

18-mar

SCIENCE

Remote Connection: <https://ukri-stfc.zoom.us/j/880626063>

Starting time	Splinter / Talk Title	Speaker	Chair	Duration
10:00	Welcome + registration			00:30
10:30	Welcome and logistics	G. Micela		00:10
10:40	Updates from the SAT	G. Pilbratt	G. Micela	00:20
11:00	Science updates from consortium	G. Tinetti	G. Micela	00:20
11:20	CASE contribution to Ariel	M. Swain	G. Micela	00:20
11:40	ArielRad	L. Mugnai	G. Tinetti	00:20
12:00	Updates on Ariel target list	B. Edwards	G. Tinetti	00:20
12:20	Ephemerides drifts: preliminary results	C. Gedor	G. Tinetti	00:15
12:35	Constraints for scheduling		A. Moneti/J.C. Morales	00:30
13:05	Lunch break			01:00
14:05	Phase-curves WG		B. Charnay	00:45
14:50	Data challenge 1 - Machine Learning challenge		N. Nikolaou	00:45
15:35	Discussion			00:10
15:45	Coffee break			00:20
16:05	Data challenge 2 - Spectral retrieval WG		M. Min	00:45
16:50	Spectral retrieval WG – Updates		M. Min	00:00
16:50	ARIEL Spectral Retrievals Working Group: initial retrie	J. Barstow	M. Min	00:15
17:05	Integrating light-curve and atmospheric modelling of	K. Yip	M. Min	00:10
17:15	TBC	Q.Chanegat	M. Min	00:10
17:25	TBC	Other updates?	M. Min	00:10
17:35	Data challenge 3 - Instrument Systematics		I. Waldmann	00:45
	Data challenge 3 – scope and plans	I. Waldmann		
	Systematics simulated with ExoSIM	S. Sarkar	I. Waldmann	
	Preliminary results to challenge	A. Tsiaras	I. Waldmann	
18:20	End of day 1			

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Technical Splinters (Room 1)

[Remote Connection: https://ukri-stfc.zoom.us/j/599540380](https://ukri-stfc.zoom.us/j/599540380)

Starting time	Splinter / Talk Title	Required Attendees	Duration
09:30	Thermal control and monitoring hardware interfaces	Mauro, Gianluca, TCU tear	01:00
10:30	Introduction and aims for technical meeting, status of payload study	Paul E	00:10
10:40	Update on ESA activities and input for PL consortium	Francesco / Carsten	00:20
11:00	Coffee break		00:20
11:20	Initial comments and discussion of issues highlighted by pDCR datapack preparation	Paul / Kevin / Systems Tear	00:30
11:50	Cooler team design update & current issues	Martin	00:15
12:05	AIRS team design update & current issues	Jerome	00:20
12:25	Lunch break		01:00
13:25	FGS hardware team update & current issues	Mirek	00:20
13:45	FGS software status and current issues	Roland	00:20
14:05	FGS / CASE Interface definitions, technical questions and planning	Mirek, Mark, Jeff, Paul E	01:00
15:05	Coffee break		00:20
15:25	ICU design status and current issues	Mauro	00:15
15:40	Payload simulators and EGSE sets Splinter	Mauro, FGS, CASE & AIRS &	00:45
16:25	Calibration Source Splinter - flux requirements & stability, electrical interfaces etc	Peter H, Enzo, Berend, Giar	00:45
17:10	Plan for co-alignment between instruments during PLM and in-orbit commissioning	Paul, Alex, Enzo et al	00:50
18:00			
18:00			
18:00			
18:00			
18:00	End of day 2		

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SCIENCE splinters (Room 2)

[Remote Connection: https://ukri-stfc.zoom.us/j/857204461](https://ukri-stfc.zoom.us/j/857204461)

