting Abstracts* 53, 331.02 (EV022, EV023)
- Litvinov, Dmitry et al.: Einstein Equivalence Principle test with RadioAstron (2021) 43rd COSPAR Scientific Assembly. Held 28 January – 4 February 43, 2114
- Nimmo, K. et al.: Highly polarized microstructure from the repeating FRB 20180916B (2021) *Nature Astronomy* 5, 594 (EM135C)

- Aberfelds, A. et al.: A preview look at the maser cloudlet evolution in the HMSFR IRAS 20126+4104 (2021) *Astronomical and Astrophysical Transactions* 32, 383 (EA063, EL032, EM64C, EM64D, ES66E)