

The II National Workshop of SKA science and technology

Monday, 3 December 2018

SKA-related technology and HPC activities: [chair: D. Fierro] (11:30 - 13:00)

time	[id] title	presenter
11:30	[61] The SKA project: the engineering perspective - 15'	FIERRO, Davide
11:45	[60] The SKA Project: technical requirements and challenges - 25'	STRINGHETTI, Luca
12:10	[21] LFAA experiences in Italy - 20'	MONARI, Jader
12:30	[11] The SKALA4-AL antenna: the Italian solution for SKA1-LOW - 15'	BOLLI, Pietro
12:45	[67] The SKA1-LOW receiver: the Italian experience from SKADS to AADC - 15'	PERINI, Federico

SKA-related technology and HPC activities: [chair: R. Smareglia] (14:00 - 16:00)

time	[id] title	presenter
14:00	[43] ITPM ADU 1.5 for LFAA and general purpose application - 15'	SCHILLIRO', Francesco
14:15	[62] The SKA-Dish Local Monitor and Control - 25'	TRIGILIO, Corrado
14:40	[35] Centrall Signal Processing Consortium: the Italian contribution - 25'	COMORETTO, Gianni
15:05	[51] Telescope Manager Consortium: the Italian contribution - 25'	DOLCI, Mauro
15:30	[71] PHAROS2: A C-Band Cryogenic Phased Array Feed	NAVARRINI, Alessandro

SKA-related technology and HPC activities: [chair: G. Bernardi] (16:30 - 16:45)

time	[id] title	presenter
16:30	[66] Low-Frequency Array Verification with Unmanned Aerial Vehicles - 15'	MATTEOLI , Stefania

Tuesday, 4 December 2018

SKA-related technology and HPC activities: [chair: G. Brunetti] (09:15 - 11:00)

time	[id] title	presenter
09:15	[75] Supercomputing and Big Data: the SKA requirements - 25'	MICCOLIS, Maurizio
09:40	[76] Supercomputing and big data for the SKA: challenges and opportunities for Italy - 30'	A. POSSENTI / R. SMAREGLIA
10:10	[77] LOFAR-IT HPC Activities - 30'	U. BECCIANI / G. TAFFONI
10:40	[37] Setting the stage for SKA: planning training and support for the community - 15'	MASSARDI, Marcella