

Scientific Programme | Monday 23

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9
13:30-15:10	A1.02 Sentinel-5P Mission - latest Calibration/Validation Results	B2.03 CryoSat: 12 years in space of ESA's ice mission	A8.04 Ocean Health	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	B1.06 Sentinel-1 mission performance and product evolution	A10.01 Our Solid Earth: From Core to Surface	B1.02 Advances in calibration of optical passive imaging sensors	A3.01 Towards global rangeland monitoring using Sentinel-1/2/3	Press Conference
15:40-17:20	B3.01 ALTIUS	A9.01 Continuity in Cryosphere observation: from Cryosat to CRISTAL	A8.04 Ocean Health	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	B8.03 Synergistic exploitation of Copernicus Sentinels: examples of applications	A10.01 Our Solid Earth: From Core to Surface	B3.03 PROBA-V and PV-CC	A3.09 Phenology from Earth Observation - Methods, Science & Applications	Press Conference
17:30-19:00	Poster Session & Ice Breaker								
	Room 10	Room 11	Room 12	Room 13	Room 14			Plenary	
13:30-15:10	A2.01 Biodiversity	B1.03 Present and future of Validation for Optical Imaging Sensor Products	B7.05 GNSS Radio Occultation and Reflectometry in the NewSpace context	E3.03 Black Sea and Danube Regional Applications and Science	C3.01 Powering the data revolution for transformational change in the supply chain management	9:00-11:10		Opening Ceremony	
15:40-17:20	A2.01 Biodiversity	B1.03 Present and future of Validation for Optical Imaging Sensor Products	B9.01 RF Interference and Frequency Management challenges in EO missions	E3.04 Baltic Sea Regional Applications and Science	E1.01 When FinTech meets Nature - linking green assets with innovation in financial and digital ecosystems	14:00-16:30		International Relations	
17:30-19:00	Poster Session & Ice Breaker					17:30-19.00		LP Talks	

Scientific Programme | Tuesday 24

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9
8:30-10:10	A1.03 Troposphere and Air Quality	A9.02 CRYO2ICE: a multi-sensor approach to Earth science	A8.06 Ocean Extremes	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	B6.01 National EO satellite missions	C1.09 Representation learning in remote sensing: from unsupervised, to self- and meta-learning	A8.05 Coastal Altimetry Algorithms, Products and Applications	B2.04 ESA/NASA Cooperation Towards MAGIC Mission	A2.01 Biodiversity
10:40-12:20	A1.03 Troposphere and Air Quality	A9.02 CRYO2ICE: a multi-sensor approach to Earth science	A8.11 Colour and Light in the Ocean from Earth Observation	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	B6.02 Third Party Missions (VHR)	B9.06 AI@edge and Emerging Computing Paradigms for the Future of Earth Observation	A8.05 Coastal Altimetry Algorithms, Products and Applications	A10.02 Geodetic Satellite Missions and Their Applications	A2.02 Ecosystem Accounting
13:30-15:10	A1.03 Troposphere and Air Quality	A9.05 Measuring mountain glacier changes from space	A8.11 Colour and Light in the Ocean from Earth Observation	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	E5.03 The Copernicus Programme – Looking Back, Going Forward (I) High Level Overview	C1.02 Super Resolution for Earth Observation data enhancement	D1.04 Satellite EO for Coastal Hazards Linked to Land to Sea & Sea to Land Processes	A10.02 Geodetic Satellite Missions and Their Applications	A2.03 Ecosystem Resilience
15:40-17:20	A1.01 Trace Gases in the Stratosphere and Mesosphere	A9.07 Advancements in Remote Sensing of Seasonal Snow	A8.11 Colour and Light in the Ocean from Earth Observation	A3.04 Agriculture - Methods and Algorithms, Science, Applications and Policy	E5.04 The Copernicus Programme – Looking Back, Going Forward (II) Copernicus Services Status Update	B2.09 SMOS L-band radiometry and follow on mission concepts	E3.07 Coastal Erosion: THE Satellite Contribution	A10.02 Geodetic Satellite Missions and Their Applications	A2.04 Ecosystem Restoration
17:30-19:00	Poster session								
	Room 10	Room 11	Room 12	Room 13	Room 14	Room 15		Plenary	
8.30-10.10	B4.02 Data Archival and More in the EO Data Lifecycle	D2.08 Rapid EO Innovation: from Covid-19 to the Green Future	B9.02 New Mission Concepts	D2.06 EO for International Development Assistance	D2.11 Earth Observation for Health	E3.01 Alps Regional Applications and Science	9:00-12:45	C-Min22	
10:40-12:20	B4.01 Heritage Missions and Long Time Data Series	B1.03 Present and future of Validation for Optical Imaging Sensor Products	B9.02 New Mission Concepts	D2.03 EO for Africa: advancements of EO Science and Applications.	D2.05 Earth Observation data in Vector Borne	A8.06 Ocean Extremes		14:00-17:00	Future EO
13:30-15:10	B4.01 Heritage Missions and Long Time Data Series	B1.05 VHR Data Quality	B9.05 Microwave Instrument Technology for Earth Observation	D2.03 EO for Africa: advancements of EO Science and Applications.	A5.04 Water Vapour and its Role in Climate	GEO Invited Session	17:30-19.00		Fed. Min. Agriculture
15:40-17:20	B4.01 Heritage Missions and Long Time Data Series	B8.07 Copernicus Sentinel-2 and NASA/USGS Landsat – Continuity and Synergies	B9.03 Optical Instrument Technology for EO	D2.02 Land Degradation Neutrality	A5.04 Water Vapour and its Role in Climate	GEO Invited Session			
17:30-19:00	Poster Session								

