

TS – Tectonics & Structural Geology (#EGU18TS) – Orals

Monday, 09 April

MO1 , 08:30–10:00	TS7.3/GD2.6/GM4.6/SM2.08/SSP2.19 , Style of deformation and tectono-sedimentary evolution of fold-and-thrust belts and foreland basins : from nature to models (co-organized), 08:30–15:00, Room D2
	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
	GMPV3.1/TS3.9 , Progress in Metamorphic Geology: Multi-scale Model Testing from Minerals to Tectonic Plates (co-organized), 08:30–12:00, Room -2.21
	SSP2.7/TS6.7 , Stratigraphy, structure and evolution of the European continental margins – a tribute to J.P. Henriot (co-organized), 08:30–10:00, Room D1
	GD5.1/EMRP4.19/GMPV2.4/SM4.18/TS9.4 , Subduction dynamics from surface to deep mantle (co-organized), 08:30–17:00, Room D3
MO2 , 10:30–12:00	TS7.3/GD2.6/GM4.6/SM2.08/SSP2.19 , Style of deformation and tectono-sedimentary evolution of fold-and-thrust belts and foreland basins : from nature to models (co-organized), 08:30–15:00, Room D2
	TS10.2 , Hypervelocity impact cratering: Mechanics and environmental consequences, 10:30–12:00, Room 1.61
	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
	GMPV3.1/TS3.9 , Progress in Metamorphic Geology: Multi-scale Model Testing from Minerals to Tectonic Plates (co-organized), 08:30–12:00, Room -2.21
	GD5.1/EMRP4.19/GMPV2.4/SM4.18/TS9.4 , Subduction dynamics from surface to deep mantle (co-organized), 08:30–17:00, Room D3
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	TS6.2/GD6.3/SM2.16 , From break-up to spreading: Multi-scale Observations and Models of end-of-rift, Continent-Ocean Transition, and Spreading Initiation (co-organized), 13:30–15:00, Room G2
	TS7.3/GD2.6/GM4.6/SM2.08/SSP2.19 , Style of deformation and tectono-sedimentary evolution of fold-and-thrust belts and foreland basins : from nature to models (co-organized), 08:30–15:00, Room D2
	GMPV3.2/GD2.5/TS2.7 , Shaping the lithosphere: fluid-rock interaction, deformation and volatiles cycle (co-organized), 13:30–17:00, Room -2.21
	EMRP1.8/SM2.19/TS3.11 , Contribution of high-pressure mineralogy and rheology to the understanding of the Earth dynamics – in memoriam of Harry W. Green II (co-organized), 13:30–15:00, Room 1.61
	GM2.7/SSP3.26/TS4.7 , Dates & Rates: Deciphering and Quantifying Geomorphological Processes and Landscape Dynamics (co-organized), 13:30–15:00, Room 0.31
GD5.1/EMRP4.19/GMPV2.4/SM4.18/TS9.4 , Subduction dynamics from surface to deep mantle (co-organized), 08:30–17:00, Room D3	

