

2015 - Refereed publications involving the 32-m Medicina and Noto radio telescopes

In the following list, publications involving the Medicina and Noto 32-m radio telescopes have been divided in two categories according to the observing technique: VLBI and Single-Dish. Publications related to the International VLBI Service for Geodesy and Astrometry are included among VLBI ones.

VLBI

- 1) Argo, M. K., et al. 2015, MNRAS 452, 1081. "A new period of activity in the core of NGC 660"
- 2) Bobylev, V. V. 2015, AstL 41, 156. "Residual HCRF rotation relative to the inertial coordinate system"
- 3) Bobylev, V. V. & Bajkova, A. T. 2015, MNRAS 447, 50. "Detection of periodic variations in the vertical velocities of Galactic masers"
- 4) Bogdanov, S., et al. 2015, ApJ 806, 148. "Coordinated X-Ray, Ultraviolet, Optical, and Radio Observations of the PSR J1023+0038 System in a Low-mass X-Ray Binary State"
- 5) Boucher, C., Pearlman, M. & Sarti, P. 2015, AdSpR 55, 24. "Global geodetic observatories"
- 6) Carnerero, M. I., et al. 2015, MNRAS 450, 2677. "Multiwavelength behaviour of the blazar OJ 248 from radio to gamma-rays"
- 7) Cegłowski, M., Kunert-Bajraszewska M., & Roskowiński, C. 2015, MNRAS 450, 1123. "VLBI survey of compact broad absorption line quasars with balnicity index $BI = 0$ "
- 8) Cseh, D., et al. 2015, MNRAS 452, 24. "The evolution of a jet ejection of the ultraluminous X-ray source Holmberg II X-1"
- 9) de Bruyn, A. G., & Macquart, J.-P. 2015, A&A 574, 125. "The intra-hour variable quasar J1819+3845: 13-year evolution, jet polarization structure, and interstellar scattering screen properties"
- 10) Deller, A. T., Moldon, J. & Miller-Jones, J. C. A. 2015, ApJ 809, 13. "Radio Imaging Observations of PSR J1023+0038 in an LMX B State"
- 11) Duev, D. A., et al. 2015, A&A 573, 99. "RadioAstron as a target and as an instrument: Enhancing the Space VLBI mission's scientific output"
- 12) Frey, S., et al. 2015, MNRAS 446 2921. "The first estimate of radio jet proper motion at $z > 5$ "
- 13) Gubanov, V. S. & Kurdubov, S. L. 2015, Astronomy Letters 41, 225. "Influence of Ocean Tides on the Diurnal and Semidiurnal Earth Rotation Variations from VLBI Observations"
- 14) Gubanov, V. S. & Kurdubov, S. L. 2015, Astronomy Letters 41, 232. "Resonances in Solid Earth"

Tides from VLBI Observations"

- 15) Kirsten, F., et al, 2015, A&A 577, 111. "Revisiting the birth locations of pulsars B1929+10, B2020+28, and B2021+51"
- 16) Kunert-Bajraszewska, M., et al. 2015, A&A 579, 109. "A VLBI survey of compact broad absorption line quasars with balnicity index $BI > 0$ "
- 17) Lobanov, A. P., et al., 2015, A&A 583, 100. "RadioAstron space VLBI imaging of polarized radio emission in the high-redshift quasar 0642+449 at 1.6 GHz"
- 18) Mantovani, F., et al. 2015, A&A 577, 36. "A sample of weak blazars at milli-arcsecond resolution"
- 19) Nechaeva, M. B., et al. 2015, R&QE 57, 691. "VLBI Radar of the 2012 DA14 Asteroid"
- 20) Plank, L., et al. 2015, AdSpR 56, 304. "Challenges for geodetic VLBI in the southern hemisphere"
- 21) Rampadarath, H., et al. 2015, MNRAS 452, 32. "A high-resolution wide-field radio survey of M51"
- 22) Seitz, M. 2015, 1st International Workshop on the Quality of Geodetic Observation and Monitoring Systems 2015, International Association of Geodesy Symposia 140, 57. Ed: Kutterer, H., Seitz, F., Alkhatib, H., et al. "Comparison of Different Combination Strategies Applied for the Computation of Terrestrial Reference Frames and Geodetic Parameter Series"
- 23) Surcis, G., et al. 2015, A&A 578, 102. "EVN observations of 6.7 GHz methanol maser polarization in massive star-forming regions. III. The flux-limited sample"

Single-Dish

- 1) Aleksic, J., et al. 2015, A&A 573, 50. "Multiwavelength observations of Mrk 501 in 2008"
- 2) Aleksic J. et al. 2015, A&A 576, 126. "The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies"
- 3) Faggi S., et al. 2015, Planetary & Space Science 118, 173. "Search for ammonia in comet C/2012 S1 (ISON)"
- 4) Raiteri C.M., et al. 2015, MNRAS 454, 353. "The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission"
- 5) Sulentic J.W., et al. 2015, MNRAS 450, 1916. "3C 57 as an atypical radio-loud quasar: implications for the radio-loud/radio-quiet dichotomy"