



# 21st GAPS Progress Meeting

## Thursday 28 November 2024

### Planetary atmospheres: Updates - Chair: C. Di Maio - Cupola Fiore (09:00 - 10:35)

time	[id] title	presenter
09:00	[15] Introduction	NASCIMBENI, Valerio BONOMO, Aldo Stefano
09:15	[16] Molecules on the dayside of WASP-76b with GIARPS@TNG	GUILLUY, Gloria
09:30	[17] Detection of water and preliminary characterisation of the atmospheres of the two hot Jupiters KELT-8 b and KELT-23 Ab with GIANO-B	BASILICATA, Mario
09:45	[18] Sodium survey: current status and future work	SICILIA, Daniela
10:00	[21] C/O ratio of KELT-9b	D'ARPA, Mattia BORSA, Francesco FOSSATI, Luca
10:15	[19] High and low resolution retrievals of exoplanetary atmospheres with HPC and GPU	GIACOBBE, Paolo GUILLUY, Gloria

### Planetary atmospheres: Updates - Chair: D. Barbato - Cupola Fiore (11:00 - 12:15)

time	[id] title	presenter
11:00	[22] Helium in the atmosphere of V1298 Tau b	GUILLUY, Gloria
11:15	[23] Atmospheric characterisation of TOI-1518b	BIASSONI, Federico D'ARPA, Mattia
11:35	[20] Chemical Disequilibrium in Exoplanet Atmospheres: A High-Resolution Simulation Approach	AZEVEDO SILVA, Tomas
11:55	[24] Discussion	