	US2 , The future of Earth and Planetary Observations from Space, 13:30–17:00, Room E1
MO4 , 15:30–17:00	TS6.3/GD6.4/SM2.15 , Formation and reactivation of small oceanic domains and hyperextended rift basins (co-organized), 15:30–17:00, Room G2
	TS7.2/SSP3.27 , Orogeny: unravelling key events in mountain belts and their basins (co-organized), 15:30–17:00, Room D2
	GMPV3.2/GD2.5/TS2.7 , Shaping the lithosphere: fluid-rock interaction, deformation and volatiles cycle (co-organized), 13:30–17:00, Room -2.21
	GD5.1/EMRP4.19/GMPV2.4/SM4.18/TS9.4 , Subduction dynamics from surface to deep mantle (co-organized), 08:30–17:00, Room D3
	US2 , The future of Earth and Planetary Observations from Space, 13:30–17:00, Room E1
Tuesday, 10 April	
TU1 , 08:30–10:00	TS6.1/GD6.2/GM4.7/GMPV8.6/SSP3.17 , Evolution and architecture of rifts and passive margins: from mantle dynamics to surface processes (co-organized), 08:30–17:00, Room D2
	TS9.2/GD5.7/GMPV8.4/SM1.09 , Subduction interface properties and large subduction earthquakes: integrating geological and geophysical observations, laboratory results, and numerical modeling (co-sponsored by JpGU) (co-organized), 08:30–12:00, Room D1
	EMRP2.6/GD2.9/TS1.3 , Advancements in magnetic field and electromagnetic induction exploration of the Earth's interior (co-organized) (co-organized), 08:30–12:00, Room K1
	GMPV4.1/G3.7/GM7.7/NH2.8/TS10.3 , Volcanic processes: Tectonics, Deformation, Geodesy (co-organized), 08:30–15:00, Room D3
	GMPV3.3/BG5.4/TS10.5 , From hydrothermal systems to mud volcanoes: structure, evolution and monitoring of active and fossil piercements (co-organized), 08:30–10:00, Room -2.21
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	TS6.1/GD6.2/GM4.7/GMPV8.6/SSP3.17 , Evolution and architecture of rifts and passive margins: from mantle dynamics to surface processes (co-organized), 08:30–17:00, Room D2
	TS9.2/GD5.7/GMPV8.4/SM1.09 , Subduction interface properties and large subduction earthquakes: integrating geological and geophysical observations, laboratory results, and numerical modeling (co-sponsored by JpGU) (co-organized), 08:30–12:00, Room D1
	EMRP2.6/GD2.9/TS1.3 , Advancements in magnetic field and electromagnetic induction exploration of the Earth's interior (co-organized) (co-organized), 08:30–12:00, Room K1
	GMPV3.4/EMRP4.14/TS2.5 , Pores, cracks, fluids and permeability in rocks and magmas (co-organized), 10:30–12:00, Room -2.21
	GMPV4.1/G3.7/GM7.7/NH2.8/TS10.3 , Volcanic processes: Tectonics, Deformation, Geodesy (co-organized), 08:30–15:00, Room D3
	US1 , Past achievements and future challenges for the Geosciences (co-sponsored by AGU), 09:00–12:00, Room E1
TUL , 12:15–13:15	ML3/GD/TS , Arthur Holmes Medal Lecture by A. M. Celâl ?engör (co-organized), 12:15–13:15, Room E1
TU3 , 13:30–15:00	TS3.1/GMPV8.10 , Strain localization from the grain- to the plate-scale: rheology, mechanics and anisotropy (including tephau Mueller Medal Lecture) (co-organized), 13:30–17:00, Room D1
	TS6.1/GD6.2/GM4.7/GMPV8.6/SSP3.17 , Evolution and architecture of rifts and passive margins: from mantle dynamics to surface processes (co-organized), 08:30–17:00, Room D2

