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国台学术报告 NAOC COLLOQUIUM

2020 年 第 11 次 / No. 11 2020

Time: **Wednesday 2:30 PM, Dec.23th**

Location: **A601, NAOC**

Search for Fast radio bursts with Chinese radio telescopes

Prof. Kejia Lee

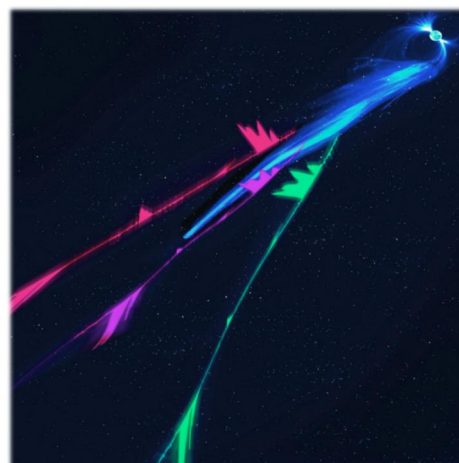
Peking University



Kejia Lee, professor and researcher of Kavli institute for astronomy and astrophysics of Peking University, researcher of National Astronomical Observatory, Chinese Academy of Science, guest researcher of Max-Planck institute for radio astronomy. He works with pulsars, e.g. pulsar timing to detect gravitational wave, searching for fast radio bursts, studying the fundamental physics with pulsar observations. He also builds instruments, such as low noise amplifier, digital receiver, servos, and regulators. He got BSc, MSc, and PhD from Peking university, and spend a few years in Max-Planck institute for radio astronomy as post-doc. He returned to Peking university since 2013.

Abstract

In this talk, the fast radio burst (FRB) searching efforts with Chinese radio telescopes, including Xinjiang 26m, Yunnan 40m, Luonan 40m, and FAST 500m telescopes. We will discuss the hardware, searching algorithm, and results. Recent results of FRB 180301 and SGR J1935 will be also included in the talk.



All are welcome ! Tea, coffee will be served at 2:15 PM.