Starting time	Splinter / Talk Title	Speaker	Chair	Duration
09:00	Co-PI meeting - invitation only		G. Tinetti	01:30
10:30				00:30
11:00	Coffee break			00:20
11:20	Planet formation WG Disk-planet connections beyond C and O	M. Kama	D. Turrini	01:00
12:20	Discussion			00:10
12:30	Lunch break			01:00
13:30	Stellar characterisation WG: updates An online stellar limb-darkening calculator for	C. Danielski		00:30
14:00	ARIEL	G. Morello		00:15
14:15	Stellar activity: updates Characterization of the stellar activity for ARIEL targets with ground-based spectrographs Stellar activity and winds shaping the atmospheres	Serena Benatti Theresa Lueftinger	G. Micela	00:45
15:00	Coffee break			00:20
15:20	An update on recent results in exoplanet atmosphere observations	Nicolas Crouzet		00:15
15:35	The GAPS 2.0 project for characterization of exoplanetary atmospheres	G. Guilluy		00:15
15:50	Auxiliary science with ARIEL: young stars, BDs ...	K. Vida		00:15
16:05	Identifiable Acetylene Features Predicted for Young Earth-like Exoplanets with Reducing Atmospheres undergoing Late Heavy Bombardment	M. Ferus		00:15
16:20	Very Hot Super-Earths with H ₂ Atmospheres: A Model Explaining Their Paradoxical Existence	D. Moudurrista		00:15
16:35	The Exoplanet Ozone Model: studying ozone on planets orbiting M stars	Eleonora Alei		00:15
16:50	More talks /splinters ?			00:30
17:20	Discussion			00:15
17:35	End of day 2			

SOCIAL DINNER - email to rossella.muscolino@inaf.it to register

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Management splinters

Starting tim	Splinter / Talk Title	Attendance	Duration
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15:00	Coffee break		00:30
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16:30	ESA / Consortium Progress Meeting	ESA / RAL	01:00
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17:30	End of day 2		
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Technical Splinters (Room 1)

[Remote Connection: https://ukri-stfc.zoom.us/j/724641213](https://ukri-stfc.zoom.us/j/724641213)

Starting time	Splinter / Session Title	Organiser / Attendees	Duration
09:00	End-to-end optical WFE budget and requirements decomposition	Kevin / Alex / Enzo / Steve / Jerome / Piotr	01:00
10:00	Telescope assembly team design update & current issues	CSL	00:30
10:30	Coffee break		00:15
10:45	STOP Analysis Splinter	CSL / Kevin / UPM / MSSL Jerome et al / Kevin /	01:00
11:45	AIRS Interfaces splinter	Berend	00:45
12:30	Lunch break		01:00
13:30	Electrical & Electronics Splinter - Electrical ICD, Master Clock generation & time stamping	Mauro	00:45
14:15	Timing budget for FGS and data supply to AOCS	Enzo / Mirek / Mauro et al	00:45
15:00	Noise budget modelling	Enzo / Marc O / Subi	00:45
16:00	End of meeting		

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Technical Splinters (Room 2)

[Remote Connection: https://ukri-stfc.zoom.us/j/763388251](https://ukri-stfc.zoom.us/j/763388251)

Starting time	Splinter / Session Title	Organiser / Attendees	Duration
09:00	Thermal Cover Trade-Off	ESA / Paul / Georgia / Gianluca / Berend	01:30
10:30	Coffee break		00:15
10:45	Thermal Cover Trade-Off	ESA / Paul / Georgia / Gianluca / Berend	01:45
12:30			
12:30	Lunch break		01:00
13:30	NPMs Splinter (invite only) - planning for next workshop on development plan and schedule, risk register updates, management plan terms of reference	NPMs	01:00
14:30	Spare technical splinter		00:45
15:15	Spare technical splinter		00:45
16:00	End of meeting		

20-mar		Technical Splinters (Room 3)	
Remote Connection: TBA			
Starting time	Splinter / Session Title	Organiser / Attendees	Duration
09:00	Spare technical splinter		01:30
10:30	Coffee break		00:15
10:45	Calibration Working Group Splinter	Chris / Theijs	01:00
11:45	Science Ground Segment Splinter	Chris / Pino	01:00
12:45	Lunch break		01:00
13:45	Spare technical splinter		
13:45			
13:45			
13:45	End of meeting		00:20