	GM1.2/BG4.5/HS11.15/SSS13.17/TS1.4 , Beyond the case study: The essential role of concepts and history in Earth Sciences (co-organized), 13:30–15:00, Room G2
	GD6.1/GMPV8.2/TS6.6 , Models and Observations of Vertical Motion (Move-On) related to rifting, and post-breakup evolution of passive margins: Linking observations to theoretical predictions in geodynamics (co-organized), 13:30–17:00, Room -2.21
	GMPV4.1/G3.7/GM7.7/NH2.8/TS10.3 , Volcanic processes: Tectonics, Deformation, Geodesy (co-organized), 08:30–15:00, Room D3
	EMRP3.4/GD9.6/GMPV7.5/TS11.10 , Paleomagnetism and magnetic fabric: Recent advances and links to tectonics and deep Earth dynamics (co-organized), 13:30–17:00, Room K1
	GDB4 , Low-risk geo-engineering: are techniques available now?, 13:30–15:00, Room E1
TU4 , 15:30–17:00	TS3.1/GMPV8.10 , Strain localization from the grain- to the plate-scale: rheology, mechanics and anisotropy (including tephau Mueller Medal Lecture) (co-organized), 13:30–17:00, Room D1
	TS6.1/GD6.2/GM4.7/GMPV8.6/SSP3.17 , Evolution and architecture of rifts and passive margins: from mantle dynamics to surface processes (co-organized), 08:30–17:00, Room D2
	ML30/TS , Stephan Mueller Medal Lecture by John P. Platt (co-organized), 16:00–17:00, Room D1
	GM2.5/SSP3.28/SSS13.19/TS4.10 , Modelling erosion and sediment production, transport and deposition across landscapes (co-organized), 15:30–17:00, Room G2
	GD6.1/GMPV8.2/TS6.6 , Models and Observations of Vertical Motion (Move-On) related to rifting, and post-breakup evolution of passive margins: Linking observations to theoretical predictions in geodynamics (co-organized), 13:30–17:00, Room -2.21
	EMRP3.4/GD9.6/GMPV7.5/TS11.10 , Paleomagnetism and magnetic fabric: Recent advances and links to tectonics and deep Earth dynamics (co-organized), 13:30–17:00, Room K1
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	TS2.2/GMPV3.8 , The timing of faulting, fracturing and fluid-flow in the upper crust (co-organized), 08:30–10:00, Room K1
	TS7.12/GD8.6/SM4.13 , The Alps and neighbouring mountain belts (Apennines, Dinarides, Carpathians): a multidisciplinary vision (AlpArray) (co-organized), 08:30–15:00, Room D2
	EMRP1.3/GMPV3.5/NH3.17/SM2.04/TS2.4 , Rock Physics and geomechanical characterisation of rocks from the micro to macroscale: fabric, fractures and fluids (co-organized), 08:30–12:00, Room 0.96
	GM4.1/SSP3.21/TS4.9 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room D1
	GD7.1/GMPV8.7/SM4.15/TS9.12 , The structure and evolution of the oceanic lithosphere: interplay between magmatic, tectonic and hydrothermal processes at spreading ridges (co-organized), 08:30–12:00, Room -2.47
	US4 , Fifty years of International Ocean Drilling, 08:30–12:00, Room E1
WE2 , 10:30–12:00	TS2.1/SM2.06 , Faults and the deformation they cause: from outcrops to models (co-organized), 10:30–12:00, Room K1

	TS7.12/GD8.6/SM4.13 , The Alps and neighbouring mountain belts (Apennines, Dinarides, Carpathians): a multidisciplinary vision (AlpArray) (co-organized), 08:30–15:00, Room D2
	EMRP1.3/GMPV3.5/NH3.17/SM2.04/TS2.4 , Rock Physics and geomechanical characterisation of rocks from the micro to macroscale: fabric, fractures and fluids (co-organized), 08:30–12:00, Room 0.96
	GM4.1/SSP3.21/TS4.9 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room D1
	GD7.1/GMPV8.7/SM4.15/TS9.12 , The structure and evolution of the oceanic lithosphere: interplay between magmatic, tectonic and hydrothermal processes at spreading ridges (co-organized), 08:30–12:00, Room -2.47
	US4 , Fifty years of International Ocean Drilling, 08:30–12:00, Room E1
WEL , 12:15–13:15	DM22/TS , Division meeting for Tectonics and Structural Geology (TS) (co-organized), 12:15–13:15, Room D2
WE3 , 13:30–15:00	TS7.12/GD8.6/SM4.13 , The Alps and neighbouring mountain belts (Apennines, Dinarides, Carpathians): a multidisciplinary vision (AlpArray) (co-organized), 08:30–15:00, Room D2
	TS10.1 , Recent Advances in Salt Tectonics, 13:30–15:00, Room K1
	GD8.1/CR6.4/SM4.12/SSP2.18/TS1.6 , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), 13:30–15:00, Room -2.47
	GM4.1/SSP3.21/TS4.9 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room D1
	SC1.18/CL6.02/GM12.3/HS12.5/NH10.4/TS11.13 , Building and maintaining R packages (co-organized), 13:30–15:00, Room -2.16
WE4 , 15:30–17:00	TS7.11/GMPV9.1/SSP2.15 , The evolution of the Carpathians - Dinarides - Pannonian orogenic and sedimentary basins system (co-organized), 15:30–17:00, Room D2
	TS8.1/GD7.5/SM2.09 , Structural evolution of continental and oceanic strike-slip plate boundaries (co-organized), 15:30–17:00, Room K1
	GD8.2/CL4.21/CR8.4/EMRP4.20/SM4.11/TS1.7 , Unveiling the structure, evolution and influence of the Antarctic Lithosphere (co-organized), 15:30–17:00, Room -2.47
	ERE6.3/EMRP4.1/TS2.6 , Fracture, mechanics and flow in tight reservoirs (co-organized), 15:30–17:00, Room 0.49
	GM3.1/SSP2.12/TS4.10 , Eroding mountains and filling basins: Detrital records of erosion and sedimentation from source to sink (co-organized), 15:30–17:00, Room D1
	EMRP1.5/SM6.02/TS5.7 , Understanding fluid driven ruptures, from natural earthquakes to reservoirs induced seismicity (EMRP Division Outstanding ECS Lecture) (co-organized), 15:30–17:00, Room 0.96
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	TS5.2/G3.9/GD2.8/NH4.9/SM2.07 , The Interplay between Earthquakes, the Seismic Cycle and Long-term Deformation: Models and Observations (including TS Division Outstanding ECS Lecture) (co-organized), 08:30–12:00, Room K1

