



# The II National Workshop of SKA science and technology

## Monday, 3 December 2018

### Science with SKA Precursors and Pathfinders: HI [chair: G. Bernardi] (16:45 - 17:40)

time	[id] title	presenter
16:45	[72] Extragalactic HI Science: ongoing activities towards the SKA - 25'	SERRA, Paolo
17:10	[44] First results from MeerKAT Commissioning Observations - 15'	MACCAGNI, Filippo
17:25	[40] ASKAP HI Imaging of a nearby spiral galaxy - 15'	KLEINER, Dane

## Tuesday, 4 December 2018

### Science with SKA Precursors and Pathfinders: Our Galaxy [chair: C. Trigilio] (12:30 - 13:10)

time	[id] title	presenter
12:30	[63] The SCORPIO project: the first ASKAP glimpse in the Galactic plane - 25'	G. UMANA / F. BUFANO
12:55	[64] New methodologies for Galactic data reduction and analysis - 15'	CAVALLARO, Francesco

### Science with SKA Precursors and Pathfinders: the Cradle of Life [chair G. Umana] (14:00 - 14:40)

time	[id] title	presenter
14:00	[32] From protostellar disks to planetary atmospheres with SKA: Back to cm-wavelengths with new perspectives - 25'	CODELLA, Claudio
14:25	[65] Searching for exoplanets with SKA - 15'	INGALLINERA, Adriano

### Science with SKA Precursors and Pathfinders: Transients [chair: A. Possenti] (16:15 - 17:15)

time	[id] title	presenter
16:15	[16] Pulsars and FRBs: ongoing activities towards the SKA - 25'	BURGAY, Marta
16:40	[15] Probing the properties of globular clusters using pulsars with MeerKAT - 15'	ABBATE, Federico
16:55	[20] Deciphering the puzzle of GRB170817 and the SKA studies of Gamma Ray Bursts - 20'	GHIRLANDA, Giancarlo

## Wednesday, 5 December 2018

### **Science with SKA Precursors and Pathfinders: Active Galactic Nuclei [chair: F. Govoni] (09:10 - 09:50)**

time	[id] title	presenter
09:10	[53] AGN Science with the SKA - 25'	VENTURI, Tiziana
09:35	[39] Search and modelling of remnant radio galaxies at 150 MHz with LOFAR - 15'	BRIENZA, Marisa

### **Science with SKA Precursors and Pathfinders: Magnetism and Galaxy Clusters [chair F. Govoni] (10:05 - 11:00)**

time	[id] title	presenter
10:05	[86] Magnetism and Galaxy Clusters: ongoing activities towards the SKA - 25'	BONAFEDE, Annalisa
10:30	[46] Observation of a nearby filament of galaxy clusters - 15'	VACCA, Valentina
10:45	[13] Cosmic magnetism with the SKA: expectations on the study of intracluster magnetic fields - 15'	LOI, Francesca

### **Science with SKA Precursors and Pathfinders: The Epoch of Reionization [chair: R. Cassano] (12:00 - 12:55)**

time	[id] title	presenter
12:00	[83] Reionization and the Cosmic Dawn: ongoing activities towards the SKA	MESINGER, Andrei
12:25	[41] Observing the cosmic dawn and epoch of reionization with the 21-cm line - 15'	BERNARDI, Gianni
12:40	[24] Simulations of Galactic polarized synchrotron emission for Epoch of Reionization observations - 15'	SPINELLI, Marta

### **Science with SKA Precursors and Pathfinders: Galaxy Formation and Evolution [chair: I. Prandoni] (14:15 - 15:10)**

time	[id] title	presenter
14:15	[85] Galaxy/AGN Evolution: ongoing activities towards the SKA - 25'	BONDI, Marco
14:40	[10] Theoretical Models of Galaxy Formation including HI - 15'	ZOLDAN, Anna
14:55	[7] Hosts and environments of radio-active AGN - 15'	MAGLIOCCHETTI, Manuela