

Technical Program Overview - Tutorials, Plenary and Oral Sessions

Sunday, July 22 - Tutorials

	Room 2	Room 3	Room 4B	Room 11A	Room 11B	Room 12A	Room 12B	Room 21A
08:30 - 17:30	FD-1: SAR Imaging, Polarimetry, Interferometry and Tomography	FD-2: Vegetation Structure from Lidar and SAR	FD-7: Advanced Classification Techniques for Remote Sensing	FD-3: Optical Remote Sensing: Basics & Applications	FD-4: Recent Advances in Hyperspectral Data Analysis	FD-5: Multivariate Analysis of Imaging Data	FD-6: Image Information Mining - Methods and Applications for Exploration of Earth Observation data	FD-8: Remote Sensing with Reflected and Occulted Global Navigation Satellite System (GNSS) Signals
	Room 4A	Room 21B						
08:30 - 12:30	HD-1: New SAR Missions and Concepts	HD-2: Calibration of Aperture Synthesis Radiometers: The MIRAS/SIMOS Case						
12:30 - 13:30	Lunch Break							
13:30 - 17:30	HD-3: SAR Tomography: Basics and Applications							
17:30 - 20:00	Welcome Reception – International Conference Center Munich (ICM), First Floor Foyer							

Monday, July 23 - Plenary and Oral Sessions

09:00 - 12:30	Opening and Plenary Session – Room 1							
12:30 - 13:30	Lunch Break							
13:30 - 15:10	Room 2	Room 3	Room 4A	Room 4B	Room 5	Room 11	Room 12A	Room 12B
	M03.10 NASA Soil Moisture Active Passive Mission Approach to Pre-Flight Testing of Retrieval Algorithms	M03.6 EOS Aqua Contributions to Earth Science: The First 10 Years I	M03.14 Dynamics of Earth Processes and Climate Change: Biosphere I	M03.4 Information Extraction from High Resolution Imagery	M03.7 Recent Advancements in POLSAR Imaging in Honor of Prof. Boerner's 75th Birthday I	M03.3 Spaceborne Imaging Spectroscopy Missions: Updates, and Global Datasets and Products I organized by the Technical Committee	M03.8 Active/Passive Microwave Remote Sensing of Terrestrial Snow I	M03.7 Data Fusion I organized by the Technical Committee
15:10 - 15:40	Break							
15:40 - 17:20	M04.10 Soil Moisture: Aquarius and SMAP	M04.6 EOS Aqua Contributions to Earth Science: The First 10 Years II	M04.14 Dynamics of Earth Processes and Climate Change: Biosphere II	M04.4 Advances in High Resolution Optical Techniques	M04.2 Recent Advancements in POLSAR Imaging in Honor of Prof. Boerner's 75th Birthday II	M04.3 Spaceborne Imaging Spectroscopy Missions: Updates, and Global Datasets and Products II organized by the Technical Committee	M04.8 Active/Passive Microwave Remote Sensing of Terrestrial Snow II	M04.7 Data Fusion II organized by the Technical Committee
17:20 - 19:00	Poster Sessions - Hall B0							
19:30 - 22:30	BMW World Reception – BMW-Welt; Busses leave ICM at 18:45							

Monday, July 23 - Plenary and Oral Sessions

09:00 - 12:30	Opening and Plenary Session – Room 1							
12:30 - 13:30	Lunch Break							
13:30 - 15:10	Room 13A	Room 13B	Room 14A	Room 14B	Room 14C	Room 21A	Room 21B	Room 22A
	M03.12 Biomass Estimation using Lband SAR	M03.15 New Satellite Missions I	M03.5 Motion Analysis	M03.13 Suomi National Polar-orbiting Sensor Data Records	M03.1 Bistatic SAR I	M03.11 Tropical Rainfall Measuring Mission	M03.16 Applications of Infrared Imaging of Air-Water Interfaces	M03.9 Remote Sensing of Sea Surface Salinity I
15:10 - 15:40	Break							
15:40 - 17:20	M04.12 Vegetation Parameter Retrieval	M04.15 New Satellite Missions II	M04.5 SAR Image Enhancement	M04.13 Suomi National Polar-orbiting Partnership (NPP) Data Products	M04.1 Bistatic SAR II	M04.11 Global Precipitation Measurement (GPM) Mission	M04.16 Change Detection and Multitemporal Image Analysis I	M04.9 Remote Sensing of Sea Surface Salinity II
17:20 - 19:00	Poster Sessions - Hall B0							
19:30 - 22:30	BMW World Reception – BMW-Welt; Busses leave ICM at 18:45							

