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Enabling S-Band Capability for MeerKAT

Thursday, October 5, 2017 2:45 PM (15 minutes)

This talk will be on the MPIfR's efforts to equip the MeerKAT array with receivers and signal processing infrastructure that allows access to the skies in the 1750-3500 MHz range. We are building a 400-beam GPU-based beam-former and a processing cluster to serve as the pulsar and transient hunting machine. The plans on this machine and results from the initial tests with two telescopes will be discussed.

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Session Classification: Science symposium