Scientific Programme | Wednesday 25

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9
8:30-10:10	A1.08 Aeolus Mission: Scientific Highlights and Data Exploitation	A8.08 Advances and EO Applications in Remote Sensing of Marine Litter and Debris	B2.02 FLEX - ESA's Photosynthesis Mission	A3.07 Land Cover - Methods and Algorithms, Science, Applications and Policy	E5.05 The Copernicus Programme – Looking Back, Going Forward (III)	C5.02 Big EO data Platforms	B7.01 Scout: ESA NewSpace Science missions	B2.10 Harmony: ESA's EE10 Candidate Mission	A3.10 Novel in-situ collection for agricultural and forest structure applications
10:40-12:20	A1.08 Aeolus Mission: Scientific Highlights and Data Exploitation	A8.08 Advances and EO Applications in Remote Sensing of Marine Litter and Debris	B1.04 FLEX validation status and plans	A3.07 Land Cover - Methods and Algorithms, Science, Applications and Policy	E5.06 The Copernicus Programme – Looking Back, Going Forward (IV)	C5.02 Big EO data Platforms	B3.02 Arctic Weather Satellite	A6.01 Geospace System Science: Thermosphere, Ionosphere, Magnetosphere and Their Coupling	A3.10 Novel in-situ collection for agricultural and forest structure applications
13:30-15:10	A1.08 Aeolus Mission: Scientific Highlights and Data Exploitation	E3.06 Mediterranean Regional Applications and Science	A4.01 Terrestrial Carbon Cycle from Global to National	B8.04 The Copernicus Sentinel Missions Status	E2.02 Climate Security - The key role of R&I and cooperation to address global threats	C5.02 Big EO data Platforms	A9.03 The NASA-ESA Arctic Methane and Permafrost Challenge (AMPAC) Initiative	A6.01 Geospace System Science: Thermosphere, Ionosphere, Magnetosphere and Their Coupling	A7.04 Irrigation estimates and management from EO data
15:40-17:20	B2.01 The Earth Explorer 11 Candidate Missions - Science for the Next Decade	A8.03 Ocean Carbon From Space	A4.01 Terrestrial Carbon Cycle from Global to National	B2.08 ESA's Biomass mission: Latest Developments	B8.05 Copernicus Contributing Missions (VHR)	C5.05 Earth System & EO Data Cube Services and Tools for Scientific Exploitation	A9.08 4DAntarctica and 4DGreenland – Towards a Digital Twin of the changing Ice Sheets	A6.01 Geospace System Science: Thermosphere, Ionosphere, Magnetosphere and Their Coupling	A7.04 Irrigation estimates and management from EO data
17:30-19:00	Poster session								
	Room 10	Room 11	Room 12	Room 13	Room 14	Room 15		Plenary	
8.30–10.10	B5.01 Future Meteorological Missions	D2.09 Sustainable Natural Resources and Energy	D2.04 Sustainable Development Goals (SDGs)	E5.08 Cooperation ESA-JAXA Using SAR Satellites in Earth Sciences and Applications	A4.02 Earth Observations for AFOLU estimation and reporting	D1.05 International Collaboration to better understand risks using satellite EO (GEO, CEOS, etc.)	9:00-12:00	Climate Change	
10:40-12:20	B5.01 Future Meteorological Missions	B6.03 EnMAP – The German Spaceborne Imaging Spectroscopy Mission	D2.13 Sustainable Development of coastal areas	E5.08 Cooperation ESA-JAXA Using SAR Satellites in Earth Sciences and Applications	B7.04 Remote Sensing Technology Validation on CubeSats at NASA	D1.03 Satellite EO for Disaster Risk Transfer & Insurance		13:00-16:10	International Coordination for Spaceborne Synthetic Aperture Radar Data
13:30-15:10	B5.01 Future Meteorological Missions	B6.04 PRISMA Hyperspectral mission: characteristics, achievements and data exploitation	D2.07 Water Resources Management	A8.12 Synergies between Earth Observation and BGC-Argo autonomous profilers	A3.11 Land Surface Temperature and Emissivity Data for Research and Applications	D2.10 GEOGLAM the First Decade: Progress in Operational Agricultural Monitoring			
15:40-17:20	B5.01 Future Meteorological Missions	B6.04 PRISMA Hyperspectral mission: characteristics, achievements and data exploitation	A3.03 Wetland Methods and Algorithms, Science, Applications and Policy	B8.06 Copernicus Sentinel-6 Michael Freilich	A3.11 Land Surface Temperature and Emissivity Data for Research and Applications	D2.10 GEOGLAM the First Decade: Progress in Operational Agricultural Monitoring		17:30-19.00	Climate Social Event
17:30-19:00	Poster Session								