Technical Program Overview - Oral Sessions

Tuesday, July 24

	Room 2	Room 3	Room 4A	Room 4B	Room 5	Room 11	Room 12A	Room 12B
08:20 - 10:00	TU1.10 Soil Moisture: Radar I	TU1.6 Radar Remote Sensing of Land: A Session in Honor of Prof. Fawwaz Ulabiy I	TU1.14 DInSAR Applications	TU1.4 Hyperspectral Image Analysis	TU1.2 Advanced Methods for Polarimetric Information Extraction A	TU1.3 Student Paper Contest I	TU1.8 Airborne and Spaceborne Remote Sensing of Polar Ice Cover A	TU1.7 Urban Hyperspectral Remote Sensing
10:00 - 10:30	Break							
10:30 - 12:10	TU2.10 Soil Moisture: Passive Microwave	TU2.6 Radar Remote Sensing of Land: A Session in Honor of Prof. Fawwaz Ulabiy II	TU2.14 Dynamics of Earth Processes and Climate Change: Hydrosphere	TU2.4 Spectral Unmixing I	TU2.2 Advanced Methods for Polarimetric Information Extraction B	TU2.3 Student Paper Contest II	TU2.8 Airborne and Spaceborne Remote Sensing of Polar Ice Cover B	TU2.7 New Instruments
12:10 - 13:30	Lunch Break							
12:10 - 13:30	Young Professionals Lunch – ICM Restaurant "Am See, Seeblick"							
13:30 - 15:10	TU3.10 Soil Moisture: Radar II	TU3.6 Millimeter and Sub-Millimeter Wave Radiometry I organized by the Technical Committee	TU3.14 Dynamics of Earth Processes and Climate Change: Atmosphere	TU3.4 Advanced Concepts in Hyperspectral Data Processing	TU3.2 SAR Polarimetry: Theory and Applications I	TU3.3 Advanced SAR Techniques and Digital Beamforming as Honorary Session for Prof. Werner Wiesbeck A	TU3.8 Remote Sensing of Snow Properties I	TU3.7 SAR Processing and Calibration
15:10 - 15:40	Break							
15:40 - 17:20	TU4.10 Soil Moisture: Algorithms and Validation	TU4.6 Millimeter and Sub-Millimeter Wave Radiometry II organized by the Technical Committee	TU4.14 Dynamics of Earth Processes and Climate Change: Disasters and Hazards I	TU4.4 Classification of Hyperspectral Data	TU4.2 SAR Polarimetry: Theory and Applications II	TU4.3 Advanced SAR Techniques and Digital Beamforming as Honorary Session for Prof. Werner Wiesbeck B	TU4.8 Remote Sensing of Snow Properties II	TU4.7 SAR Validation
17:20 - 19:00	Poster Sessions - Hall 80							
19:30 - 22:30	Bavarian Evening – "Löwenbräukeller" in Munich City; Busses leave ICM at 18:45							
08:20 - 10:00	TU1.12 Active Remote Sensing of Forest Structures	TU1.15 ESA's Sentinel Missions: in support of GMES Services and their Utilization in Science I	TU1.5 Image Registration	TU1.13 RADARSAT	TU1.1 Differential SAR Interferometry I	TU1.11 Cloud and Precipitation Retrieval	TU1.16 Change Detection and Multitemporal Image Analysis II	TU1.9 Ocean Biology (Color) and Water Quality
10:00 - 10:30	Break							
10:30 - 12:10	TU2.12 Active Remote Sensing for Forest Change Detection	TU2.15 ESA's Sentinel Missions: in support of GMES Services and their Utilization in Science II	TU2.5 Advanced Methods for Image Classification	TU2.13 ENWISAT - 10 years Achievements I	TU2.1 Differential SAR Interferometry II	TU2.11 Tropical Cyclone and Extreme Weather Remote Sensing	TU2.16 Change Detection and Multitemporal Image Analysis III	TU2.9 Ocean Surface Winds and Currents I
12:10 - 13:30	Lunch Break							
12:10 - 13:30	Young Professionals Lunch – ICM Restaurant "Am See, Seeblick"							
13:30 - 15:10	TU3.12 Vegetation Change Detection	TU3.15 Sentinel-1 I	TU3.5 SAR Image Processing I	TU3.13 ENWISAT - 10 years Achievements II	TU3.1 TanDEM-X Mission Status and First Scientific Results I	TU3.11 Atmospheric Sounding I	TU3.16 Climate Data Records From Satellite Observations to Analyse Climate Variability and Change I	TU3.9 Ocean Surface Winds and Currents II
15:10 - 15:40	Break							
15:40 - 17:20	TU4.12 Canopy and Leaf Structure	TU4.15 Sentinel-1 II	TU4.5 SAR Image Processing II	TU4.13 ENWISAT - 10 years Achievements III	TU4.1 TanDEM-X Mission Status and First Scientific Results II	TU4.11 Atmospheric Sounding II	TU4.16 Climate Data Records From Satellite Observations to Analyse Climate Variability and Change II	TU4.9 Ocean Surface Winds and Currents III
17:20 - 19:00	Poster Sessions - Hall 80							
19:30 - 22:30	Bavarian Evening – "Löwenbräukeller" in Munich City; Busses leave ICM at 18:45							

