



**Agenda
PLATO Week 05
October 24-26, 2017**



PW 05 - Day1

Tue October 24th, 2017; 9:00-10:30

PMC Plenum

Room: 022		Chair: Anders Erikson (DLR)
Time	Title	Presenter
9:00	Welcome & Organisation	N. Santos (CAUP)
9:10	PMC Overview and Status	H. Rauer (DLR)
9:25	PP Overview and Status	M. Schweitzer (OHB)
9:40	PDC Overview and Status	R. Burston (MPSSR)
9:55	PSM Overview and Status	D. Pollacco (U Warwick)
10:10	Discussion on future PW structure	H. Rauer (DLR)
10:30	End of PMC Plenum - Coffee Break	

Tue October 24th, 2017; 11:00-16:00

PP Plenum

Room: 022		Chair: Schweitzer / Klebor (OHB)
Time	Title	Presenter
11:00	Instrument Management & System Engineering	OHB
11:15	Camera	OHB
11:30	F-FEE	DLR
11:45	N-FEE	MSSL
12:00	FPA	INTA
12:15	TOU	INAF & UBE
12:30	AEU (N&F)	C3S
12:45	DPS	DLR
13:00	Lunch	
14:30	ICU incl. SW	INAF
14:45	MEU incl. DPU & SW	IAA/IAC + LESIA
15:00	FEU incl. DPU & SW	DLR
15:15	DPA	LESIA
15:30	End of the PP Plenum – Coffee Break	

Please report progress, changes, issues and status since the ESA progress meeting in September only. 10 minutes presentation max. plus 5 minutes of discussion.



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Tue October 24th, 2017; 11:00-13:00

PDC/PSM Plenum I		
Room: 204		Chair: Burston (MPSSR) / Brown (U. Warwick)
Time	Title	Presenter
11:00	Introduction	D. Brown (U. Warwick) / R. Burston (MPSSR)
11:15	CHEOPS Data Processing	O. Demangeon (LAM/Porto)
11:45	ATBD Review Procedure	D. Brown (U. Warwick)
12:10	PDC Data Content	R. West (U. Warwick)
12:40	PDC/PSM Schedule	J. Knoche (MPSSR)
13:00	End of PDC/PSM Plenum I - Lunch	

Tue October 24th, 2017; 16:00-19:00

Splinter: Camera Design		
Room: 022		Chair: Valery Mogulsky (OHB)
Time	Title	Presenter
16:00	Camera straylight control: requirements, concept, status, planning	OHB
16:30	Update on the TOU straylight analysis (optional, if available)	INAF
16:45	Camera Loop 2 status	OHB
16:55	Exchange of inputs: models, documentation, checks	OHB
17:10	Definition of F-CAM filters	OHB / DLR
17:25	Break	
17:40	PSF performance analysis: requirements, modeling, status, responsibilities	OHB
18:00	F-FEE structural design status	DLR
18:15	FPA design: CCD pre-tensioning measurement	INTA / LIDAX
18:30	N-FEE mechanical and structural design: update on status, connector modification	MSSL
18:45	Wrap-up	All
19:00	End of Camera Design Splinter	



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Tue October 24th, 2017; 16:00-19:00

Splinter: Instrument Management & iPDR preparation

Room: 205		Chair: Max Klebor (OHB)
Time	Title	Presenter
16:00	Payload schedule baseline phases B2/CD	
16:45	iPDR procedure and PMC contribution including iPDR documents and iPDR objectives	
17:30	Technology & Development plan/planning	
17:45	AIV plans / planning	
18:00	Configuration Management	
18:15	ESA Progress reporting / progress meetings	
18:30	AOB & Minutes of meeting	
18:45	End of the Instrument Management Splinter	

Tue October 24th, 2017; 14:30-18:00

Splinter: WP36/WP11 (and interfaces)