	TS7.4/GD5.5 , Geodynamics of Subduction and Continent Collision - comparison of ancient and modern collision orogens (co-organized), 08:30–12:00, Room 0.96
	TS7.7/GD8.8/GMPV9.5/SM2.14 , Dynamics and Structures of the Tethyan realm: Collisions and back-arcs from the Mediterranean to the Himalayas (co-organized), 08:30–12:00, Room D2
	GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9 , Long-term rheology and heat budget of deforming and reacting rocks: from laboratory to geological scales (including GD Division Outstanding ECS Lecture) (co-organized), 08:30–17:00, Room -2.21
	SC1.16/TS9.11 , GPlates: an open-source and cross-platform deep-time plate tectonic reconstruction platform (co-organized), 08:30–10:00, Room -2.91
	US3 , Cassini and future perspectives for the exploration of the outer solar system, 08:30–12:00, Room E1
TH2, 10:30–12:00	TS5.2/G3.9/GD2.8/NH4.9/SM2.07 , The Interplay between Earthquakes, the Seismic Cycle and Long-term Deformation: Models and Observations (including TS Division Outstanding ECS Lecture) (co-organized), 08:30–12:00, Room K1
	TS7.4/GD5.5 , Geodynamics of Subduction and Continent Collision - comparison of ancient and modern collision orogens (co-organized), 08:30–12:00, Room 0.96
	TS7.7/GD8.8/GMPV9.5/SM2.14 , Dynamics and Structures of the Tethyan realm: Collisions and back-arcs from the Mediterranean to the Himalayas (co-organized), 08:30–12:00, Room D2
	TS11.5/GD10.5 , Understanding the unknowns: recognition, quantification, influence and minimisation of uncertainty in the geosciences (co-organized), 10:30–12:00, Room -2.31
	ML48/TS , TS Division Outstanding ECS Lecture by Fabio Corbi (co-organized), 11:45–12:00, Room K1
	GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9 , Long-term rheology and heat budget of deforming and reacting rocks: from laboratory to geological scales (including GD Division Outstanding ECS Lecture) (co-organized), 08:30–17:00, Room -2.21
	US3 , Cassini and future perspectives for the exploration of the outer solar system, 08:30–12:00, Room E1
TH3, 13:30–15:00	TS5.4/SM1.06 , The 2016-2017 Central Italy seismic sequence: understanding earthquake faulting processes from Geodetic, Geological and Seismological data (co-organized), 13:30–15:00, Room K1
	TS7.8 , Geodynamic evolution of the Greater Caucasus Orogen, 13:30–17:00, Room 0.96
	TS7.10/GMPV9.3/SM2.12/SSP2.17 , Tectonics and Geodynamics of the Mediterranean (co-organized), 13:30–17:00, Room D2
	GMPV1.5/TS3.5 , Microstructures as an interpretative tool in igneous and metamorphic petrology (co-organized), 13:30–17:00, Room -2.47
	GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9 , Long-term rheology and heat budget of deforming and reacting rocks: from laboratory to geological scales (including GD Division Outstanding ECS Lecture) (co-organized), 08:30–17:00, Room -2.21
	GDB5 , Natural versus anthropogenic threats for life on Earth, 13:30–15:00, Room E1
TH4, 15:30–17:00	TS5.5/SM2.11 , Earthquakes and segmentations along the Himalaya (co-organized), 15:30–17:00, Room K1
	TS7.8 , Geodynamic evolution of the Greater Caucasus Orogen, 13:30–17:00, Room 0.96

