GI – Geosciences Instrumentation & Data Systems (#EGU18GI) – Orals

Monday, 09 April	
MO1, 08:30–10:00	**GI0.2/AS4.23/BG1.27/CL5.15/EMRP4.36/ERE1.8/G6.2/GD1.2/GM12.5/GMPV10.10/HS11.1/NH9.24/NP9.2/SM1.11/SSP1.3/SSS13.70/TS1.8**, COST Actions in Geosciences: breakthrough ideas, research activities and results (co-organized), **08:30–11:45**, **Room 0.49**
	IE4.5/AS5.14/BG1.22/CL5.26/EMRP4.35/ESSI2.12/GD10.7/GI1.7, Information extraction from satellite observations using data-driven methods (co-organized), **08:30–10:00**, **Room N2**
	EMRP2.5/GD4.2/GI2.12/PS6.1/ST2.11, Earth's and planetary magnetic fields: spatial and temporal characteristics (co-organized), **08:30–10:00**, **Room K1**
	NH3.3/GI2.16/SSS13.47, Characterizing and monitoring landslide processes using remote sensing and geophysics (Co-sponsored by JpGU) (co-organized), **08:30–12:00**, **Room L7**
	GMPV5.2/GI3.9/SM6.04, Geophysical imaging of volcanoes (co-organized), **08:30–12:00**, **Room G1**
MO2, 10:30–12:00	**GI0.2/AS4.23/BG1.27/CL5.15/EMRP4.36/ERE1.8/G6.2/GD1.2/GM12.5/GMPV10.10/HS11.1/NH9.24/NP9.2/SM1.11/SSP1.3/SSS13.70/TS1.8**, COST Actions in Geosciences: breakthrough ideas, research activities and results (co-organized), **08:30–11:45**, **Room 0.49**
	NH3.3/GI2.16/SSS13.47, Characterizing and monitoring landslide processes using remote sensing and geophysics (Co-sponsored by JpGU) (co-organized), **08:30–12:00**, **Room L7**
	GMPV5.2/GI3.9/SM6.04, Geophysical imaging of volcanoes (co-organized), **08:30–12:00**, **Room G1**
	GDB2, Hands on or hands off?, **10:30–12:00**, **Room E1**
MOL, 12:15–13:15	**PCN2**, EGU Plenary, **12:15–13:15**, **Room E1**
MO3, 13:30–15:00	**GI2.1/AS5.2/BG1.29/CL5.27/NH1.19/PS5.4/ST4.9**, Atmospheric and Meteorological Instrumentation (co-organized), **13:30–15:00**, **Room 0.49**
	NH9.12/AS5.17/CL5.30/ESSI1.9/GI0.4/GMPV6.12/HS11.44/SM3.15/SSS13.66, Methods and Tools for Natural Risk Management and Communications – Innovative ways of delivering information to end users and sharing data among the scientific community (co-organized), **13:30–15:00**, **Room L8**
	US2, The future of Earth and Planetary Observations from Space, **13:30–17:00**, **Room E1**
MO4, 15:30–17:00	**GI1.4/GMPV10.1/NH11.9/SM5.04**, New frontiers of multiscale monitoring, analysis and modeling of environmental systems (co-organized), **15:30–17:00**, **Room 0.49**
	GM2.3/CR2.6/GI3.15/GMPV10.3/HS11.18/NH4.6/SM1.04/SSS13.22, Environmental Seismology: Deciphering Earth’s surface processes with seismic methods (co-organized), **15:30–17:00**, **Room 0.31**
	US2, The future of Earth and Planetary Observations from Space, **13:30–17:00**, **Room E1**
Tuesday, 10 April	
TU1, 08:30–10:00	**GI0.1**, Open Session on Geosciences Instrumentation and Methods (including Christiaan Huygens Medal Lecture), **08:30–11:00**, **Room M2**

