

SKACH Spring Meeting

Thursday, 1 June 2023

Thursday afternoon: Data Science & Imaging - Aula (14:30 - 15:50)

-Conveners: Emma Tolley

time	[id] title	presenter
14:30	[22] Conditional Denoising Diffusion Reconstruction of Radio Astronomical Images	DROZDOVA, Mariia
14:45	Q&A;	
14:50	[14] Self-Supervised Learning for MeerKAT Images	LASTUFKA, Erica
15:05	Q&A;	
15:10	[21] Bluebild: a next generation radio interferometric imager	KRISHNA, Shreyam
15:25	Q&A;	
15:30	[7] HVOX: Scalable Interferometric Synthesis and Analysis of Spherical Sky Images	KASHANI, Sepand Dr RUE QUERALT, Joan Dr SIMEONI, Matthieu
15:45	Q&A;	

Thursday afternoon: Science Enabling Tools - Aula (16:10 - 17:50)

-Conveners: Simon Felix

time	[id] title	presenter
16:10	[15] Simulating radio observations with KARABO	SHARMA, Rohit
16:25	Q&A;	
16:30	[10] Simulating HI Intensity Mapping for MeerKAT/SKA Mid	STUDER, Jennifer
16:45	Q&A;	
16:50	[18] How Karabo supports Science users	FELIX, Simon
17:05	Q&A;	
17:10	[9] A GPU-accelerated and Python-wrapped update of the C2Ray radiative transfer code for Cosmic Reionization Simulations	HIRLING, Patrick
17:25	Q&A;	
17:30	[13] SKA HPC Co-design	Dr CORDA, Stefano
17:45	Q&A;	