	TS7.10/GMPV9.3/SM2.12/SSP2.17 , Tectonics and Geodynamics of the Mediterranean (co-organized), 13:30–17:00, Room D2
	GMPV1.5/TS3.5 , Microstructures as an interpretative tool in igneous and metamorphic petrology (co-organized), 13:30–17:00, Room -2.47
	GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9 , Long-term rheology and heat budget of deforming and reacting rocks: from laboratory to geological scales (including GD Division Outstanding ECS Lecture) (co-organized), 08:30–17:00, Room -2.21
Friday, 13 April	
FR1 , 08:30–10:00	TS5.1/NH4.8/SM3.02 , Paleoseismicity, active faulting, surface deformation, and the implications on seismic hazard assessment (Fault2SHA) (co-organized), 08:30–15:00, Room D2
	TS7.5/GD8.5 , Variscan and Altai orogens in Europe and Asia and their relative contribution to the building of Pangea supercontinent/Prototethys – Paleotethys – Neotethys: How to build the southern-central Eurasian continent (co-organized), 08:30–12:00, Room K1
	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	TS4.1/GD5.3/GM4.9 , Actio-Reactio; from subducting slabs to shaping the surface (co-organized), 10:30–12:00, Room G2
	TS5.1/NH4.8/SM3.02 , Paleoseismicity, active faulting, surface deformation, and the implications on seismic hazard assessment (Fault2SHA) (co-organized), 08:30–15:00, Room D2
	TS7.5/GD8.5 , Variscan and Altai orogens in Europe and Asia and their relative contribution to the building of Pangea supercontinent/Prototethys – Paleotethys – Neotethys: How to build the southern-central Eurasian continent (co-organized), 08:30–12:00, Room K1
	GMPV2.10/TS3.10 , Understanding granites – state of the art and ways ahead (co-organized), 10:30–12:00, Room -2.47
FR3 , 13:30–15:00	TS4.5/GM4.5/SSP3.19 , The Andean foreland basins: Tectonics, climate, surface processes, and georesources (co-organized), 13:30–15:00, Room K1
	TS5.1/NH4.8/SM3.02 , Paleoseismicity, active faulting, surface deformation, and the implications on seismic hazard assessment (Fault2SHA) (co-organized), 08:30–15:00, Room D2
	PS1.9/GMPV10.8/TS11.6 , 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), 13:30–17:00, Room M2
FR4 , 15:30–17:00	GD3.2/GMPV7.2/SM4.19/TS9.6 , Causes and consequences of mantle upwellings (co-organized), 15:30–17:00, Room D3
	PS1.9/GMPV10.8/TS11.6 , 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), 13:30–17:00, Room M2

TS – Tectonics & Structural Geology (#EGU18TS) – PICO

Monday, 09 April

MO2 , 10:30–12:00	TS3.2/SSP1.5 , New approaches to microstructure analysis and interpretation (co-organized), PICO spot 5b
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
	GD8.3/GMPV9.4/TS9.10 , The geology of the Azores: a comprehensive approach to understanding a unique geological, geochemical and geodynamic setting (co-organized), PICO spot 3
	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

