

Fifth Workshop on Millimetre Astronomy in Italy



Contribution ID: 61

Type: **not specified**

Andrea Possenti - Neutron stars pulsating in the mm-band: Italian perspectives (Invited)

Tuesday, 13 June 2023 11:30 (25 minutes)

The pulsed radio emission from the neutron stars has usually a steep spectrum, thus making difficult their investigation in the mm band. However, the availability of new instrumentation is opening new perspectives in the field, hopefully allowing us to address some long standing and still unanswered questions in the field of the emission processes from a neutron star magnetosphere. In particular, the presentation will focus on the expectations arising from the installation of a suite of high frequency receivers at the Sardinia Radio Telescope.