

Sunday 7 July 2024									
TIME	Lecture Level 0 (100 pax, theater)	Conference 1 Hall Level 0 (80 pax, theater)	Conference 2 Hall Level 0 (30 pax, theater)	Conference 3 Hall Level 0 (30 pax, theater)	Conference 4 Hall Level 0 (20 pax, boardroom)	MC3-2 Level-1 (55 pax, theater)	MC3-3 Level-1 (40 pax, theater)	MC3-4 Level-1 (55 pax, theater)	MC3 Level-1 (180 pax, theater)
09:00-09:15						HD01 Unlock the Power of Earth Surface Monitoring with TomoSAR Persistent Scatterer Processing	HD12 Exploring Environmental Changes with EO: a hands-on journey from data analysis to scientific communication with ESA-NASA-JAXA EO Dashboard	HD04 Time Series Tutorial: Understanding Dynamics with Advanced Time-Series Processing Techniques	HD02 Data-Efficient Deep Learning for Earth Observation
09:15-09:30									
09:30-09:45									
09:45-10:00									
10:00-10:15									
10:15-10:30									
10:30-10:45	Coffee Break								
10:45-11:00	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	FD-01 SAR Polarimetry: A Tour from Physics to Applications	FD-04 GRSS ESI/HDCRS Machine Learning Lifecycle in High-Performance Computers and Cloud: A Focus on Geospatial Foundation Models	FD-02 Singular Spectrum Analysis: An Emerging Technique for Effective Feature Extraction and Denoising in Hyperspectral Image Remote Sensing	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	HD01 Unlock the Power of Earth Surface Monitoring with TomoSAR Persistent Scatterer Processing	HD12 Exploring Environmental Changes with EO: a hands-on journey from data analysis to scientific communication with ESA-NASA-JAXA EO Dashboard	HD04 Time Series Tutorial: Understanding Dynamics with Advanced Time-Series Processing Techniques	HD02 Data-Efficient Deep Learning for Earth Observation
11:00-11:15									
11:15-11:30									
11:30-11:45									
11:45-12:00									
12:00-12:15									
12:15-12:30	Coffee Break								
12:30-12:45	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	FD-01 SAR Polarimetry: A Tour from Physics to Applications	FD-04 GRSS ESI/HDCRS Machine Learning Lifecycle in High-Performance Computers and Cloud: A Focus on Geospatial Foundation Models	FD-02 Singular Spectrum Analysis: An Emerging Technique for Effective Feature Extraction and Denoising in Hyperspectral Image Remote Sensing	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	HD10 A Day at the OPERA: Discover how Analysis-Ready OPERA Data can Accelerate your Science	HD11 Optical remote sensing image restoration	HD08 Earthly marvels revealed: Pangeo, AI, and Copernicus in action	HD09 Mapping minerals with space-based imaging spectroscopy
12:45-13:00									
13:00-13:15									
13:15-13:30									
13:30-13:45									
13:45-14:00									
14:00-14:15	Full Day Tutorials Lunch Break								
14:15-14:30	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	FD-01 SAR Polarimetry: A Tour from Physics to Applications	FD-04 GRSS ESI/HDCRS Machine Learning Lifecycle in High-Performance Computers and Cloud: A Focus on Geospatial Foundation Models	FD-02 Singular Spectrum Analysis: An Emerging Technique for Effective Feature Extraction and Denoising in Hyperspectral Image Remote Sensing	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	HD10 A Day at the OPERA: Discover how Analysis-Ready OPERA Data can Accelerate your Science	HD11 Optical remote sensing image restoration	HD08 Earthly marvels revealed: Pangeo, AI, and Copernicus in action	HD09 Mapping minerals with space-based imaging spectroscopy
14:30-14:45									
14:45-15:00									
15:00-15:15									
15:15-15:30									
15:30-15:45									
15:45-16:00	Coffee Break								
16:00-16:15	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	FD-01 SAR Polarimetry: A Tour from Physics to Applications	FD-04 GRSS ESI/HDCRS Machine Learning Lifecycle in High-Performance Computers and Cloud: A Focus on Geospatial Foundation Models	FD-02 Singular Spectrum Analysis: An Emerging Technique for Effective Feature Extraction and Denoising in Hyperspectral Image Remote Sensing	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	HD03 Electromagnetic scattering from the sea surface: basic theory and applications	HD06 Physics Guided and Quantum Artificial Intelligence for Earth Observation: towards Digital Twin Earth for Climate Change Adaptation	HD05 Remote Sensing with Reflected Global Navigation Satellite System (GNSS-R) and other Signals of Opportunity (SoOp)	HD07 A Practical Session on Deep Learning Advances for Monitoring and forecasting Natural Hazards
16:15-16:30									
16:30-16:45									
16:45-17:00									
17:00-17:15									
17:15-17:30									
17:30-17:45	Coffee Break								
17:45-18:00	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	FD-01 SAR Polarimetry: A Tour from Physics to Applications	FD-04 GRSS ESI/HDCRS Machine Learning Lifecycle in High-Performance Computers and Cloud: A Focus on Geospatial Foundation Models	FD-02 Singular Spectrum Analysis: An Emerging Technique for Effective Feature Extraction and Denoising in Hyperspectral Image Remote Sensing	FD-03 Machine Learning in Remote Sensing - Theory and Applications for Earth Observation	HD03 Electromagnetic scattering from the sea surface: basic theory and applications	HD06 Physics Guided and Quantum Artificial Intelligence for Earth Observation: towards Digital Twin Earth for Climate Change Adaptation	HD05 Remote Sensing with Reflected Global Navigation Satellite System (GNSS-R) and other Signals of Opportunity (SoOp)	HD07 A Practical Session on Deep Learning Advances for Monitoring and forecasting Natural Hazards
18:00-18:15									
18:15-18:30									
18:30-18:45									
18:45-19:00									
19:00-19:15									
19:15-19:30	Welcome Reception at Atrium of Muses Foyer								
19:30-19:45									
19:45-20:00									