Room: 204		Chair: Nic Walton (IoA)
Time	Title	Presenter
14:30	PDC Schedule	J. Knoche (MPSSR)
14:45	PDC-DB / interfaces to WP36	J. Knoche (MPSSR)
15:00	WP11 (Exoplanet Science) - Baseline Algorithms / L2 URD (updates post Berlin Jul 17 workshop)	D. Brown (U Warwick)
15:20	WP36 Status	N. Walton (IoA)
15:40	Coffee Break	
16:10	WP362 Tools + Architecture	G. Rixon / F. De Angeli/ R. West
16:30	WP363 Interfaces and Evaluation	M. Deleuil (LAM)
16:45	WP364/365/366 - LC processing/ Candidate Detection & Ranking	S. Hodgkin (IoA)
17:00	WP367 Parameter Determination	A. Santerne (LAM)
17:30	Next Steps development / input to reviews	N. Walton (IoA)
18:00	End of the WP36/11 Splinter	



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Tue October 24th, 2017; 14:30-19:00

Splinter: WP12 Contributions to Various Documents

Room: 222		Chair: Marie-Jo Goupil (OBSPM)
Time	Title	Presenter
14:40	Introduction: open issues	M.-J. Goupil (OBSPM)
15:00	Actions: where are we?	M.-J. Goupil (OBSPM)
15:15	WP120 website	K. Belkacem (OBSPM)
15:30	Coffee Break	
15:55	URDs: update	
16:15	PDC point of view	H. Ballans (IAS)
17:00	Pipelines for classical stellar parameters	T. Morel (Liege)
17:30	Pipelines WP124: discussion	M. Cunha (Porto)
18:00	Surface effects prescriptions	J. Ballot (IRAP)
18:20	Wrap-up: definition of actions	-
18:50	End of the WP12 Splinter	



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PW 05 - Day 2

Wed October 25th, 2017; 09:00-12:30

Splinter: MAIV		
Room: 022	Chair: Alessandro Orlandi (OHB)	
Time	Title	Presenter
9:00	Model Philosophy - updated table	OHB
9:20	CAM flight spare testing	OHB
9:40	MTD Supply update	OHB
9:55	Manipulation ring	OHB
10:15	Instrument AIV	OHB
10:30	Coffee Break	
11:00	CAM TC update	OHB
11:10	STM Sharing within PMC	OHB
11:20	GSE Skeleton planning from CSL and THs	OHB, input from THs
11:35	PA Topics	OHB
11:45	AOB + Wrap-up and MoM consolidation	OHB
12:30	End of the MAIV Splinter - Lunch	

Wed October 25th, 2017; 09:00-12:30

Splinter: Electronic		
Room: 222	Chair: Karsten Westerdorff (DLR)	
Time	Title	Presenter
9:00	FEE-DPU IRD Update / Saturated Stars TN	K. Westerdorff (DLR)
10:00	Cold-Spare LVDS Repeater Options	M. Steller (IWF)
10:30	Coffee Break	
11:00	FDIR and Power-On/Off Hardware-Procedures	K. Westerdorff (DLR)
12:30	End of the Electronic Splinter	



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Wed October 25th, 2017; 09:00-12:30

Splinter: TOU		
Room: i01	Chair: Valery Mogulsky (OHB)	
Time	Title	Presenter
9:00		
10:30	Coffee Break	
12:30	End of the TOU Splinter	

Wed October 25th, 2017; 9:00-12:30

Splinter: Performance		
Room: 205	Chair: Anko Börner/ Juan Cabrera (DLR)	
Time	Title	Presenter
9:00	parameter data package	
9:30	performance status	
10:00	use cases / optimizations/ mitigation options	
10:30	Coffee Break	
11:00	cross-check of models	
11:30	discussion	
12:30	End of the Performance Splinter	

Wed October 25th, 2017; 9:00-12:30

Splinter: PIC		
Room: 204	Chair: Giampaolo Piotto (U. Padova)	
Time	Title	Presenter
9:00	The PIC	G. Piotto (U. Padova)
9:10	PIC_v0.2: selection criteria & extensions	M. Montalto (U. Padova)
9:50	PIC_v0.2: the structure	P. Marrese (ASDC) / M. Montalto (U. Padova)
10:30	Coffee Break	



