

National SKA Science Day Sweden

Thursday, 2 February 2023

Talks: Morning session - Lecture room 24, floor 2 (10:00 - 12:05)

-Conveners: Martin Sahlén

time	[id] title	presenter
10:00	[15] SKA science case and project status/timeline	Mr BRAUN, Robert
10:30	[12] Sweden in the SKA	CONWAY, John
10:45	[16] Scientific highlights from the metre wavelength SKA precursor telescope LOFAR and LOFAR 2.0 goals.	HESSELS, Jason
11:10	[17] Scientific exploitation of LOFAR international baseline observations.	MORABITO, Leah
11:35	[11] Sub-arcsecond resolution imaging of M51 with LOFAR-VLBI	VENKATTU, Deepika
11:50	[9] Polarization in the ELAIS-N1 LOFAR deep field: Probing the sub-mJy regime of polarized extragalactic sources	PIRAS, Sara

Talks: Afternoon session 1 - Lecture room 24, floor 2 (13:00 - 14:25)

-Conveners: Anne-Kathrin Baczko

time	[id] title	presenter
13:00	[18] HI galaxies science results from centimetre wavelength SKA precursor telescopes.	HESS, Kelley
13:25	[6] MeerKAT HI imaging of high-redshift analog galaxy Haro11: clues to Reionization	LE RESTE, Alexandra
13:40	[5] Constraining cosmology with the 21-cm signal during reionization	GIRI, Sambit Kumar
13:55	[14] Probing the Cosmic Dawn using the redshifted 21-cm bispectrum	KAMRAN, Mohammad
14:10	[7] Utilization of Convolutional Neural Networks for H i Source Finding Team FORSKA-Sweden approach to SKA Data Challenge 2	HÅKANSSON, Henrik

Talks: Afternoon session 2 - Lecture room 24, floor 2 (14:50 - 16:15)

-Conveners: Michael Lindqvist

time	[id] title	presenter
14:50	[19] MeerKAT continuum/transient results	MAGNUS, Lindsay
15:15	[8] Fundamental Physics with SKA	HE, Yutong
15:30	[13] Polarized intensity oddities in edge-on galaxies	BRANDENBURG, Axel
15:45	[10] Spatially resolving the extended atmospheres of evolved stars with the SKA	BOJNORDI ARBAB, Behzad
16:00	[20] Summary and next steps	CONWAY, John