



**Agenda**  
**PLATO Week 04**  
**20<sup>th</sup>-22<sup>th</sup> June 2017**



## PW04 Overview

Time	Tuesday 20.06.2017				
09:00-10:00	<b>PMC Plenum</b> FR4				
10:00-11:00					
11:00-12:00					
12:00-13:00					
13:00-14:30	<b>Lunch</b>				
14:30-15:00	<b>PDC/PSM Plenum</b> FB52				
15:00-16:00	<b>PL Plenum</b> FR4				
16:00-17:00					
17:00-18:00				<b>PMC Science Coord. Meeting</b> (closed session) FB54	<b>On-board data processing ATBDs</b> FB53

Time	Wednesday 21.06.2017				
09:00-10:00	<b>DPS S/W</b> FB55	Reserve		<b>MAIV</b> FB54	<b>Camera Design</b> FR4
10:00-11:00			<b>Performance</b> FB52		
11:00-12:00					
12:00-13:00					
13:00-14:30	<b>Lunch</b>				
14:30-15:00	<b>FPGA SRR Helpdesk</b> FB55	Reserve		<b>PIC</b> FB53	<b>Camera AIT</b> FR4
15:00-16:00			<b>Performance</b> (simulation tools) FB52		
16:00-17:00					
17:00-18:00					
18:00-22:30	<b>Conference Dinner</b>				

Time	Thursday 22.06.2017				
09:00-10:00	<b>Test House</b> FB52	<b>L2/L3 URD &amp; URJD</b> FB53	<b>Instr. Mgmt.</b> FB54	Reserve	Reserve
10:00-11:00					
11:00-12:00					
12:00-13:00					
13:00-14:30	<b>Lunch</b>				
14:30-15:00	Reserve	<b>PMC-Plenum (wrap-up)</b> FR4			
15:00-16:00					



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**PW 04 - Day1**

**Tue 20<sup>th</sup> June 2017; 9:00-12:20**

**PMC Plenum**

Room: FR4 (265 prs)		Chair: Anders Erikson (DLR)
Time	Title	Presenter
9:00	Introduction	A. Brandeker (SU)
9:10	PMC Overview and Status	H. Rauer (DLR)
9:30	PL Overview and Status	Schweitzer / Klebor / Wieser (OHB)
10:15	Science Performance	J. Cabrera (DLR)
10:30	<b>Coffee break</b>	
11:00	Instrument Performance	A. Börner (DLR)
11:10	PDC Overview and Status	L. Gizon (MPSSR)
11:25	PSM Overview and Status	D. Pollacco (U Warwick)
11:40	PLATO's big impact to science: PLATO & galactic archaeology	A. Miglio (tbc)
12:00	PIC - PLATO stellar Input Catalogue	G. Piotto (U Padova)
12:20	<b>End of PMC Plenum</b>	

**Tue 20<sup>th</sup> June 2017; 14:30-18:00**

**Payload Plenum**

Room: FR4 (265 prs)		Chair: Mario Schweitzer / Max Klebor (OHB)
Time	Title	Presenter
14:30	DPS & DPA	
	ICU incl. SW	
	MEU incl. DPU & SW	
	FEU incl. DPU & SW	
	Camera	
16:00	<b>Coffee break</b>	
16:30	AEU	
	F-FEE	
	N-FEE	
	FPA	
	TOU	
18:00	<b>End of Payload Plenum</b>	



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**Tue 20<sup>th</sup> June 2017; 14:30-16:00**

**PDC/PSM Plenum**

Room: FB52 (60 prs.)		Chair: TBD
Time	Title	Presenter
14:30	PDC-wide development procedures	V. Chifu (MPSSR)
15:00	PSM-wide development procedures	D. Brown (U Warwick)
15:30	PSM/PDC interfaces procedure document updates	D. Brown (U Warwick)
16:00	<b>End of PDC/PSM Plenum</b>	

**Tue 20<sup>th</sup> June 2017; 17:00-18:00**

**Splinter: PMC Science Coordinators Meeting**

Room: FB54 (40 prs)		Chair: Heike Rauer (DLR)
Time	Title	Presenter
17:00	Closed meeting – invitation only	

**Tue 20<sup>th</sup> June 2017; 17:00-18:00**

**Splinter: On-board data processing ATBDs**

Room: FB53 (60 prs)		Chair: Eric Michel (LESIA)
Time	Title	Presenter
17:00	Specification of the on-board data processing chain, ATBD progress status (10 min)	E. Grolleau (LESIA)
17:10	Onboard outlier detection algorithms (30 min)	R. Heller (MPSSR)
17:40	Initial feedback from the PSM performance evaluation (20 min)	D. Brown (U Warwick)



