

Day 1 - Monday, 13/10/2025 - Opto-mechanical design and analysis				
Start	Stop	Title	Speaker	Affiliation
13:45	14:00	Introduction	V. Kirschner & L. Soulat	ESA
Session #1-1		STOP analysis modelling I	<i>Session Chairs:</i>	
14:00	14:20	Further development of European Thermo-Elastic Verification Guidelines	Simon Appel	ESA
14:20	14:40	STOP analysis for the CLIM instrument; Application and lessons learned	Joris Feijen	ATG Engineering
14:40	15:00	STOP-based computational design for opto-mechanical performance	Robin Looman	TNO
15:00	15:20	A European integrated software solution for STOP analysis	Pascal de Vincenzo	Open Engineering
15:20	16:00	Coffee break		
Session #1-2		STOP analysis modelling II	<i>Session Chairs:</i>	
16:00	16:20	Improved design and simulation tools for additive manufactured flexures in opto-mechanical assemblies	Alexander Kuisl	OHB
16:20	16:40	The EnVisS camera Filter Strip Assembly Qualification test, a Finite Element Analysis	Carmen Naletto	CISAS-CNR
16:40	17:00	Finite element modelling of the mounting effects on large aluminium mirrors: the ARIEL primary mirror case	Simone Nordera	Leonardo
17:00	17:20	CubeSpec: Optomechanical design of a high-resolution cross-dispersed echelle spectrograph	Julien Storm	KU Leuven
17:20	18:00	Discussion		

Day 2 - Tuesday, 14/10/2025 - Opto-mechanical design and analysis				
Start	Stop	Title	Speaker	Affiliation
08:50	09:00	Introduction day 2	L. Soulat	ESA
Session #1-3		Design solutions for large payloads	<i>Session Chairs:</i>	
09:00	09:20	Large Mirror Design – On-going Ultralight Mirror TDE	Adiren Pavageau	Airbus Defence and Space
09:20	09:40	Deployable and active telescope using tape spring booms	Damien Sucher	Thales Alenia Space
09:40	10:00	Innovative opto-mechanical designs for high resolution thermal IR imaging	Ian Parry	SuperSharp Space Systems
10:00	10:20	Reversible Upgrade of the XACT Beamline at INAF Palermo: From X-ray Filter Testing to Cryo-Vacuum Facility for VIS/IR Space Optics	Elisa Guerriero	INAF
10:20	10:50	Coffee break		
Session #1-4		Innovative design solutions I	<i>Session Chairs:</i>	
10:50	11:10	A novel LiDAR laser platform for aviation and space	Bastian Gronloh	RUPHOS
11:10	11:30	Mechanical design of a compact high-resolution TIR objective for the MORERA mission	Clement Charuel	LIDAX
11:30	11:50	Development of an AEOLUS-2 Beam Steering Mirror with high pointing stability and resolution	Julien Rouvinet	CSEM
11:50	12:10	Development of an innovative mounting structure for refractive components and systems for passive compensation of thermal defocus	Johannes Frasch	IOF
12:10	12:30	Multifunctional Surface Engineering for Space Optics: Combining Straylight Control, Structural Bonding, and ATOX Resistance	Chen Orenshtein	Acktar
12:30	13:00	Discussion		
13:00	14:00	Lunch		
Session #1-5		Innovative design solutions II	<i>Session Chairs:</i>	
14:00	14:20	Back-Telescope for the CAIRT mission - A design example for efficient manufacturing of a freeform-mirror-telescope with the snap-together method	Susanne Nikolov, Nils Heidler	Airbus Defence and Space, IOF
14:20	14:40	FFOCUS: Diffraction limited, fast, compact, wide field of view, VNIR novel optical payload with curved detector and narrow band filters for hyperspectral imaging	Paolo Sandri	OHB
14:40	15:00	Smart Telescope product line, end of development and first return of experience in space.	Romain Auribault	Thales Alenia Space
Session #1-6		Innovative design solutions III	<i>Session Chairs:</i>	
15:00	15:20	Exoplanet explorer – A single spacecraft nulling interferometer	Jerome Loicq	TU Delft
15:20	15:40	The HyperScout instrument design activities for Earth Observation and interplanetary missions	Marco Esposito	Cosine
15:40	16:00	Innovative OGSEs for the alignment of the CHIME Telescope and Spectrometers	Anthony Fortin	TNO
16:00	16:30	Coffee break		
Session #1-7		New software tools and analysis methodologies	<i>Session Chairs:</i>	
16:30	16:50	Impact of tolerances on straylight for high volume optical communication terminals	Bernhard Michel	Hembach Photonik
16:50	17:10	Streamlined Modeling and Optimization of Optical Designs for Extreme Environments with Complete System-Level Image Simulation	Daniela Ponce	Synopsys
17:10	17:30	From Low- to Mid-Spatial Frequencies Surface Error: a deterministic analysis approach	Matteo Buresia	Leonardo
17:30	17:50	On the Impact of Mid-Spatial Frequency Errors: Insights from a Spectrometer Case Study	Tiberiu Ceccotti	TNO
17:50	18:00	Discussion and wrap-up		
18:00	19:30	Reception and Poster session for topics "Opto-mechanical design and analysis" and "Spin-in : Non-Space Technologies for Space Optics"		

Day 2 - Tuesday, 14/10/2025 - Opto-mechanical design and analysis & Spin-in: Non-Space Technologies for Space Optics - Posters

Start	Stop	Title	Author	Affiliation
Session #1-8		Posters		
18:00	19:30	Silicon Pore Optics: A Game-Changer for X-ray and soft-gamma ray Astronomy	Nicolas Barrière et al	COSINE B.V.
18:00	19:30	Integrated model of a high order active segmented mirror for space telescopes	Chiara Scandaglia et al	INAF
18:00	19:30	Mass Budget Analysis of a voice-coil Active Mirror for Space Telescopes	Matteo Menessini et al	INAF
18:00	19:30	Reflective dual field-of-view optical system	Lucas Zettlitzer et al.	IOF
18:00	19:30	Qualified optomechanical components and systems for spaceborne LiDAR applications	Heinrich Faidel	Fraunhofer Institute for Laser Technology
18:00	19:30	DaedalusCAM: an immersive stereoscopic camera for lunar cave exploration	Carmela Agnese De Donno et al.	Planetek
18:00	19:30	HYPSES-EO NEW OPTO-MECHANICAL DESIGN AND ANALYSIS	Igor Dorgnach et al.	EIE GROUP Srl
18:00	19:30	Free-Space Setup for Metropolitan Hybrid-Channel Entanglement Distribution with Off-the-Shelf Components.	Breno Perlingeiro et al.	TNO
18:00	19:30	Enhancing Straylight Suppression in Cryogenic IR Instruments: Optimization of Fractal Black Coatings	Chen Orenshtein et al.	Acktar
18:00	19:30	Verification of spectral performance and straylight level on a Sun polychromator for the TRUTHS mission	Eneko Reina Velasco et al.	SENER Aerospace&Defense