TU1 , 08:30–10:00	TS11.4/SM4.05 , Unravelling the Earth subsurface structure from seismic imaging and interpretation, geological observations, and numerical experiments (co-organized), PICO spot 3
TU2 , 10:30–12:00	TS3.4/SM2.05 , The role and mechanisms of fracturing and seismicity in the ductile realm (co-organized), PICO spot 5b

Wednesday, 11 April

WE1 , 08:30–10:00	IE4.4/GM2.8/AS5.8/BG1.17/CL5.28/GD10.10/GMPV10.5/HS3.5/SSS13.77/TS11.12 , R and the benefit of low-cost solutions - democratic participation to face challenges in Earth science (co-organized), PICO spot 4
WE2 , 10:30–12:00	IE4.4/GM2.8/AS5.8/BG1.17/CL5.28/GD10.10/GMPV10.5/HS3.5/SSS13.77/TS11.12 , R and the benefit of low-cost solutions - democratic participation to face challenges in Earth science (co-organized), PICO spot 4

Thursday, 12 April

TH4 , 15:30–17:00	GD5.2/TS9.5 , From Oceanic to Continental Subductions (co-organized), PICO spot 3
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Friday, 13 April

FR2 , 10:30–12:00	TS11.2/GD10.2/GMPV10.2 , Analogue and numerical modelling of tectonic processes (co-organized), PICO spot 3
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TS – Tectonics & Structural Geology (#EGU18TS) – Posters

Monday, 09 April

MO5 , 17:30–19:00	TS6.2/GD6.3/SM2.16 , From break-up to spreading: Multi-scale Observations and Models of end-of-rift, Continent-Ocean Transition, and Spreading Initiation (co-organized), Hall X2, X2.135–X2.156
	TS6.3/GD6.4/SM2.15 , Formation and reactivation of small oceanic domains and hyperextended rift basins (co-organized), Hall X2, X2.157–X2.175
	TS7.2/SSP3.27 , Orogeny: unravelling key events in mountain belts and their basins (co-organized), Hall X2, X2.176–X2.198
	TS7.3/GD2.6/GM4.6/SM2.08/SSP2.19 , Style of deformation and tectono-sedimentary evolution of fold-and-thrust belts and foreland basins : from nature to models (co-organized), Hall X2, X2.199–X2.229
	TS10.2 , Hypervelocity impact cratering: Mechanics and environmental consequences, Hall X2, X2.230–X2.244
	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
	GMPV3.2/GD2.5/TS2.7 , Shaping the lithosphere: fluid-rock interaction, deformation and volatiles cycle (co-organized), Hall X2, X2.346–X2.373
	GMPV3.1/TS3.9 , Progress in Metamorphic Geology: Multi-scale Model Testing from Minerals to Tectonic Plates (co-organized), Hall X2, X2.326–X2.345
	EMRP1.8/SM2.19/TS3.11 , Contribution of high-pressure mineralogy and rheology to the understanding of the Earth dynamics – in memoriam of Harry W. Green II (co-organized), Hall X2, X2.32–X2.49
	GM2.7/SSP3.26/TS4.7 , Dates & Rates: Deciphering and Quantifying Geomorphological Processes and Landscape Dynamics (co-organized), Hall X1, X1.313–X1.332
	SSP2.7/TS6.7 , Stratigraphy, structure and evolution of the European continental margins – a tribute to J.P. Henriet (co-organized), Hall X1, X1.234–X1.247
GD5.1/EMRP4.19/GMPV2.4/SM4.18/TS9.4 , Subduction dynamics from surface to deep mantle (co-organized), Hall X2, X2.245–X2.287	