Technical Program Overview - Oral Sessions

Wednesday, July 25

	Room 2	Room 3	Room 4A	Room 4B	Room 5	Room 11	Room 12A	Room 12B
08:20 - 10:00	WE1.10 SMOS Instrument Calibration and Performance	WE1.6 Active Microwave Calibration and New Sensor	WE1.14 Dynamics of Earth Processes and Climate Change: Disasters and Hazards II	WE1.4 Applications of Hyperspectral Data	WE1.2 Polarimetric SAR Interferometry I	WE1.3 Sensor Interoperability and Robustness in the Monitoring of Tropical Forests	WE1.8 Ice Sheets and Glaciers I	WE1.7 SAR Calibration
10:00 - 10:30	Break							
10:30 - 12:10	WE2.10 Advanced Imaging Spectrometers organized by the Technical Committee	WE2.6 Microwave Radiometer Technology	WE2.14 Dynamics of Earth Processes and Climate Change: Disasters and Hazards III	WE2.4 Spectral Band Selection and Feature Extraction	WE2.2 Polarimetric SAR Interferometry II	WE2.3 Subsurface Sensing: Systems	WE2.8 Ice Sheets and Glaciers II	WE2.7 SAR Mission Calibration and Validation
12:10 - 1:30	Lunch Break							
12:10 - 1:30	Technical Committee and Chapter Chairs Lunch – ICM Restaurant “Am See, Seeblick”							
13:30 - 15:10	WE3.10 Geospatial Semantic Web and Ontologies I organized by the Technical Committee	WE3.6 Microwave Radiometer Calibration	WE3.14 Dynamics of Earth Processes and Climate Change: Disasters and Hazards IV	WE3.4 Spectral Unmixing II	WE3.2 Signal Processing Techniques for POL-SAR and POL-InSAR Applications	WE3.3 Subsurface Sensing: Methods	WE3.8 Cryosphere: Sea Ice I	WE3.7 Frequency Allocations in Remote Sensing and RFI Mitigation for Current and Future Sensors I organized by the Technical Committee
15:10 - 15:40	Break							
15:40 - 17:20	WE4.10 Geospatial Semantic Web and Ontologies II organized by the Technical Committee	WE4.6 Microwave Radiometer Missions	WE4.14 Applications Integrating Multiple Observing Systems	WE4.4 Optical and Infrared Modelling I	WE4.2 SAR Polarimetry Techniques I	WE4.3 Subsurface Sensing: Applications	WE4.8 Cryosphere: Sea Ice II	
17:20 - 19:30	Poster Sessions and Exhibitor Reception – ICM Hall B0							
18:00 - 22:00	Soccer Game – Sports Field at SV Dormach; Busses leave from ICM							
	Room 13A	Room 13B	Room 14A	Room 14B	Room 14C	Room 21A	Room 21B	Room 22A
08:20 - 10:00	WE1.12 Vegetation Biophysical Properties	WE1.15 Advances in Interaction Models in Support of Active Microwave Remote Sensing of Natural Surfaces I	WE1.5 Image Analysis	WE1.13 GEOS and Users: The Power of Interoperability	WE1.1 High Resolution SAR I	WE1.11 Trace Gases	WE1.16 Climate Data Records From Satellite Observations to Analyse Climate Variability and Change III	WE1.9 Ocean Surface Winds and Currents IV
10:00 - 10:30	Break							
10:30 - 12:10	WE2.12 Data Fusion III	WE2.15 Advances in Interaction Models in Support of Active Microwave Remote Sensing of Natural Surfaces II	WE2.5 Hyperspectral Image Processing	WE2.13 GEOS-based Earthquake Anomaly Recognition I	WE2.1 High Resolution SAR II	WE2.11 Aerosol Remote Sensing A	WE2.16 Complex Image Analysis: Applications to VHR SAR Scene Understanding	WE2.9 Ocean Altimetry
12:10 - 1:30	Lunch Break							
12:10 - 1:30	Technical Committee and Chapter Chairs Lunch – ICM Restaurant “Am See, Seeblick”							
13:30 - 15:10	WE3.12 Vegetation Health	WE3.15 Advanced Topics in Microwave Radiometry	WE3.5 SAR Image Processing III	WE3.13 Synergistic Utilization of TerraSAR-X and RADARSAT-2 Data I	WE3.1 High Resolution SAR III	WE3.11 Aerosol Remote Sensing B	WE3.16 Active Remote Sensing in Agriculture	WE3.9 SMOS Observations over Land I
15:10 - 15:40	Break							
15:40 - 17:20	WE4.12 High Resolution Retrieval of Vegetation Structure	WE4.15 Advances in Remote Sensing of Biomass Dynamic	WE4.5 Image Restoration and Enhancement	WE4.13 Synergistic Utilization of TerraSAR-X and RADARSAT-2 Data II	WE4.1 Ionospheric and Tropospheric Observation	WE4.11 Numerical Weather Prediction and Data Assimilation	WE4.16 Mapping of Agricultural Systems using Remote Sensing	WE4.9 SMOS Observations over Land II
17:20 - 19:30	Poster Sessions and Exhibitor Reception – ICM Hall B0							
18:00 - 22:00	Soccer Game – Sports Field at SV Dormach; Busses leave from ICM							