	BG1.24/GI2.19, Remote Sensing and its applications in the Biogeosciences with the COST OPTIMISE Action and MDPI Journal Sensors. (co-organized), **08:30–09:45**, **Room 2.20**
TU1b, 09:00–10:00	**US1**, Past achievements and future challenges for the Geosciences (co-sponsored by AGU), **09:00–12:00**, **Room E1**
TU2, 10:30–12:00	**GI0.1**, Open Session on Geosciences Instrumentation and Methods (including Christiaan Huygens Medal Lecture), **08:30–11:00**, **Room M2**
	ML10/GI, Christiaan Huygens Medal Lecture by Jothiram Vivekanandan (co-organized), **11:00–12:00**, **Room M2**
	NH3.5/GI3.18, Large slope instabilities: characterisation, dating, triggering, monitoring and modelling (Co-sponsored by JpGU) (co-organized), **10:30–12:00**, **Room L1**
	US1, Past achievements and future challenges for the Geosciences (co-sponsored by AGU), **09:00–12:00**, **Room E1**
TUL, 12:15–13:15	**DM10/GI**, Division meeting for Geosciences Instrumentation and Data Systems (GI) (co-organized), **12:15–13:15**, **Room M2**
TU3, 13:30–15:00	**IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21**, High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), **13:30–17:00**, **Room N2**
	NH9.9/AS5.20/GI1.9/HS11.41/SSS13.64, Monitoring and modelling of dangerous phenomena: innovative, low-cost techniques, tools and constraint of engineering-geological models for hazard evaluation and risk mitigation (co-organized), **13:30–15:00**, **Room L8**
	BG1.23/GI2.15, Remote Sensing for forest applications (co-organized), **13:30–17:00**, **Room 2.20**
	GDB4, Low-risk geo-engineering: are techniques available now?, **13:30–15:00**, **Room E1**
TU4, 15:30–17:00	**GI2.6/AS4.20/EMRP4.7/NH11.11**, Geoscience applications of environmental radioactivity (co-organized), **15:30–17:00**, **Room 0.49**
	IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21, High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), **13:30–17:00**, **Room N2**
	ESSI2.8/GI1.6, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized), **15:30–17:00**, **Room L4/5**
	BG1.23/GI2.15, Remote Sensing for forest applications (co-organized), **13:30–17:00**, **Room 2.20**
	PS5.2/GI2.21, Space Instrumentation, Planetary landers and Rovers (co-organized), **15:30–17:00**, **Room 1.61**
TU6a, 19:00–20:30	**GDB3**, The Early Career Scientists' Great Debate: Should early career scientists use time developing transferrable skills?, **19:00–20:30**, **Room E1**

Wednesday, 11 April

WE1, 08:30–10:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **08:30–12:00**, **Room 0.49**
	GI2.9/AS5.22/NH6.14/PS5.6, Calibration/Validation of Earth Satellite Measurements (co-organized), **08:30–12:00**, **Room M2**
	US4, Fifty years of International Ocean Drilling, **08:30–12:00**, **Room E1**
WE2, 10:30–12:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **08:30–12:00**, **Room 0.49**

	GI2.9/AS5.22/NH6.14/PS5.6, Calibration/Validation of Earth Satellite Measurements (co-organized), **08:30–12:00**, **Room M2**
	US4, Fifty years of International Ocean Drilling, **08:30–12:00**, **Room E1**
WE3, 13:30–15:00	**GI2.4/NH6.8/PS4.9**, Sentinels for Science: Advances in Land dynamics and processes understanding (co-organized), **13:30–15:00**, **Room M2**
WE4, 15:30–17:00	**GI2.3/NH6.9/PS6.5**, Sentinels for Science: Advances in Ocean science and Cryosphere research (co-organized), **15:30–17:00**, **Room M2**
WE5, 17:30–19:00	**PCN3**, EGU Award ceremony, **17:30–20:00**, **Room E1**
WE6, 19:00–20:00	**PCN3**, EGU Award ceremony, **17:30–20:00**, **Room E1**
Thursday, 12 April	
TH1, 08:30–10:00	**GI1.2/AS4.21/BG1.31/EMRP4.4/ERE5.6/HS11.11/NH8.8/OS4.11/SSS13.16**, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **08:30–12:00**, **Room 0.49**
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **08:30–15:00**, **Room L6**
	US3, Cassini and future perspectives for the exploration of the outer solar system, **08:30–12:00**, **Room E1**
TH2, 10:30–12:00	**GI1.2/AS4.21/BG1.31/EMRP4.4/ERE5.6/HS11.11/NH8.8/OS4.11/SSS13.16**, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **08:30–12:00**, **Room 0.49**
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **08:30–15:00**, **Room L6**
	US3, Cassini and future perspectives for the exploration of the outer solar system, **08:30–12:00**, **Room E1**
TH3, 13:30–15:00	**GI3.5/EMRP4.11/HS11.14/NH11.12**, Innovative instrumentations, techniques, geophysical methods and models for near surface geophysics, cities and transport infrastructures (including GI Division Outstanding ECS Lecture) (co-organized), **13:30–17:00**, **Room 0.49**
	ML40/GI, GI Division Outstanding ECS Lecture by Giovanni Ludeno (co-organized), **13:30–14:00**, **Room 0.49**
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **08:30–15:00**, **Room L6**
	BG4.12/GI2.26, Global Earth observation and in-situ data for improved understanding of terrestrial ecosystem dynamics (co-organized), **13:30–17:00**, **Room L2**
	NH3.8/GI3.19/SSS13.49, Fast flow-like landslides in alpine and volcanic environment. Advances on monitoring, modelling and risk management (co-organized), **13:30–15:00**, **Room L8**
	GDB5, Natural versus anthropogenic threats for life on Earth, **13:30–15:00**, **Room E1**
TH4, 15:30–17:00	**GI3.5/EMRP4.11/HS11.14/NH11.12**, Innovative instrumentations, techniques, geophysical methods and models for near surface geophysics, cities and transport infrastructures (including GI Division Outstanding ECS Lecture) (co-organized), **13:30–17:00**, **Room 0.49**
	BG4.12/GI2.26, Global Earth observation and in-situ data for improved understanding of terrestrial ecosystem dynamics (co-organized), **13:30–17:00**, **Room L2**