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11:00	Field selection criteria: open discussion	V. Nascimbeni (Padova)
11:30	Contaminant analysis	U. Kolb / P. Rowden (Open University)
11:55	Scientific validation of the PIC	V. Adibekyan (Porto)
12:15	The PIC after Gaia DR2	P. Marrese (ASDC)
12:30	End of the PIC Splinter -- Lunch	

Wed October 25th, 2017; 14:00-17:00

Splinter: Camera AIT		
Room: 022		Chair: Valery Mogulsky (OHB)
Time	Title	Presenter
14:00	TOU Prototype campaign: status, test plans, expected outputs	INAF, 15min
14:15	FPA AIT: update on integration flow and testing, number of connector mating	INTA, 30min
14:45	FPA Prototype testing: short overview of test activities, interaction with MSSL	INTA, 20min
15:05	Update on camera alignment requirements	OHB, 20min
15:30	Coffee break	
16:00	Camera OGSE modification (optional, if complete)	OHB, 20min
16:20	Update on camera integration and testing procedure and GSE	CSL, 25min
16:45	Wrap up	All
17:00	End of Camera AIV Splinter	

Wed October 25th, 2017; 14:00-17:00

Splinter: DPS S/W		
Room: 222		Chair: Bernd Ulmer (DLR)
Time	Title	Presenter
14:00	Instrument/SW Use Cases	
15:30	Coffee Break	
16:00	Instrument and sub-system modes	
16:30	AOB (e.g. data compression)	
17:00	End of the DPS Splinter	



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Wed October 25th, 2017; 14:00-17:00

Splinter: Simulation/Simulators		
Room: 205		Chair: Pablo Gutierrez-Marques (MPSSR)
Time	Title	Presenter
14:00	Simulation concept from the PMC SIP	P. Gutiérrez-Marqués (MPSSR)
14:15	Recent updates to PlatoSim3 -	J. De Ridder, (KUL)
14:30	Recent updates to PIS -	R. Samadi (LESIA)
14:45	Simulation tools at DLR-Berlin -	A. Boerner (DLR)
15:10	Discussion: Cross-validation opportunities for the on board simulators	All
15:30	Coffee Break	
16:00	First operational version of Phaedrus	V. Chifu (MPSSR)
16:15	Updates on the ASWsim	R. Samadi (LESIA)
16:30	Discussion: Cross-validation opportunities for the data processing simulators	
17:00	End of the Splinter	

Wed October 25, 2017; 14:00-17:00

Splinter: PIC + Interfaces PIC / PSM		
Room: 204		Chair: Giampaolo Piotto (U Padova)
Time	Title	Presenter
14:00	Target Ranking	A. Sozzetti (Torino)
14:25	Preparatory observations	J. Weingrill (AIP)
14:40	Synergy with the Performance Team	J. Cabrera (DLR)
15:05	Asteroseismology Requests	M.-J. Goupil (OBSPM)
15:30	Coffee Break	
16:00	Follow-up Requests	S. Udry (Geneva)
16:20	Input from TESS	M. Deleuil (LAM)
16:40	Single Target Additional Data	A. Santerne (LAM)
17:00	End of the PIC + Interfaces PIC / PSM Splinter	