Technical Program Overview - Oral Sessions

Thursday, July 26

	Room 2	Room 3	Room 4A	Room 4B	Room 5	Room 11	Room 12A	Room 12B
08:20 - 10:00	TH1.10 Assimilation I	TH1.6 Phenology - Bridging the Gap between Ground Observations and Remotely Sensed Imagery	TH1.14 Lidar Systems and Technologies	TH1.4 Optical and Infrared Modelling II	TH1.2 SAR Polarimetry Techniques II	TH1.3 Absorption and Scattering by Volumes of Particles	TH1.8 Permafrost and Seasonally Frozen Ground	TH1.7 Data Management and Systems
10:00 - 10:30	Break							
10:30 - 12:10	TH2.10 Assimilation II	TH2.6 Feature Extraction and Estimation	TH2.14 Passive Optical and Hyperspectral Sensors	TH2.4 Optical and Infrared Modelling III	TH2.2 SAR Polarimetry for Earth Observation I	TH2.3 Microwave Signatures of Soil and Vegetation	TH2.8 Inland Waters I	TH2.7 Data Processing, Analysis and Management
12:10 - 13:30	Lunch Break							
12:10 - 13:30	Women in Geosciences, Remote Sensing and Engineering Luncheon – ICM Restaurant "Am See, Seeblick"							
13:30 - 15:10	TH3.10 Radar Remote Sensing of Wetlands I	TH3.6 Information Extraction from Multitemporal Sequences	TH3.14 Sensor Performance and Simulation: Passive Optical and Hyperspectral Sensors		TH3.2 SAR Polarimetry for Earth Observation II	TH3.3 SAR Imaging	TH3.8 Inland Waters II	TH3.7 Remote Sensing Data and Policy Decisions
15:10 - 15:40	Break							
15:40 - 17:20	TH4.10 Radar Remote Sensing of Wetlands II	TH4.6 Information Extraction: Multisensor Data Fusion	TH4.14 UAV and Airborne Remote Sensing	TH4.4 Special Session on Ocean Electromagnetic Scattering with Application to Synthetic Aperture Radar Applications - In Memoriam of Donald R. Thompson	TH4.2 SAR Polarimetry	TH4.3 Tomographic SAR Techniques	TH4.8 Ocean as the Source and Sink of Carbon Dioxide Observed from Space	TH4.7 Remote Sensing and Education
17:20 - 19:00	Poster Sessions - Hall 80							
19:30 - 22:30	Awards Banquet – "Kaisersaal" of the Residenz Palace in Munich; Busses leave ICM at 18:45							
08:20 - 10:00	Room 13A	Room 13B	Room 14A	Room 14B	Room 14C	Room 21A	Room 21B	Room 22A
	TH1.12 Vegetation Structure Retrieval at Multiple Scales	TH1.15 Aerosol Remote Sensing from Space	TH1.5 Image Classification Techniques	TH1.13 COSMO-SkyMed - Last Achievements in Scientific Research and Applications I	TH1.1 TomDEM-X Interferometry	TH1.11 New Developments in Ocean Monitoring from Spaceborne SAR	TH1.16 Remotely Sensed Estimation of Crop Parameters	TH1.9 Remote Sensing of Land Surface Energy Budget
10:00 - 10:30	Break							
10:30 - 12:10	TH2.12 Data Integration for Forest Characterization	TH2.15 Geographic Information Science: Applications	TH2.5 Pan-sharpening and Image fusion	TH2.13 COSMO-SkyMed - Last Achievements in Scientific Research and Applications II	TH2.1 SAR Interferometry I	TH2.11 Recent Innovations in Earth Science Remote Sensing Technology Development at NASA	TH2.16 Classification and Identification of Agricultural Land Cover	TH2.9 SMOS Observations over Oceans I
12:10 - 13:30	Lunch Break							
12:10 - 13:30	Women in Geosciences, Remote Sensing and Engineering Luncheon – ICM Restaurant "Am See, Seeblick"							
13:30 - 15:10	TH3.12 From Data Archive Centers to Knowledge Creation Collaboratories I organized by the Technical Committee	TH3.15 Geographic Information Science: Grid and Web Services	TH3.5 Feature Detection in Images	TH3.13 ESA's candidate Earth Explorer missions - BIOMASS, CoRe20, PREMIER I	TH3.1 SAR Interferometry II	TH3.11 Space Lidar: Missions, Technologies and Observations I organized by the Technical Committee	TH3.16 Urban Remote Sensing I	TH3.9 SMOS Observations over Oceans II
15:10 - 15:40	Break							
15:40 - 17:20	TH4.12 From Data Archive Centers to Knowledge Creation Collaboratories II organized by the Technical Committee	TH4.15 State-of-the-Art of Urban Remote Sensing	TH4.5 Hyperspectral Data Processing for Security and Defense	TH4.13 ESA's candidate Earth Explorer missions - BIOMASS, CoRe20, PREMIER II	TH4.1 DEM, MTI and Ship Detection	TH4.11 Space Lidar: Missions, Technologies and Observations II organized by the Technical Committee	TH4.16 SAR Applications in Urban Remote Sensing	TH4.9 Ocean Temperature and Salinity
17:20 - 19:00	Poster Sessions - Hall 80							
19:30 - 22:30	Awards Banquet – "Kaisersaal" of the Residenz Palace in Munich; Busses leave ICM at 18:45							

