

Sunday, 11 October 2026

PROGRAMME AT A GLANCE

TIME	
18:00–20:00	Pre-registration Cocktail

Monday, 12 October 2026

PROGRAMME AT A GLANCE

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
08:00–09:30	Registration			
09:30–10:00	Opening Talks			
10:00–10:50	The Habitable Worlds Observatory: Technology & Architecture Development Michael McElwain, NASA/Goddard Space Flight Center, USA			
10:50–11:20	Morning Coffee Break, Day 1			
11:20–12:40	Hyperspectral Imagers	Lidars & Technologies	Precision Metrology	Current and Future Optical Communication Missions 1
12:40–14:00	Lunch, Day 1			
14:00–15:20	Spectrometers for Detection of CO ₂	Detector Manufacturers: Recent Highlights and Roadmaps	Power Photonics, Sensors and PICs	Quantum Communication 1
15:20–16:20	Exhibition and Poster Session 1			
16:20–17:40	Telescope Manufacturing Technology 1	Nulling Interferometry & Coronagraphy	Passive Optical Components 1: Polarization	The role of Space Optics in the new era of an enhanced security environment

Tuesday, 13 October 2026

PROGRAMME AT A GLANCE

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
09:00–09:10	Tuesday Opening			
09:10–10:00	Optics in ESA’s Earth Observation Programme Christophe Buisset, ESA/ESTEC, The Netherlands			
10:00–10:50	Agencies’ Roadmaps ASI / DLR			Turbulence Mitigation Techniques 1a
10:50–11:20	Morning Coffee Break, Day 2			
11:20–12:40	Image Processing, Image Design & Scanning	GHG Lidars	Quantum Technologies for Metrology	Current and Future Optical Communication Missions 2
12:40–14:00	Lunch, Day 2			
14:00–15:20	Spectrometers: Mission & Development Status 1	Cameras and ASICs	Digital Photonics	Enabling Technologies for Optical Communication
15:20–16:20	Exhibition and Poster Session 2			
16:20–17:40	Telescopes Performance and WFE 1	Astrometry, Photometry, Calibration	Metrology	Channel Monitoring and Forecasting 1

Wednesday, 14 October 2026

PROGRAMME AT A GLANCE

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
09:00–09:10	Wednesday Opening			
09:10–10:00	Space Optics Activities in Japan Yosuke Nakamura, JAXA, Japan Aerospace Exploration Agency			
10:00–10:50	Telescopes Performance and WFE 2	Lasers for Metrology and Optical Comms	Innovative Optical Sensing	Turbulence Mitigation Techniques 1b
10:50–11:20	Morning Coffee Break, Day 3			
11:20–12:40	Multispectral Imagers & Characterisation	Lasers for Atmospheric GHG Lidars	Calibration	Quantum Communication 2
12:40–14:00	Lunch, Day 3			
14:00–15:20	Spectrometers: Mission & Development Status 2	Detectors: Optical Communications and Radiation Effects	Analog Photonics	Optical Ground Stations 1
15:20–16:20	Exhibition and Poster Session 3			
16:20–17:40	New Athena and X-ray Optics 1	OGSE	Passive Optical Components 2: Gratings	Feeder Links
18:00–19:00	Workshop on Spatial Light Modulators			

Thursday, 15 October 2026

PROGRAMME AT A GLANCE

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
09:00–09:10	Thursday Opening			
09:10–10:00	Deep Space Optical Communication: Infusion Challenges Moving from Demonstrations to Operations Abhijit Biswas, NASA/Jet Propulsion Laboratory, USA			
10:00–10:50	Telescope Manufacturing Technology 2	Analog Photonics 2	Passive Optical Components 6: Advanced Optical Manufacturing	Deep Space Optical Communication 1
10:50–11:20	Morning Coffee Break, Day 4			
11:20–12:40	Polarized Imaging & Radiometers	Laser for Metrology and Optical Clocks	Modelling	Deep Space Optical Communication 2
12:40–14:00	Lunch, Day 4			
14:00–15:20	Spectrometers: Science Applications	Detector Performance in Space Missions	Optical Amplifiers & PICs for FSO	Optical Ground Stations 2
15:20–16:20	Exhibition and Poster Session 4			
16:20–17:40	New Athena and X-ray Optics 2	Mirror and IR Technologies	Passive Optical Components 3: Metasurfaces	PAT and Receiver Technologies
19:00–23:00	Conference Dinner			

Friday, 16 October 2026

PROGRAMME AT A GLANCE

TIME	TRACK 1	TRACK 2	TRACK 3	TRACK 4
09:00–09:10	Friday Opening			
09:10–10:00	Optics in ESA’s Space Science Programme Marcos Bavdaz, ESA/ESTEC, The Netherlands			
10:00–10:50	Leveraging Optical Technologies from Ground to Space: ESO’s Perspective Samuel Leveque			
10:50–11:20	Morning Coffee Break, Day 5			
11:20–12:40	Spectrometer Design & Performance 1	Lasers for LISA and Remote Sensing	Straylight	Optical Intersatellite Links
12:40–14:00	Lunch, Day 5			
14:00–15:20	Telescope Design	Passive Optical Components 4: Coatings 1	Optical Amplifiers for Optical Communication	Channel Monitoring and Forecasting 2
15:20–15:50	Exhibition Coffee Break			
15:50–17:30	Spectrometer Design & Performance 2	Passive Optical Components 5: Coatings 2	Turbulence Mitigation Techniques 2	Quantum Communication 3
17:30–18:20	Special Guest Talk: Sensing the Breath of Earth from Space Salvatore Stramondo, Italian National Institute of Geophysics and Volcanology			