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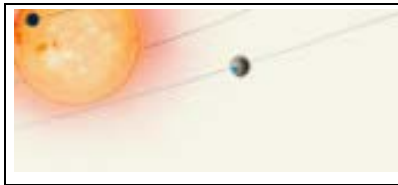
**PW 04 - Day 2**

**Wed 21<sup>st</sup> June 2017; 09:00-13:00**

<b>Splinter: DPS S/W</b>		
Room: FB55 ( 30 prs)		Chair: Gisbert Peter (DLR)
<b>Time</b>	<b>Title</b>	<b>Presenter</b>
9:00	Welcome and Introduction	All
9:10	FEE to DPU Interface Requirements	DLR, FEE & DPU teams
9:40	Data Rate between DPUs & ICU	LESIA, INAF, DLR
10:00	<b>Coffee break</b>	
10:30	Use case: Instrument Enter Standby	DLR, INAF, LESIA, All
11:30	Saturated star management	LESIA, All
11:50	SICD Status/changes	DLR, All
12:10	AoB	All

**Wed 21<sup>st</sup> June 2017; 10:00-13:00**

<b>Splinter: Performance</b>		
Room: FB52 (60 prs.)		Chair: Börner/Cabrera (DLR)
<b>Time</b>	<b>Title</b>	<b>Presenter</b>
10:00	Questions w.r.t. the plenum talk	A. Börner (DLR)
10:15	Open issues - Parameters - Mitigations - Optimizations	A. Börner (DLR)
10:50	Coordination with PDC, PSM - How to collaborate, exchange information/ data?	J. Cabrera (DLR)
11:00	PLATO input catalogue progress	Piotto/Montalto (Padova)
11:30	<b>Coffee break</b>	
12:00	Updates in pointing requirements	J. Cabrera (DLR)
12:15	Science Performance Assessment in preparation for IPDR	J. Cabrera (DLR)
12:30	Talk on CHEOPS performance	A. Fortier (U Bern)



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**Thu 21<sup>nd</sup> June 2017; 9:00-13:00**

<b>Splinter: MAIV</b>		
Room: FB54 (40 prs)		Chair: Alessandro Orlandi (OHB)
<b>Time</b>	<b>Title</b>	<b>Presenter</b>
9:00	Introduction and agenda fine tuning	OHB
9:10	Production and Installation of MLI and Shielding	OHB
9:20	Status, critical points and way forward for INTA+MSSL MAIV Plan	INTA
10:20	GSE summary status, Product Tree and Consolidation of roles (i.e. simulators)	OHB
11:00	<b>Coffee break</b>	
11:20	Use of DOORS for Requirements and Verification Planning within the PMC	OHB
11:45	MTD summary status and consolidation of roles for integration/verification	OHB
12:00	Definition of milestones for: <ul style="list-style-type: none"> <li>- GSE Specifications release</li> <li>- TH GSE Concept MAIV Plans</li> </ul> MAIV Plans	OHB
12:10	Logistic Flow & VSM status - critical outcomes and planning of next steps	OHB
12:15	Status of replies to cleanliness inquiries and way forward	OHB
12:30	Wrap-up and MoM finalization	OHB

**Wed 21<sup>st</sup> June 2017; 09:00-13:00**

<b>Splinter: Camera Design</b>		
Room: FR4 (265 prs)		Chair: Valery Mogulsky (OHB)
<b>Time</b>	<b>Title</b>	<b>Presenter</b>
9:00	Modification of the Optical Design: changes, consequences, performance impact	INAF
9:45	Radiation darkening of glasses: status, planning and schedule	INAF
10:00	Baffle assembly: status, planning	INAF
10:15	TOU gluing approach: baseline, qualification and validation status, planning	INAF
10:30	TOU input to Loop 2: status, open points, delivery dates	INAF
10:45	TOU-FPA I/F: loads	OHB



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11:00	FPA bipods: update on the design, bipods stresses	INTA/LIDAX / OHB
11:20	Spherical washers: advantages and disadvantages, experience, clarifications	UBE
11:50	FPA input to Loop 2: status, open points, delivery dates	INTA/LIDAX
12:00	Camera EMC shielding	OHB
12:10	MGSE between FPA and FEE: status, open points, way forward	INTA/LIDAX
12:20	N-FEE: - mechanical design update, flex bending test - input to Loop 2: delivery dates - electrical design and bread boarding: status, open points, schedule	MSSL
12:40	F-FEE: status, open points, delivery dates, schedule	DLR
<b>Coffee break ~10:30</b>		