Technical Program Overview - Oral Sessions

Friday, July 27

	Room 2	Room 3	Room 4A	Room 4B	Room 5	Room 11	Room 12A	Room 12B
08:20 - 10:00	FR1.10 Forest Land Cover Mapping	FR1.6 Information Extraction from SAR images	FR1.14 Ground-Based Systems I	FR1.4 Satellite Photogrammetry with the New Generation of High-resolution Sensors	FR1.2 Upcoming Global Survey Optical Satellite Missions: Landsat Data Continuity Mission and Sentinel-2 I	FR1.3 Tomography and 3D Imaging	FR1.8 Ocean Vector Wind Sensor Applications from Research to Operation	FR1.7 Advanced Methods for Detecting and Mitigating Radio-Frequency Interference
10:00 - 10:30	Break							
10:30 - 12:10	FR2.10 Land Cover Mapping Techniques	FR2.6 Information Extraction: Urban Areas and Transportation	FR2.14 Ground-Based Systems II	FR2.4 Remote Sensing of Terrestrial Environmental Observatories for Ecosystem Research	FR2.2 Upcoming Global Survey Optical Satellite Missions: Landsat Data Continuity Mission and Sentinel-2 II	FR2.3 Recent Advances in GNSS Reflectometry	FR2.8 Pleiades, a dual optical system for metric resolution observations: thematic space applications	FR2.7 Land Cover, Water, and Climate
12:10 - 1:30	Lunch Break							
13:30 - 1:50	FR3.10 Agricultural Land Cover Change	FR3.6 Information Extraction: Object Extraction and Classification	FR3.14 Radiometric Calibration for Optical Sensors I	FR3.4 New Trends in Multimode and Multispectral Remote Sensing Data Processing I	FR3.2 In Flight Calibration of Optical Satellite Sensors Using Pseudo Invariant Calibration Sites	FR3.3 Quantitative Land Surface Composition Mapping	FR3.8 Remote Sensing of Vegetation Fluorescence I	FR3.7 Modelling for Forest Characterization
15:10 - 1:50	Break							
15:40 - 17:20	FR4.10 Land Cover Mapping with Radar	FR4.6 Information Extraction: Classification	FR4.14 Radiometric Calibration for Optical Sensors II	FR4.4 New Trends in Multimode and Multispectral Remote Sensing Data Processing II	FR4.2 Innovative SAR Sensors for Applications in Hydrology	FR4.3 The GEO Geohazard SuperSITES - Seismic Hazards and SAR Interferometry	FR4.8 Remote Sensing of Vegetation Fluorescence II	FR4.7 Recent Advances in Radiometric Calibration Techniques
17:20 - 19:00	Poster Sessions - Hall 80							
09:00 - 1:5:30	Technical Tour: Visit of the German Aerospace Research Center (DLR) in Oberpfaffenhofen – Busses leave ICM at 09:00							
09:00 - 1:5:30	Technical Tour: Visit of EADS ASTRIUM in Ottobrunn, Satellite technology and development – Busses leave ICM at 09:00							
	Room 13A	Room 13B	Room 14A	Room 14B	Room 14C	Room 21A	Room 21B	Room 22A