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PW05 - Day 3

Thu October 26th, 2017; 09:00-12:30

Splinter: Test House		
Room: 022		Chair: Vandenbussche (KU Leuven) / Pertenais (DLR)
Time	Title	Presenter
9:00	Agenda and objectives	Bart (KUL)
9:10	TV Calibration requirements: Microscanning (Paris AI#4), Focus as f(T) calibration optimisation (Paris AI#1)	Thierry(IAS)
9:35	PSF / EEF sampling	Pierre (KUL)
9:50	CAM test specification and AIV plan updates (Paris AI#2, 6, 18)	Bart (KUL)
10:05	CAM-OGSE alignment (Paris AI#10, 11, 12)	Gonzalo (INTA)
10:20	Coffee Break	
10:35	Collimator design PSF quality impact (Paris AI#5)	Martin (DLR)
10:50	Collimator specification (Paris AI#9)	Bart (KUL)
11:05	Discussion: TV OGSE development plan	SRON/IAS/INTA
11:20	TEB design progress (Paris AI#14, AI#15)	Thierry (IAS)
11:35	FoV scanning mechanism (Gimbal or alternatives) - IAS/INTA view	Thierry (IAS), Gonzalo (INTA)
11:50	Common camera EGSE	Rik (KUL)
12:05	Schedule	Alessandro (OHB), IAS, INTA, SRON, KUL
12:20	Conclusions of the day, minutes	Bart (KUL)
12:30	End of Test house Splinter - Lunch	

Thu October 26th, 2017; 09:00-12:30

Splinter: PA (H/W+S/W)		
Room: 222		Chair: C. Wimmer (OHB) / O. Maibaum (DLR)
Time	Title	Presenter
9:00	Welcome and introduction	C. Wimmer (OHB)
9:15	PARD Update - Mayor changes and impact - Tailoring for units & Instrument PA Plan - Timeline for Compliance Status	C. Wimmer (OHB)
9:45	PA Management of PMC - Organization and way forward (Mailing list, reporting, Kick-off workshop) - MIP/KIP Planning	C. Wimmer (OHB)



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	<ul style="list-style-type: none"> - Set-up ESA DMPL Tool (Roles, Responsibilities, MPCB Planning) - EEE Parts (DCL): Status of Lists, CPPA & PCB Planning) 	
10:30	Coffee Break	
11:00	Roadmap to IPDR <ul style="list-style-type: none"> - PA Needs at Instrument Level - Input Units: Safety, Dependability, FDIR, Reliability, FMECA 	C. Wimmer (OHB)
11:15	Cleanliness	C. Wimmer (OHB)
11:30	Questions/Discussion	C. Wimmer (OHB)
12:00	S/W PA	O. Maibaum (DLR)
12:30	End of the PA Splinter	

Thu October 26th, 2017; 9:00-11:00

Splinter: Data processing algorithms up to L1

Room: 204		Chair: Eric Michel (LESIA)
Time	Title	Presenter
9:00	Feedbacks from the DPA-WG meeting #10	R. Samadi (LESIA)
9:25	Status of the on-board ATBDs and PSM feedbacks	R. Samadi / E. Grolleau (LESIA)
9:40	Definition of (on-board) weighted mask and mitigation of the star contamination	V. Marchiori (LESIA)
10:00	On-board outliers detection	R. Heller (MPSSR)
10:15	Photometry of saturated stars (TBC)	T. White (Aarhus)
10:30	End of Splinter - Coffee Break	

Thu October 26th, 2017; 9:00-10:30

Splinter: Interfaces PIC / PDC

Room: 205		Chair: Giampaolo Piotto (U. Padova)
Time	Title	Presenter
9:00	PSM-PDC interface	P.M. Marrese (SSDC)
9:20	PIC interface to Preparatory & Follow-Up DB Management	M. Deleuil (LAM)
9:35	PDC-DB:PDC internal interfaces relevant to PIC	J. Knoche (MPSSR)
9:55	PIC Input to the Exoplanet Analysis System	S. Hodgkin (IoA)
10:15	PIC Input to Stellar Analysis System	H. Ballans (IAS)
10:30	End of the Interfaces PIC / PDC Splinter - Coffee Break	



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Thu October 26th, 2017; 11:00-12:30

PDC/PSM Plenum II		
Room: 204	Chair: Burston (MPSSR) / Brown (U. Warwick)	
Time	Title	Presenter
11:00	PDC/PSM Schedule continued	J. Knoche (MPSSR)
	AOB	
12:30	End of PDC/PSM Plenum II	

Thu October 26th, 2017; 12:30-13:00

PMC-Plenum		
Room: 022	Chair: Anders Erikson (DLR)	
Time	Title	Presenter
12:30	Summary and Wrap up	All
13:00	End of PMC Plenum and PW05	