



# Kick-off meeting Spoke 2 Centro HPC

## Thursday, 13 October 2022

### Parallel WP3 (15:00 - 18:05)

-Conveners: Paolo Natoli; Marco Landoni

time	[id] title	presenter
15:00	[42] Context and goals of the session	LANDONI, Marco NATOLI, Paolo
15:05	[43] INAF activities in WP3 and use cases	STAMERRA, Antonio
15:25	[44] HPC case studies for the CMB	PAGANO, Luca
15:40	[45] Turbulence everywhere: Atmosphere, Heliosphere, Cosmos	PRIMAVERA, Leonardo
16:00	[46] Machine learning techniques for multimessenger and multiwavelength astrophysics	BISSALDI, Elisabetta RAINO', Silvia
16:15	[47] Landscape and computational challenges for the LISA global fit	BUSCICCHIO, Riccardo
16:30	[56] Computing and analysis for gravitational wave searches with LIGO/Virgo/KAGRA data	PALOMBA, Cristiano
16:40	[57] Transient GW signals without templates	MILOTTI, Edoardo
16:50	[49] ML based PID (astroparticles) and GW signal detection	LENTI, Massimo
17:10	[48] HPC studies applied to astroparticle/astrophysics and gw theory	NUCITA, Achille
17:25	[50] New physics from n-point correlations of large-scale structure, gravitational waves and the cosmic microwave background	RACCANELLI, Alvise
17:40	[60] CYGNO a large TPC for dark matter and neutrino study	MAZZITELLI, Giovanni