08:20 - 10:00	FR1.12 Synergy of Spaceborne EO Products to Map the Essential Climate Variable Biomass I	FR1.15 Superresolution and Sub-pixel Classification for Hyperspectral Imagery	FR1.5 HypSIRI: Climate Science from Global Imaging Spectroscopy and Multi-Spectral Thermal Measurements	FR1.13 Novelty Detection and One-class Classification	FR1.1 Airborne SAR and InSAR I	FR1.11 Sparse Signal Reconstruction and Compressive Sensing in Earth Observation I	FR1.16 Urban Remote Sensing II	FR1.9 Coastal Zones I
10:00 - 10:30	Break							
10:30 - 12:10	FR2.12 Synergy of Spaceborne EO Products to Map the Essential Climate Variable Biomass II	FR2.15 Long Term Preservation on Earth Observation Data: Cooperation Activities and Applications	FR2.5 Hyperspectral Vegetation Mapping I - Forests and Natural Areas	FR2.13 Education, Training and Capacity Building in Remote Sensing - Global and Regional Programmes	FR2.1 Airborne SAR and InSAR II	FR2.11 Sparse Signal Reconstruction and Compressive Sensing in Earth Observation II	FR2.16 DEM, Mapping, and Mineral Deposits	FR2.9 Coastal Zones II
12:10 - 1:30	Lunch Break							
13:30 - 1:50	FR3.12 Earth Observation for Public Health I	FR3.15 Land Remote Sensing Data Assimilation: Where are we?	FR3.5 Hyperspectral Vegetation Mapping II – Agricultural Applications	FR3.13 Education, Training and Capacity Building in Remote Sensing - Tools and Software	FR3.1 Extraction of Geospatial Information for Space Borne SAR-Sensors with High Spatial Resolution	FR3.11 Remote Sensing using GNSS-like Signals and Other Sensors I	FR3.16 Surface Topo and Surface Movement Monitoring	FR3.9 SAR Remote Sensing for a Dynamic Ocean
15:10 - 1:50	Break							
15:40 - 17:20	FR4.12 Earth Observation for Public Health II	FR4.15 Machine Learning Meets New Remote Sensing Applications	FR4.5 Hyperspectral Remote Sensing in Shallow Waters	FR4.13 Education, Training and Capacity Building in Remote Sensing - Space Agencies	FR4.1 Geophysical Parameters Retrieval from Geostationary Satellites Data: Algorithms and Products	FR4.11 Remote Sensing using GNSS-like Signals and Other Sensors II	FR4.16 Tropical forest biomass using P-band SAR data-The BIOMASS mission	FR4.9 Radar Remote Sensing of the Ocean at Grazing Incidence
17:20 - 19:00	Poster Sessions - Hall 80							
09:00 - 1:5:30	Technical Tour: Visit of the German Aerospace Research Center (DLR) in Oberpfaffenhofen – Busses leave ICM at 09:00							
09:00 - 1:5:30	Technical Tour: Visit of EADS ASTRIUM in Ottobrunn, Satellite technology and development – Busses leave ICM at 09:00							