Friday, 13 April	
FR1, 08:30–10:00	**GI3.3/EMRP4.10/NH9.23/PS4.10**, Cultural Heritage resilience against climate events and other risks: modelling, remote and in-situ sensing, material characterization and ICT tools (co-sponsored by JpGU) (co-organized), **08:30–10:00**, **Room L3**
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55, Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), **08:30–15:00**, **Room L6**
	US5, Scientific research in a changing European Union: where we stand and what we aim for?, **08:30–10:00**, **Room E1**
FR2, 10:30–12:00	**GI1.1/EMRP4.3/ESSI2.10/SSS13.15**, Applications of Data, Methods and Models in Geosciences (co-organized), **10:30–12:00**, **Room L3**
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55, Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), **08:30–15:00**, **Room L6**
FR3, 13:30–15:00	**GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7**, Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), **13:30–17:00**, **Room L3**
	AS3.14/GI2.14, MAX-DOAS and other scattered light DOAS systems: instruments, techniques and applications (co-organized) (co-organized), **13:30–15:00**, **Room 0.88**
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55, Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), **08:30–15:00**, **Room L6**
FR4, 15:30–17:00	**GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7**, Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), **13:30–17:00**, **Room L3**
	AS5.3/GI2.11, Advanced Spectroscopic Measurement Techniques for Atmospheric Science (co-organized) (co-organized), **15:30–17:00**, **Room 0.88**

GI – Geosciences Instrumentation & Data Systems (#EGU18GI) – PICO

Monday, 09 April	
MO2, 10:30–12:00	**GI3.8/AS5.16/HS6.10/SSS13.14**, Thermal LWIR and MWIR, broadband - multi/hyperspectral, proximal and remote sensing: algorithms for environmental studies, retrieval of geophysical variables and monitoring infrastructures (co-organized), **PICO spot 1**
MO3, 13:30–15:00	**CL5.02/AS5.7/BG1.38/GD10.9/GI0.5/GM2.10/GMPV10.9/HS11.25/NH11.1/NP9.4/OS4.14/PS6.4/SM7.04/SSP1.12/SSS13.12/ST4.8/TS11.9**, The development of geoscientific modelling (co-organized), **PICO spot 5a**
MO4, 15:30–17:00	**IE3.4/TS11.7/GD10.3/GI3.17/GM2.13/GMPV10.7/HS11.3/NH6.4/SSP1.8**, Imaging techniques in laboratory modelling of geological processes (co-organized), **PICO spot 4**
	CL5.02/AS5.7/BG1.38/GD10.9/GI0.5/GM2.10/GMPV10.9/HS11.25/NH11.1/NP9.4/OS4.14/PS6.4/SM7.04/SSP1.12/SSS13.12/ST4.8/TS11.9, The development of geoscientific modelling (co-organized), **PICO spot 5a**
Tuesday, 10 April	
TU2, 10:30–12:00	**IE3.1/GI0.3/BG1.35/CR2.8/ESSI4.4/GM2.12/NH6.5**, Close and Long Range Sensing of Environment (co-sponsored by ISPRS) (co-organized), **PICO spot 4**
TU3, 13:30–15:00	**PS5.1/GD1.3/GI2.22/NH6.12/ST1.10**, New mission concepts for planetary exploration (co-organized), **PICO spot 4**
TU4, 15:30–17:00	**IE3.2/NH6.3/CR2.10/EMRP4.34/GI2.10/GM2.15/GMPV5.5/HS11.54/SSS13.75**, The use of Remotely Piloted Aircraft Systems (RPAS) in monitoring applications and management of natural hazards (co-organized), **PICO spot 4**
Thursday, 12 April	
TH1, 08:30–10:00	**GI3.4/BG7.5/HS11.13/NH1.21**, Instrumentation & measurements for water systems (co-organized), **PICO spot 1**
	GM2.1/GI3.12/NH11.3/SSS13.20, Frontiers in Geomorphometry and Earth Surface Dynamics: Possibilities, Limitations and Perspectives (co-organized), **PICO spot 5b**
Friday, 13 April	
FR3, 13:30–15:00	**NH6.7/GI2.23/SSS13.57**, Hazard and risk assessment of climate related impacts on Agricultural and Forested Ecosystems using Remote Sensing and modelling (co-organized), **PICO spot 4**

