

Optimisation & AI for image formation in the SKA era

Wednesday, 8 September 2021 16:00 (11 minutes)

The presentation will cover recent algorithmic developments at the interface of optimisation theory and machine learning, towards scalable precision robust image formation in radio interferometry. High-resolution high-dynamic range reconstructions of wideband and widefield images of diffuse emission with complex and faint structure, from both JVLA and ASKAP data, will be presented to showcase the new algorithmic capability for the SKA era.

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