Technical Program Overview - Poster Sessions

Monday, July 23

	Day Code	Starting Board Number	Session Name	
17:20 - 19:00	MOP	101	Methods and Analysis for Bistatic SAR	
	MOP	106	High Resolution Imagery: Methods and Applications	
	MOP	116	3D Imaging	
	MOP	126	Geographic Information Science: Applications Poster	
	MOP	138	Geographic Information Science: Theory, Algorithms, and Systems	
	MOP	150	Subsurface Sensing I	
	MOP	159	Subsurface Sensing II	
	MOP	166	Soil Moisture and Vegetation: Radar	
	MOP	174	Soil Moisture: Passive Microwave	
	MOP	186	Soil Moisture: Applications	
	MOP	194	Soil Moisture: Active and Passive	
	MOP	206	Remote Sensing of Wetlands	
	MOP	215	Inland Waters	
	MOP	227	Dynamic Processes of the Earth	
	MOP	233	Hydrology	
	MOP	238	Dynamics of Earth Processes and Climate Change: Atmosphere	
	MOP	248	Disasters and Hazards I - Flood Risk and Flood Monitoring	
	MOP	257	Disasters and Hazards III - Volcanos, Oil Spill, Earthquakes, Etc.	
	MOP	267	Disasters and Hazards IV - Natural Disasteer Management	
	MOP	277	Disasters and Hazards V - Natural Disaster Monitoring and Management	
	MOP	286	Assimilation	
	MOP	295	New Satellite Missions	
	MOP	305	New Satellite Missions and Instruments	
	MOP	313	Frequency Allocations in Remote Sensing and RFI Mitigation for Current and Future Sensors	
	MOP	317	Applications of Infrared Imaging of Air-Water Interfaces	
	MOP	320	Suomi National Polar-orbiting Partnership (NPP) Environmental and Sensor Data Records	
	MOP	333	Remote Sensing of Land Surface Energy Budget	
	MOP	338	SMOS Observations over Land	
	MOP	725	Dynamics of Earth Processes and Climate Change::Biosphere	*Video Poster
	MOP	737	Disasters and Hazards II - Earthquakes and Tsunami	*Video Poster

a) Poster placement from Monday 12:00 to Wednesday 08:00 (for Monday and Tuesday posters) and Wednesday 12:00 to Friday 08:00 (for Wednesday and Thursday posters)

b) Authors are required to be present for poster presentation from 17:20 to 19:00 on the day scheduled for the presentation. Posters should be attached to the boards for two days. It is recommended to stay both days for discussion in front of your poster.

c) Video Poster Presentation from 17:30 to 18:30: Boards 725 - 748 on Monday and Wednesday; Boards 749 - 772 on Tuesday and Thursday (5 minutes for each poster)

Technical Program Overview - Poster Sessions

Tuesday, July 24

	Day Code	Starting Board Number	Session Name	
17:20 - 19:00	TUP	345	SAR Image Processing I	
	TUP	356	SAR Image Processing II	
	TUP	363	SAR Image Processing III	
	TUP	373	Image Processing Applications I	
	TUP	381	Image Processing Applications II	
	TUP	392	Change Detection II	
	TUP	399	Image Pan-Sharpener and Fusion	
	TUP	408	Image Analysis	
	TUP	420	Image Registration and Enhancement	
	TUP	432	Precipitation, Clouds and Atmospheric Topics	
	TUP	443	Numerical Weather Prediction and Data Assimilation	
	TUP	451	Atmospheric Sounding	
	TUP	463	Aerosol Remote Sensing, Trace Gases, and Air Quality I	
	TUP	475	Aerosol Remote Sensing, Trace Gases, and Air Quality II	
	TUP	487	Ocean Biology	
	TUP	495	Ocean Surface Winds II	
	TUP	500	Ocean Surface Currents	
	TUP	509	Ocean Temperature and Salinity	
	TUP	517	Coastal Zones II	
	TUP	524	Ocean Altimetry	
	TUP	530	Topography, Geology, Geomorphology I	
	TUP	542	Topography, Geology, Geomorphology II	
TUP	552	Data Management and Systems I		
TUP	564	Data Management and Systems II		
TUP	749	Ocean Surface Winds I	*Video Poster	
TUP	761	Coastal Zones I	*Video Poster	

a) Poster placement from Monday 12:00 to Wednesday 08:00 (for Monday and Tuesday posters) and Wednesday 12:00 to Friday 08:00 (for Wednesday and Thursday posters)

b) Authors are required to be present for poster presentation from 17:20 to 19:00 on the day scheduled for the presentation. Posters should be attached to the boards for two days. It is recommended to stay both days for discussion in front of your poster.

c) Video Poster Presentation from 17:30 to 18:30: Boards 725 - 748 on Monday and Wednesday; Boards 749 - 772 on Tuesday and Thursday (5 minutes for each poster)

