

## THE APPLICATIONS OF SNAP2

Liangtian Zhao, Lin Shu, Jie Hao, Yafang Song, Qiuxiang Fan, Hui Feng, *Institute of Automation,  
Chinese Academy of Sciences.*

SNAP2 has been used as a backend for many telescope arrays and single telescopes, such as FAST (spectrometer, pulsar engine), Tianlai telescope array (correlator, beamformer, pulsar engine), Chinese Spectral Radio Heliograph (correlator, beamformer) 21CMA (beamformer). Architectures of these instruments, experiences and lessons will be shared.