



# Spoke 3 General Meeting

## Monday 6 May 2024

### WP1-WP2: Session 1 (10:45 - 13:00)

-Conveners: Claudio Gheller

time	[id] title	presenter
10:45	[84] Wp1-WP2 Report	PUGLISI, Giuseppe SPERA, Mario VALENTINI, Milena DELLA TORRE, Stefano
11:00	[85] ISTEDDAS: current status and key-science project	SPERA, Mario
11:15	[86] Gadget3 simulations of HI in absorption and emission: Lyman-alpha forest and 21cm	VIEL, Matteo
11:30	[112] Recent Advances on PLUTO GPU Development and astrophysical applications	MIGNONE, Andrea
11:45	[113] GPU Accelerated simulations of 2D incompressible turbulence	DE J. VALADAO, Victor
12:00	[129] Cosmica a novel CUDA code developed on the Ampere GPU architecture	CAVALLOTTO, Giovanni
12:15	[130] NP_TMcode first parallel implementation	Dr LA MURA, Giovanni
12:30	[131] Searching for orbital modulated periodic signals in radio timeseries	POSSENTI, Andrea
12:45	[132] Mercury-Arxes: next steps toward high-resolution planet formation simulations	TURRINI, Diego