Tuesday, 10 April

TU5 , 17:30–19:00	TS3.1/GMPV8.10 , Strain localization from the grain- to the plate-scale: rheology, mechanics and anisotropy (including tephau Mueller Medal Lecture) (co-organized), Hall X2, X2.176–X2.198
	TS6.1/GD6.2/GM4.7/GMPV8.6/SSP3.17 , Evolution and architecture of rifts and passive margins: from mantle dynamics to surface processes (co-organized), Hall X2, X2.199–X2.245
	TS9.2/GD5.7/GMPV8.4/SM1.09 , Subduction interface properties and large subduction earthquakes: integrating geological and geophysical observations, laboratory results, and numerical modeling (co-sponsored by JpGU) (co-organized), Hall X2, X2.246–X2.273
	TS10.1 , Recent Advances in Salt Tectonics, Hall X2, X2.274–X2.284
	EMRP2.6/GD2.9/TS1.3 , Advancements in magnetic field and electromagnetic induction exploration of the Earth's interior (co-organized) (co-organized), Hall X2, X2.125–X2.142

GM1.2/BG4.5/HS11.15/SSS13.17/TS1.4 , Beyond the case study: The essential role of concepts and history in Earth Sciences (co-organized), Hall X2, X2.1–X2.15
GMPV3.4/EMRP4.14/TS2.5 , Pores, cracks, fluids and permeability in rocks and magmas (co-organized), Hall X2, X2.378–X2.392
GM2.5/SSP3.28/SSS13.19/TS4.10 , Modelling erosion and sediment production, transport and deposition across landscapes (co-organized), Hall X2, X2.73–X2.92
GD6.1/GMPV8.2/TS6.6 , Models and Observations of Vertical Motion (Move-On) related to rifting, and post-breakup evolution of passive margins: Linking observations to theoretical predictions in geodynamics (co-organized), Hall X2, X2.328–X2.352
GMPV4.1/G3.7/GM7.7/NH2.8/TS10.3 , Volcanic processes: Tectonics, Deformation, Geodesy (co-organized), Hall X2, X2.402–X2.438
GMPV3.3/BG5.4/TS10.5 , From hydrothermal systems to mud volcanoes: structure, evolution and monitoring of active and fossil piercements (co-organized), Hall X2, X2.353–X2.377
EMRP3.4/GD9.6/GMPV7.5/TS11.10 , Paleomagnetism and magnetic fabric: Recent advances and links to tectonics and deep Earth dynamics (co-organized), Hall X2, X2.143–X2.175

Wednesday, 11 April

WE5, 17:30–19:00	TS1.2 , Open session on tectonics, structural geology, and the teaching of structural geology, Hall X2, X2.107–X2.120
	TS2.1/SM2.06 , Faults and the deformation they cause: from outcrops to models (co-organized), Hall X2, X2.121–X2.136
	TS2.2/GMPV3.8 , The timing of faulting, fracturing and fluid-flow in the upper crust (co-organized), Hall X2, X2.137–X2.156
	TS7.11/GMPV9.1/SSP2.15 , The evolution of the Carpathians - Dinarides - Pannonian orogenic and sedimentary basins system (co-organized), Hall X2, X2.157–X2.170
	TS7.12/GD8.6/SM4.13 , The Alps and neighbouring mountain belts (Apennines, Dinarides, Carpathians): a multidisciplinary vision (AlpArray) (co-organized), Hall X2, X2.171–X2.207
	TS8.1/GD7.5/SM2.09 , Structural evolution of continental and oceanic strike-slip plate boundaries (co-organized), Hall X2, X2.208–X2.221
	TS10.1 , Recent Advances in Salt Tectonics, Hall X2, X2.222–X2.233
	GD8.1/CR6.4/SM4.12/SSP2.18/TS1.6 , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), Hall X2, X2.249–X2.266
	GD8.2/CL4.21/CR8.4/EMRP4.20/SM4.11/TS1.7 , Unveiling the structure, evolution and influence of the Antarctic Lithosphere (co-organized), Hall X2, X2.267–X2.287
	EMRP1.3/GMPV3.5/NH3.17/SM2.04/TS2.4 , Rock Physics and geomechanical characterisation of rocks from the micro to macroscale: fabric, fractures and fluids (co-organized), Hall X2, X2.68–X2.94
ERE6.3/EMRP4.1/TS2.6 , Fracture, mechanics and flow in tight reservoirs (co-organized), Hall X4, X4.221–X4.230	
CR5.6/TS3.8 , Deformation and flow of ice (co-organized), Hall X5, X5.418–X5.425	

