



# LXV Congresso nazionale della Società Astronomica Italiana

## Tuesday, 4 June 2024

### Tecnologie Avanzate e Strumentazione - Auditorium Nazionale INAF "Ernesto Capocci" (14:30 - 16:05)

-Conveners: Pietro Schipani

time	[id] title	presenter
14:30	[174] Expected breakthroughs in the field of "Advanced Technologies and Instrumentation"	BUSONERO, Deborah
14:55	[92] The next generation of Cherenkov telescopes: innovations, challenges, and perspectives of ASTRI and CTAO	Dr SCUDERI, Salvatore
15:15	[69] SKALow – The INAF contribution	MONARI, Jader
15:35	[129] SOXS: the new transient tracker for the ESO NTT	COLAPIETRO, Mirko
15:50	[134] Integrating Optical Polarimetry into the VLT Survey Telescope: The VSTPOL Project	Dr SAVARESE, Salvatore

### Tecnologie Avanzate e Strumentazione - Auditorium Nazionale INAF "Ernesto Capocci" (16:35 - 18:25)

-Conveners: Pietro Schipani

time	[id] title	presenter
16:35	[111] Next generation Wide Field Adaptive Optics correction systems for ESO telescopes	VIOTTO, Valentina
16:55	[131] Accurate PSF Analysis; exploiting data from ELT/VLT to Rubin Telescope, passing through James Webb	GUARCELLO, Mario Giuseppe SCHREIBER, Laura
17:15	[90] Astrophysics and Cosmos Observation. The Italian National Centre on HPC, Big Data and Quantum Computing	BECCIANI, Ugo GHELLER, Claudio
17:30	[93] Virtual Astronomy: eXtended Reality tools to support the design of astronomical instrumentation	EREDIA, Christian
17:45	[94] Code parallelization alternatives: measuring performance portability within the Gaia AVU-GSR case study	CESARE, Valentina
17:50	[95] A new scientific era for the Northern Cross	BIANCHI, Germano
17:55	[115] Mechanical Engineering effort to support the design of Astronomical Instrumentation & Telescopes: current status and post-PNRR scenarios	Dr CIANNIELLO, Vincenzo
18:00	[34] Discussion	