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Recent results of the Large Survey Projects on pulsars at MeerKAT

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Pulsar observations have been an important target for MeerKAT having two Large Survey Projects (MeerTIME and TRAPUM) dedicated to them. This has led to the discovery of more than 200 new pulsars within globular clusters, unidentified Fermi sources, the Magellanic clouds and the Galactic disk. Furthermore, the timing of the known pulsars has led to numerous measurements of neutron star masses, large population studies of pulsars and important results on the properties of globular clusters.

In this talk I will focus on the recent results on pulsar discoveries and timing at MeerKAT and what we have learned from them.

Research area

Pulsars

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