

## 早期科学项目 3062

名称: Subpulse drifts in millisecond pulsars

科学意义: Radio pulsars are known to exhibit various emission properties, such as the pulsar nulling and mode changing. Some pulsars exhibit periodic emission variations. The well known of such phenomenon is the sub-pulse drifting, in which the sub-pulse drifts in pulse phase and longitude across a pulse sequence. FAST is an ideal tool for sub-pulse drifting research of millisecond pulsars. In this proposal, we aim to search sub-pulse drifting in millisecond pulsars using FAST.