Technical Program Overview - Poster Sessions

Wednesday, July 25

	Day Code	Starting Board Number	Session Name	
17:20 - 19:00	WEP	101	High Resolution SAR	
	WEP	111	Persistent Scatterer, Implementation	
	WEP	121	Deformation	
	WEP	133	DInSAR and Interferometry	
	WEP	144	Compressed Sensing, Coregistration	
	WEP	156	Multibaseline, Filtering, Advanced Observations	
	WEP	162	Airborne SAR, SAR Applications	
	WEP	172	High Performance Computing and Data Correction in Hyperspectral Imagery	
	WEP	182	Spectral Unmixing, Feature Extraction	
	WEP	191	Classification of Hyperspectral Data	
	WEP	202	Applications of Hyperspectral Imagery	
	WEP	212	Optical and Infrared Modelling I	
	WEP	224	Optical and Infrared Modelling II	
	WEP	230	Hyperspectral Image Processing	
	WEP	238	Image Segmentation	
	WEP	246	Image Classification	
	WEP	253	Optical Image Analysis	
	WEP	262	Image Processing	
	WEP	270	Remote Sensing of Snow Properties II	
	WEP	273	Remote Sensing of Mountain Glaciers	
	WEP	281	Remote Sensing of Ice Sheets and Glaciers	
	WEP	290	Cryosphere: Sea Ice Poster	
	WEP	301	Permafrost and Seasonally Frozen Ground	
	WEP	305	SAR Calibration and Validation	
	WEP	317	SAR Instruments, Mitigation, Simulation	
	WEP	329	Active Microwave Calibration and New Sensor I	
	WEP	341	Active Microwave Calibration and New Sensor II	
	WEP	345	Advances in Microwave Radiometers and Calibration Techniques	
	WEP	355	Microwave Radiometer Missions	
	WEP	365	Lidar Performance and Processing	
	WEP	368	Hyperspectral Applications: Passive Optical and Hyperspectral Sensors	
	WEP	384	UAV Sensors, Platforms and Technology	
	WEP	387	Ground-Based Systems	
WEP	725	Hyperspectral Imagery for the Monitoring of the Environment	*Video Poster	
WEP	737	Remote Sensing of Snow Properties I	*Video Poster	

a) Poster placement from Monday 12:00 to Wednesday 08:00 (for Monday and Tuesday posters) and Wednesday 12:00 to Friday 08:00 (for Wednesday and Thursday posters)

b) Authors are required to be present for poster presentation from 17:20 to 19:00 on the day scheduled for the presentation. Posters should be attached to the boards for two days. It is recommended to stay both days for discussion in front of your poster.

c) Video Poster Presentation from 17:30 to 18:30: Boards 725 - 748 on Monday and Wednesday; Boards 749 - 772 on Tuesday and Thursday (5 minutes for each poster)

Technical Program Overview - Poster Sessions

Thursday, July 26

	Day Code	Starting Board Number	Session Name	
17:20 - 19:00	THP	398	Scattering and SAR Techniques I	
	THP	410	Scattering and SAR Techniques II	
	THP	422	Scattering and SAR Techniques III	
	THP	426	SAR Polarimetry I	
	THP	436	SAR Polarimetry II	
	THP	442	SAR Image Analysis	
	THP	449	Image Information: Environmental and Hazard Applications	
	THP	459	Image Information Extraction: Detection of Man-made Features	
	THP	470	Information Extraction for Atmospheric and Environmental Applications	
	THP	480	Information Extraction: Signal Processing Applications	
	THP	490	Information Extraction: Classification and Fusion	
	THP	498	Image Information Extraction	
	THP	508	Land Cover and Change	
	THP	520	Land Cover: Urban and Interface Areas	
	THP	531	Change and Forests	
	THP	542	Mapping Change	
	THP	553	Change in Land Cover	
	THP	565	Biodiversity and Forest Health	
	THP	574	Forest Biomass and Carbon	
	THP	583	Change Detection I	
	THP	593	Vegetation Phenology and Productivity	
	THP	604	Foliage and Canopy Characterisation	
	THP	613	Retrieval of Forest Structural Attributes	
	THP	623	Characterising Land Surfaces	
	THP	631	Quantifying Vegetation Processes and Structure	
	THP	641	Remote Sensing for Disease and Environmental Stress Detection	
	THP	652	Urban Remote Sensing II	
	THP	749	Modeling and Estimation of Hydrological and Vegetation Parameters in Agricultural Regions	*Video Poster
THP	761	Urban Remote Sensing I	*Video Poster	

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