**Wed 21<sup>st</sup> June 2017; 14:30**

<b>Splinter: FPGA SRR helpdesk</b>		
Room: FB55 (30 prs)		Chair: Max Klebor (OHB)
Time	Title	Presenter
14:30	Helpdesk for FPGA SRR questions	
16:00	<b>Coffee break</b>	

**Wed 21<sup>st</sup> June 2017; 16:00-17:00**

<b>Splinter: Performance (simulation tools)</b>		
Room: FB52 (60 prs)		Chair: Carsten Paproth (DLR)
Time	Title	Presenter
16:00	PLATOSim scope, status, schedule & simulator policy	J. De Ridder (KUL)
16:15	Phaedrus scope, status & schedule	P. Gutiérrez-Marqués (MPSSR)
16:30	PIS & AWSsim: scope, status & schedule	E. Grolleau (LESIA)
16:45	General questions on models and simulations: <ul style="list-style-type: none"> <li>• Coherent simulator policy</li> <li>• Avoiding duplication of work</li> <li>• Consistency of results</li> </ul>	Börner / Cabrera (DLR)



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**Wed 21<sup>st</sup> June 2017; 14:30-17:00**

**Splinter: PIC**

Room: FB53 (60 prs)		Chair: Giampaolo Piotto (U Padova)
Time	Title	Presenter
14:30	General presentation and update	G. Piotto (U Padova)
14:40	PIC content	Montalto (U Porto)
15:00	Discussion	All
16:00	<b>Coffee break</b>	

**Wed 21<sup>st</sup> June 2017; 14:30-17:00**

**Splinter: Camera AIT**

Room: FR4 (265 prs)		Chair: Valery Mogulsky (OHB)
Time	Title	Presenter
14:30	Update on the AIT activities at CSL	CSL
15:00	OGSE: parameters, components	U Lisbon
15:20	Camera hoisting and GSE ring	OHB
15:40	TOU tests and verifications: - table of characterisation data, tests, requirements verified by tests - including at what models, how many points etc	INAF
16:10	FPA tests and verifications: - table of characterisation data, tests, requirements verified by tests - including at what models, how many points etc	INAF
16:40	N-FEE tests and verifications: - table of characterisation data, tests, requirements verified by tests - including at what models, temperatures, configuration (with CCD or not), etc.	MSSL
<b>Coffee break ~16:00</b>		



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**PW04 - Day 3**

**Thu 22<sup>nd</sup> June 2017; 09:00-13:00**

<b>Splinter: Test House</b>		
Room: FB52 (60 prs)		Chair: Vandebussche (KU Leuven) / Pertenais (DLR)
Time	Title	Presenter
9:00	Camera calibration and characterisation plan: - C&C requirements at camera level - Needed tests - Configurations, GSE, models involved Discussion	M. Pertenais (DLR)
9:45	CAM Test Specification: update, overview, open points	B. Vandebussche(KUL)
10:15	<b>Coffee break</b>	
10:45	PMC comments to the CAM Test Specification - environmental tests, vibration , shocks, are part of this session	All, KUL to lead
11:30	Updates from each of three Test Houses: - TV facility status (1 slide suggested) - GSE developments and concepts (max 3 slides suggested) - Activity planning Test Houses, see A2 – A3 – A4 MoM 111 and revision May 10th (1 Slide suggested)	IAS, SRON, INTA

**Thu 22<sup>nd</sup> June 2017; 9:00-13:00**

<b>Splinter:L2/L3 URD &amp; URJD</b>		
Room: FB53 (60 prs)		Chair: David Brown (U Warwick)
Time	Title	Presenter
09:00	Current status of the L2 / L3 documents	D. Brown (U Warwick)
09:30	Building requirements	TBD
10:15	<b>Coffee break</b>	
10:45	Discussion of exoplanet science requirements	
11:15	Discussion of stellar science requirements	
11:45	Wrap-up	D. Brown (U Warwick)





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**Thu 22<sup>nd</sup> June 2017; 9:00-13:00**

<b>Splinter: Instrument Management</b>		
Room: FB54 (40 prs.)		Chair: Max Klebor (OHB)
Time	Title	Presenter
9:00	B2 logic & schedule (shall be discussed & iterated with individual parties before the splinter)	
10:00	Open question & answer session to discuss general management issues raised by the consortium	
10:30	<b>Coffee break</b>	

**Thu 22<sup>nd</sup> June 2017; 14:30-16:00**

<b>PMC-Plenum</b>		
Room: FR4 (265 prs)		Chair: Anders Erikson (DLR)
Time	Title	Presenter
14:30	Summary and Wrap up	