



Contribution ID: 354

Type: **Talk in the parallel session**

Cosmology with neutral hydrogen (HI) intensity mapping

Wednesday, 7 July 2021 09:40 (20 minutes)

I will describe how radio instruments like MeerKAT and the SKA can kick off an exciting new era in cosmology, by using the intensity mapping technique. I will emphasise the importance of synergies with optical galaxy surveys like Euclid and LSST. I will also talk about pathfinder data analysis work, in particular the recent GBT-eBOSS detections, and the analysis of Science Verification data from MeerKAT.

Primary author: POURTSIDOU, Alkistis

Presenter: POURTSIDOU, Alkistis

Session Classification: Non Standard Cosmological Probes

Track Classification: Fast Transients: Non Standard Cosmological Probes