GI – Geosciences Instrumentation & Data Systems (#EGU18GI) – Posters

Monday, 09 April	
MO5, 17:30–19:00	**GI0.2/AS4.23/BG1.27/CL5.15/EMRP4.36/ERE1.8/G6.2/GD1.2/GM12.5/GMPV10.10/HS11.1/NH9.24/NP9.2/SM1.11/SSP1.3/SSS13.70/TS1.8**, COST Actions in Geosciences: breakthrough ideas, research activities and results (co-organized), **Hall X1**, **X1.1–X1.28**
	GI1.4/GMPV10.1/NH11.9/SM5.04, New frontiers of multiscale monitoring, analysis and modeling of environmental systems (co-organized), **Hall X1**, **X1.29–X1.53**
	GI2.1/AS5.2/BG1.29/CL5.27/NH1.19/PS5.4/ST4.9, Atmospheric and Meteorological Instrumentation (co-organized), **Hall X1**, **X1.54–X1.74**
	IE4.5/AS5.14/BG1.22/CL5.26/EMRP4.35/ESSI2.12/GD10.7/GI1.7, Information extraction from satellite observations using data-driven methods (co-organized), **Hall X5**, **X5.226–X5.237**
	NH9.12/AS5.17/CL5.30/ESSI1.9/GI0.4/GMPV6.12/HS11.44/SM3.15/SSS13.66, Methods and Tools for Natural Risk Management and Communications – Innovative ways of delivering information to end users and sharing data among the scientific community (co-organized), **Hall X1**, **X1.216–X1.233**
	SSS12.1/GI1.11/GM2.14, Learning from spatial data: unveiling the geo-environment through quantitative approaches (co-organized), **Hall X3**, **X3.253–X3.263**
	EMRP2.5/GD4.2/GI2.12/PS6.1/ST2.11, Earth's and planetary magnetic fields: spatial and temporal characteristics (co-organized), **Hall X2**, **X2.80–X2.102**
	NH3.3/GI2.16/SSS13.47, Characterizing and monitoring landslide processes using remote sensing and geophysics (Co-sponsored by JpGU) (co-organized), **Hall X1**, **X1.75–X1.103**
	GMPV5.2/GI3.9/SM6.04, Geophysical imaging of volcanoes (co-organized), **Hall X2**, **X2.393–X2.418**
	GM2.3/CR2.6/GI3.15/GMPV10.3/HS11.18/NH4.6/SM1.04/SSS13.22, Environmental Seismology: Deciphering Earth’s surface processes with seismic methods (co-organized), **Hall X1**, **X1.294–X1.312**
Tuesday, 10 April	
TU2, 10:30–12:00	**BG1.24/GI2.19**, Remote Sensing and its applications in the Biogeosciences with the COST OPTIMISE Action and MDPI Journal Sensors. (co-organized), **Hall A**, **A.383–A.404**
TU5, 17:30–19:00	**GI0.1**, Open Session on Geosciences Instrumentation and Methods (including Christiaan Huygens Medal Lecture), **Hall X4**, **X4.285–X4.301**
	GI2.6/AS4.20/EMRP4.7/NH11.11, Geoscience applications of environmental radioactivity (co-organized), **Hall X4**, **X4.302–X4.318**
	IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21, High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), **Hall X2**, **X2.51–X2.72**
	NH9.9/AS5.20/GI1.9/HS11.41/SSS13.64, Monitoring and modelling of dangerous phenomena: innovative, low-cost techniques, tools and constraint of engineering-geological models for hazard evaluation and risk mitigation (co-organized), **Hall X1**, **X1.276–X1.296**
	BG1.23/GI2.15, Remote Sensing for forest applications (co-organized), **Hall A**, **A.350–A.382**