Scientific Programme | Thursday 26

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9
8:30-10:10	A5.05 Monitoring Anthropogenic Greenhouse Gas Emissions from Space	A9.04 Mass Balance of the Cryosphere - Session on Results	C4.02 HAPS – High-Altitude Pseudo Satellites	B8.08 Copernicus Sentinel Expansion Missions - New capabilities for the Copernicus 2.0	A3.06 Biomass monitoring	C1.07 ML4Earth: Machine Learning for Earth	C1.04 AI4EO applications for Land and Water	B2.05 Swarm - ESA's Extremely Versatile Magnetic Field and Geospace Explorer	A8.13 Remote-sensing of Ocean Winds and Stress
10:40-12:20	A1.04 Greenhouse Gases	A9.04 Mass Balance of the Cryosphere - Session on Results	A7.06 EO for monitoring water quality and ecological status in inland waters	B8.09 Copernicus Sentinel Extension Missions/Next Generation	A3.06 Biomass monitoring	C1.07 ML4Earth: Machine Learning for Earth	C1.04 AI4EO applications for Land and Water	B2.05 Swarm - ESA's Extremely Versatile Magnetic Field and Geospace Explorer	A8.14 Remote-sensing of Ocean Waves and their Applications
13:30-15:10	B2.06 EarthCARE Ready For Launch	A9.04 Mass Balance of the Cryosphere - Session on Results	A7.06 EO for monitoring water quality and ecological status in inland waters	A3.12 Forest Monitoring	E5.07 Copernicus International Cooperation – Building infrastructure for the world	C2.01 Towards a Digital Twin of the Earth - advances and challenges ahead	C5.03 Open Source Science, toolboxes and Jupyter technologies in EO	A6.02 Upper/Lower Atmosphere Processes, Coupling and Ion-Neutral Interactions	A8.10 Ocean Doppler: Challenges and Opportunities for Future Missions of Global Ocean Surface Currents
15:40-17:20	A1.09 EarthCARE: Preparing for the Scientific Mission Exploitation to Quantify the Impact of Clouds and Aerosols on Radiation	A9.04 Mass Balance of the Cryosphere - Session on Results	A7.06 EO for monitoring water quality and ecological status in inland waters	A3.12 Forest Monitoring	E5.07 Copernicus International Cooperation – Building infrastructure for the world	C2.01 Towards a Digital Twin of the Earth - advances and challenges ahead	C5.03 Open Source Science, toolboxes and Jupyter technologies in EO	B9.08 Quantum Missions for Climate, ambition for “Space for a Green Future” Accelerator	B7.02 European New Space and CCM Activity

