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国台学术报告 NAOC COLLOQUIUM

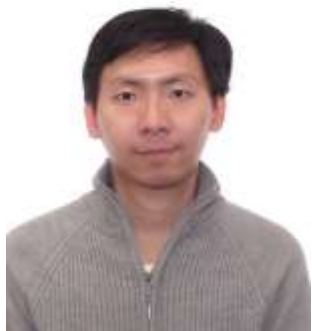
2023 年第 4 次 / No. 4 2023

Time: Wednesday, 2:30 PM , Mar.22nd, 2023

Location: A601, NAOC & Live Streaming

Pulsar and Fast Radio Burst study using FAST

Prof. Weiwei Zhu (NAOC)



Weiwei Zhu got his PhD from McGill University (2011). After that, he worked as a post-doc at the University of British Columbia in Canada and then at the Max-Planck Institute for Radio Astronomy in Germany. He joined the National Astronomical Observatories, Chinese Academy of Science (NAOC) as a professor in 2017 and has been working with the early science and commissioning team of FAST and serving as a key member of some FAST key science projects. Now he studies pulsars and Fast Radio Bursts using FAST and the Square Kilometer Array (SKA) precursors.

Abstract

Pulsars and Fast Radio Bursts (FRB) are some of the most energetic and "fast" astronomical objects. They are both possibly from "neutron stars". In this talk, he will introduce some of his group and collaborators' pulsars and FRB research using the Five-hundred-meter Aperture Spherical radio Telescope (FAST). He will talk about the discovery and timing of new pulsars, testing theories of gravitation using pulsar timing, and measuring pulsar emission and geometry. He will also talk about some of the FAST FRB key science project results, including the large sample repeating FRB studies and the radio follow-up of the Galactic FRB source -- SGR J1935+2154.



All are welcome ! Live Streaming QR Code

