



Contribution ID : 2

Type : **not specified**

Imaging the spatial, spectral, and temporal sky via information field theory

Thursday, 5 October 2017 16:30 (15)

Information field theory (IFT), the information theory for fields, permits the derivation of imaging algorithms, which are optimized for specific measurement situations. I will present the current state of the IFT algorithms RESOLVE and D3PO for radio synthesis and γ /X-ray imaging, respectively, highlight scientific results obtained with them, and discuss their future evolution.

Summary

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Session Classification : Science symposium