

1st ErUM-IFT Collaboration Meeting

Monday, November 20, 2023

Talk: Introduction to Jax - E.0.11 (10:00 AM - 11:00 AM)

Talk: Introduction to Jax-Nifty (jifty) - E.0.11 (11:30 AM - 12:30 PM)

Tuesday, November 21, 2023

Talk: Interfacing nifty & other ML frameworks - Jakob Roth - E.0.11 (9:30 AM - 10:15 AM)

Talk: Custom operators - Philipp Frank - E.0.11 (10:15 AM - 11:00 AM)

Wednesday, November 22, 2023

Talk: The challenge of resolution in fluorescence imaging - Judith Reindl - E.0.11 (10:00 AM - 10:30 AM)

Talk: From Bayesian estimators to ML - Philipp Frank - E.0.11 (10:30 AM - 11:00 AM)

Talk: Radio Interferometry with nifty/Resolve and ML-approaches - David Smolinski - E.0.11 (1:30 PM - 2:00 PM)

Talk: Automatic modeling of complex superposed systems with IFT - Richard Fuchs - E.0.11 (2:00 PM - 2:30 PM)

Talk: cINN - Martin Erdmann - E.0.11 (2:30 PM - 2:50 PM)

Thursday, November 23, 2023

Talk: Optimal modeling of antenna beam - Morteza Pashapourahmanabadi - E.0.11 (10:00 AM - 10:30 AM)

Talk: Modeling Signal Propagation through the Atmosphere for Air Shower Radio Emissions - Martin Erdmann - E.0.11 (10:30 AM - 11:00 AM)

Talk: Reconstruction methods for radio detection of air showers with LOFAR - Karen Terveer - E.0.11 (1:30 PM - 2:00 PM)

Talk: TBD - Simon Strähnz - E.0.11 (2:00 PM - 2:30 PM)

Friday, November 24, 2023

Talk: Bayesian radio interferometric imaging - Jakob Roth - E.0.11 (11:30 AM - 12:00 PM)

Talk: AI Tool Halerium - Theo Steininger/Maksim Greiner (Erium GmbH) - E.0.11 (12:00 PM - 12:30 PM)

Talk: Towards Automatic Point Source Detection or Bayesian Causal Inference - Matteo Guardiani - E.0.11 (2:30 PM - 3:00 PM)

Talk: Spatially Variant Point Spread Functions for Bayesian Imaging - Vincent Eberle - E.0.11 (3:00 PM - 3:30 PM)

Talk: Bayes Forum: Disentangling the Fermi LAT sky - Lukas Platz - E.0.11 (4:00 PM - 5:00 PM)