

Agenda for Ariel Consortium Meeting - Budapest (Hotel Mercure Budapest Castle Hill)
Oct 24-27 2023

Time (CEST)	Presentation	Duration	Chair / Presenter
	Room Szent Laszlo (50p)		
9:00	Arrival / Registration	0:30	
9:30-10:45	Software, Operations, & Functional Requirements - SW Milestones with S/C (ESA)	1:15	Andrew, Roland, Anna
10:45-11:00	Coffee Break	0:15	
11:00-13:00	AIT WG (replaced the one planned for 2nd Nov) -Review of Inputs for pSM build -Review of Inputs for hardware at RAL tracking list -TBD...	2:00	Georgia
13:00-14:00	Lunch Break	1:00	
14:00-15:00		1:00	
15:00-16:15	<i>Available Slot</i>	1:15	
16:15-16:35	Coffee Break	0:20	
16:35-18:00	Mechanical Working group	1:25	Martin Whalley
18:00	End of Day 1		

Day 2 Weds 25 October

Room Szent Laszlo (50p)

9:00	Arrival / Social Catch-up		
	Plenary in session 1		
16:15-17:45	Co-PI session	1:30	
17:45	End of Day 2 Formal Sessions		
Dinner on a boat on the Danube (limited space <100 people)		Buses leave at 18:30, the dinner starts at 19:00. Dinner cruise starts at 21:00. Buses come back at ~22:00.	

Day 3 - Thurs 26 Oct

[Science session: zoom link here](#)

9:00	Arrival / Social Catch-up	0:30	
9:30-10:45	<p>Targets</p> <p>-09:30: Intro and Target List Repo Update, Billy Edwards (10 minutes)</p> <p>09:40: Updates on Phase-curves and Reassessing the Tiers, Nic Cowan (15 minutes)</p> <p>09:55: ExoClock – General Updates, Anastasia Kokori, (15 minutes)</p> <p>10:10: ExoClock – Stellar Monitoring Updates, Angelos Tsiaras, (15 minutes)</p> <p>10:25: Stellar Characterisation WG Updates, Camilla Danielski (15 minutes)</p> <p>10:40: Discussions/Buffer (5 minutes)</p>	1:15	Billy, Anastasia, Nic...
10:45-11:05	Coffee Break	0:20	
11:05-11:45	<p>11:05 PLATO Synergy Update, Giusi Micela (15 minutes)</p> <p>11:20 Planet Masses for Ariel, David Ciardi (15 minutes)</p> <p>11:35 Discussions (10 minutes)</p>	0:40	
11:45-12:30	<p>Upper-atmospheres/stellar activity</p> <p>- Intro and updates (Antonio et al.)</p> <p>- Effective multi-colour monitoring observations to assess the starspots (Mayuko, 10 min)</p> <p>- Characterisation of magnetic fields for exoplanet-hosting stars in preparation of the Ariel mission (Stefano, 10 min)</p> <p>- Atmospheric escape and metallicity evolution of planets (Yamila, 10 min)</p>	0:45	Antonio, Sudeshna, Giusi...
12:30-13:30	Lunch	1:00	
13:30-13:50	<p>Upper-atmospheres/stellar activity</p> <p>- TBC (Serena, 10 min)</p> <p>- Orbits & Ariel target monitoring (Alex, 10 min)</p> <p>- Discussion</p>	0:20	Antonio, Sudeshna, Giusi...
13:50-15:05	<p>Phase-curves and 3-D models -</p> <p>- Intro and updates (Nic, Benjamin)</p> <p>- Atmospheric retrievals of exoplanet spectroscopic phase-curves (Quentin)</p> <p>- The mid-infrared phase-curves of WASP-121 b (Giuseppe)</p> <p>- Temporal variability of exoplanet atmospheres: impact on Tier 3 observations (James)</p> <p>- Atmosphere-interior modelling and retrieval (Christian)</p>	1:15	Nic, Quentin, Benjamin, James
15:05-15:50	<p>ML group + ADC</p> <p>1. ADC Updates: Results from 2023 and Path to 2024</p> <p>2. Invited talk from ADC2023 1st place Winner (Aubin Mayeul)</p> <p>3. Searching for Novel Chemistry in Exoplanetary Atmospheres using Machine Learning for Anomaly Detection (Katia Matcheva)</p>	0:45	Gordon
15:50-16:05	Coffee Break	0:15	
16:05-17:25	<p>Complementary science</p> <p>- Intro (Subi)</p> <p>- Pierre (10 mins)</p> <p>- Billy (15 mins)</p> <p>- Sarah (10 mins, zoom)</p> <p>- Luca B. (10 mins, zoom)</p> <p>- Csaba (10 mins)</p> <p>- Mihkel (10 mins, TBC)</p>	1:20	Subi

17:25-17:55	Case contribution (15 minutes, Mark) CSA contribution (15 minutes, Nic)	0:30	Mark, Nic
17:55	end of Day 3 program		

Sightseeing tour of Budapest~2 hours.
Buses leave at 18:00 sharp.

