

Swiss SKA Days 2023

Friday, 8 September 2023

Friday Afternoon: Astro Science (Part 2) - Oerlikon Campus - BIN-0-K.02 (13:10 - 15:15)

-Conveners: Daniel Schaerer

time	[id] title	presenter
13:10	[6] Phoebos and SKA	VAN DONKELAAR, Floor
13:30	[30] The robustness of machine learning for 21cm foreground removal	CHEN, Tianyue
13:50	[17] Field level model for HI: mocks and applications	OBULJEN, Andrej
14:10	[7] Bayesian inference from all-sky searches for radio technosignatures	GRIMALDI, Claudio
14:30	[44] BEO RN: a fast and flexible framework to simulate the epoch of cosmic dawn reionization	SCHAEFFER, Timothée
14:50	[46] First Observational Campaigns of the Mapper of the IGM Spin Temperature (MIST)	MONSALVE JARA, Raul Alberto

Friday Afternoon: Data Science & Simulations - Oerlikon Campus - BIN-1-B.01 (13:10 - 15:15)

-Conveners: Darren Reed

time	[id] title	presenter
13:10	[32] Deep learning domain adaption between mock observations and hydrodynamical simulations	Dr DENZEL, Philipp
13:35	[20] Simulating HI Intensity Mapping for MeerKAT/SKA Mid	MACHADO POLETTI VALLE, Luis Fernando
14:00	[34] Emulating Baryonic fields from cosmic to galaxy scales with Generative Deep Learning	FELDMANN, Robert
14:25	[4] Fast Simulation of Cosmological Neutral Hydrogen with a Halo model approach	HITZ, Pascal
14:50	[66] Open Discussion	

Friday Afternoon: Closing Remarks - Oerlikon Campus - BIN-1-B.01 (15:15 - 15:30)

-Conveners: Jean-Paul Kneib