

Pulsars Discovered by FAST

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Pulsars are fast-spinning neutron stars widely spread in our Milky Way. We are using the FAST to carry out the FAST Galactic Plane Pulsar Snapshot (GPPS) survey, and have discovered about 700 pulsars, including more than 160 millisecond pulsars. These discoveries have significantly extended our knowledge of how many weak pulsars exist in our Milky Way. In this talk, we show how we do the survey, and present the highlights of the survey results, especially the excellent measurements of relativistic effects of compact pulsar binary systems.

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Session Classification: Nuclear Matter, Neutron Stars and Black holes

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