	PS5.2/GI2.21, Space Instrumentation, Planetary landers and Rovers (co-organized), **Hall X4**, **X4.218–X4.230**
	NH3.5/GI3.18, Large slope instabilities: characterisation, dating, triggering, monitoring and modelling (Co-sponsored by JpGU) (co-organized), **Hall X1**, **X1.168–X1.188**
Wednesday, 11 April	
WE4, 15:30–17:00	**ESSI2.8/GI1.6**, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized), **Hall X3**, **X3.49–X3.58**
WE5, 17:30–19:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **Hall X4**, **X4.262–X4.281**
	GI2.3/NH6.9/PS6.5, Sentinels for Science: Advances in Ocean science and Cryosphere research (co-organized), **Hall X4**, **X4.282–X4.297**
	GI2.4/NH6.8/PS4.9, Sentinels for Science: Advances in Land dynamics and processes understanding (co-organized), **Hall X4**, **X4.298–X4.313**
	GI2.9/AS5.22/NH6.14/PS5.6, Calibration/Validation of Earth Satellite Measurements (co-organized), **Hall X4**, **X4.314–X4.331**
	NH2.1/GI3.21/GMPV6.3, Volcano Records and Quantification of Volcanic Hazards (co-organized), **Hall X1**, **X1.116–X1.127**
Thursday, 12 April	
TH5, 17:30–19:00	**GI1.2/AS4.21/BG1.31/EMRP4.4/ERE5.6/HS11.11/NH8.8/OS4.11/SSS13.16**, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **Hall X1**, **X1.41–X1.58**
	GI1.3/AS5.15/BG1.30/CL5.10/EMRP4.5/ESSI1.6/HS11.12/SM5.03, Environmental sensor network (co-organized), **Hall X1**, **X1.59–X1.66**
	GI2.2/AS1.4/NH1.20, Weather and environmental observations and short term forecasting to increase safety and airport capacity (co-organized), **Hall X1**, **X1.67–X1.74**
	GI2.5/AS5.18/EMRP4.13/NH6.13, Unmanned aerial vehicle (UAV) as a new, emerging instrument in Geosciences (co-organized), **Hall X1**, **X1.75–X1.92**
	GI3.3/EMRP4.10/NH9.23/PS4.10, Cultural Heritage resilience against climate events and other risks: modelling, remote and in-situ sensing, material characterization and ICT tools (co-sponsored by JpGU) (co-organized), **Hall X1**, **X1.93–X1.107**
	GI3.5/EMRP4.11/HS11.14/NH11.12, Innovative instrumentations, techniques, geophysical methods and models for near surface geophysics, cities and transport infrastructures (including GI Division Outstanding ECS Lecture) (co-organized), **Hall X1**, **X1.108–X1.129**
	GI3.6/EMRP4.12/ERE2.3/SSP1.9/SSS13.18, Geoscientific Underground Labs and Test Sites (co-organized), **Hall X1**, **X1.130–X1.140**
	OS4.10/AS4.8/ERE1.7/GI2.13/NH11.7, Benefits and Detriments of Geoengineering in the Ocean-Atmosphere System (co-organized), **Hall X4**, **X4.67–X4.72**
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **Hall X1**, **X1.236–X1.270**
	BG4.12/GI2.26, Global Earth observation and in-situ data for improved understanding of terrestrial ecosystem dynamics (co-organized), **Hall A**, **A.470–A.495**

	NH3.8/GI3.19/SSS13.49, Fast flow-like landslides in alpine and volcanic environment. Advances on monitoring, modelling and risk management (co-organized), **Hall X1**, **X1.182–X1.198**
Friday, 13 April	
FR1, 08:30–10:00	**AS3.14/GI2.14**, MAX-DOAS and other scattered light DOAS systems: instruments, techniques and applications (co-organized) (co-organized), **Hall X5**, **X5.172–X5.196**
FR5, 17:30–19:00	**GI1.1/EMRP4.3/ESSI2.10/SSS13.15**, Applications of Data, Methods and Models in Geosciences (co-organized), **Hall X4**, **X4.223–X4.241**
	GI2.7/AS4.16/CL5.23/EMRP4.8/HS11.13/PS4.7, Cosmic rays across scales and disciplines: the new frontier in environmental research (co-organized), **Hall X4**, **X4.242–X4.259**
	AS5.3/GI2.11, Advanced Spectroscopic Measurement Techniques for Atmospheric Science (co-organized) (co-organized), **Hall X5**, **X5.283–X5.300**
	NH8.4/BG1.19/GI2.20/OS3.5, Ecosystem-based approaches to coastal Disaster Risk Reduction: new tools for numerical modelling and monitoring using Remote Sensing techniques (co-organized), **Hall X1**, **X1.269–X1.275**
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55, Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), **Hall X1**, **X1.189–X1.224**