17:30-19:00 Poster session

	Room 10	Room 11	Room 12	Room 13	Room 14	Plenary
8.30-10.10	A5.02 The role of Earth Observation in climate services	D1.07 Advance science to better observe, understand and predict multi-hazards and Complex Natural Disasters	A8.07 Oceanographic Change of the Arctic Ocean From Space	A7.05 InSAR for the groundwater management	D2.12 Cultural and Natural Heritage	9:00-10:20 New Space & EO
10:40-12:20	A5.02 The role of Earth Observation in climate services	D1.01 Satellite EO for Geohazard Risks	E1.04 Space Capacity Building in the XXI Century	A7.01 Inland Water Storage and Runoff: Modeling, In Situ Data and Remote Sensing	D2.12 Cultural and Natural Heritage	
13:30-15:10	C4.01 Innovative UAV applications	D1.01 Satellite EO for Geohazard Risks	B1.01 SI-Traceable Satellites - a Gold Standard for Climate and Inter-calibration	A7.01 Inland Water Storage and Runoff: Modeling, In Situ Data and Remote Sensing	B7.03 New Space missions with small and nanosatellites	17:30-19:00 LP Talks
15:40-17:20	C4.01 Innovative UAV applications	D1.01 Satellite EO for Geohazard Risks	B3.04 TRUTHS: a new ESA Earth Watch mission for climatology and radiometric calibration from Space	A7.01 Inland Water Storage and Runoff: Modeling, In Situ Data and Remote Sensing	B7.03 New Space missions with small and nanosatellites	
17:30-19:00	Poster Session					

Scientific Programme | Friday 27

	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9
8:30-10:10	A1.07 Aerosols and Their Uptake in Models and Assimilation	A9.06 Sea Ice Remote Sensing	B1.07 Analysis Ready Data: are we there yet?	A3.12 Forest Monitoring	B2.07 FORUM - ESA's 9th Earth Explorer	A7.02 EO advances in water and energy cycles	E3.05 Atlantic Regional Applications and Science	D2.01 Resilient cities	A8.02 Upper-Layer Ocean Circulation from Space
10:40-12:20	A1.10 Cloud and Precipitation Optical Properties and Microphysics	A9.06 Sea Ice Remote Sensing	C1.03 Training data for AI in EO	A3.12 Forest Monitoring	A1.06 Fourier Transform Spectroscopy for Atmospheric Measurements	A7.03 Towards an integrated high resolution reconstruction of the water cycle: advances in observations and hyper-resolution modelling	A3.08 Peatland - Methods and Algorithms, Science, Applications	D2.01 Resilient cities	A8.09 Observing small-scale ocean dynamics at the interfaces of the Earth System
12:20-14:00	Poster session								
14:00-15:40	A1.11 Atmospheric Dynamics and Vertical Coupling	A9.06 Sea Ice Remote Sensing	C1.08 Advanced Solutions for SAR processing and analytics	A3.12 Forest Monitoring	E1.05 New Space missions in InCubed	A7.07 Global and regional water cycle in the integrated human-Earth system	C3.02 User-Oriented Perspective in Across ESA and Third Party Missions' Earth Observation Data Access supported by Emerging Technologies	C1.06 Data assimilation and machine learning for the Earth system	E4.01 Space-Education for tomorrow – from school to lifelong learning
	Room 10	Room 11	Room 12	Room 13			Plenary		
8.30-10.10	A5.01 Exploring the interface of observations and modelling	D1.06 Satellite EO and Machine Learning for monitoring Natural Hazards: Opportunities and Challenges Ahead	C1.01 Trusted Machine Learning - security, privacy and confidentiality in EO data ecosystems						
10:40-12:20	A5.03 Next generation cloud climatology	D1.02 Satellite EO for Monitoring Infrastructures	B9.04 Platform and Communications technology for future EO	E2.01 EO Supporting Law Enforcement					
12:20-14:00	Poster Session								
14:00-15:40	E5.01 Towards improved availability, access and use of open Earth observations in GEOSS	A3.02 Towards a space-based Earth Observation Soil Monitoring System	B9.07 Technology in National Agencies for Earth Observation	E1.02 Strengthening Industrial Competitiveness Exploiting Novel Systems and Capabilities					
					10:30-12:00		LPS-22		