	GM4.1/SSP3.21/TS4.9 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), Hall X1, X1.317–X1.357
	GM3.1/SSP2.12/TS4.10 , Eroding mountains and filling basins: Detrital records of erosion and sedimentation from source to sink (co-organized), Hall X1, X1.296–X1.316
	EMRP1.5/SM6.02/TS5.7 , Understanding fluid driven ruptures, from natural earthquakes to reservoirs induced seismicity (EMRP Division Outstanding ECS Lecture) (co-organized), Hall X2, X2.95–X2.106
	GD7.1/GMPV8.7/SM4.15/TS9.12 , The structure and evolution of the oceanic lithosphere: interplay between magmatic, tectonic and hydrothermal processes at spreading ridges (co-organized), Hall X2, X2.234–X2.248

Thursday, 12 April

TH5, 17:30–19:00	TS7.4/GD5.5 , Geodynamics of Subduction and Continent Collision - comparison of ancient and modern collision orogens (co-organized), Hall X2, X2.48–X2.82
	TS7.7/GD8.8/GMPV9.5/SM2.14 , Dynamics and Structures of the Tethyan realm: Collisions and back-arcs from the Mediterranean to the Himalayas (co-organized), Hall X2, X2.83–X2.112
	TS7.8 , Geodynamic evolution of the Greater Caucasus Orogen, Hall X2, X2.113–X2.132
	TS7.9/SSP2.13 , The Arabian Plate and its surroundings – past and present (co-organized), Hall X2, X2.133–X2.150
	TS7.10/GMPV9.3/SM2.12/SSP2.17 , Tectonics and Geodynamics of the Mediterranean (co-organized), Hall X2, X2.151–X2.170
	TS11.3/GD10.4 , Learning from failed models and negative results (Posters only) (co-organized), Hall X2, X2.171–X2.179
	TS11.5/GD10.5 , Understanding the unknowns: recognition, quantification, influence and minimisation of uncertainty in the geosciences (co-organized), Hall X2, X2.180–X2.188
	GMPV1.5/TS3.5 , Microstructures as an interpretative tool in igneous and metamorphic petrology (co-organized), Hall X2, X2.243–X2.260
	GD9.1/EMRP4.22/GMPV8.9/TS3.7/TS9 , Long-term rheology and heat budget of deforming and reacting rocks: from laboratory to geological scales (including GD Division Outstanding ECS Lecture) (co-organized), Hall X2, X2.189–X2.218
GD10.1/EMRP4.26/TS11.8 , Recent advances in Geodynamics: Computational methods and applications (co-organized), Hall X2, X2.219–X2.233	

Friday, 13 April

FR5, 17:30–19:00	TS4.1/GD5.3/GM4.9 , Actio-Reactio; from subducting slabs to shaping the surface (co-organized), Hall X2, X2.137–X2.151
	TS4.5/GM4.5/SSP3.19 , The Andean foreland basins: Tectonics, climate, surface processes, and georesources (co-organized), Hall X2, X2.152–X2.164
	TS5.1/NH4.8/SM3.02 , Paleoseismicity, active faulting, surface deformation, and the implications on seismic hazard assessment (Fault2SHA) (co-organized), Hall X2, X2.165–X2.197
	TS5.2/G3.9/GD2.8/NH4.9/SM2.07 , The Interplay between Earthquakes, the Seismic Cycle and Long-term Deformation: Models and Observations (including TS Division Outstanding ECS Lecture) (co-organized), Hall X2, X2.198–X2.233

TS5.4/SM1.06, The 2016-2017 Central Italy seismic sequence: understanding earthquake faulting processes from Geodetic, Geological and Seismological data (co-organized), **Hall X2, X2.234–X2.251**

TS5.5/SM2.11, Earthquakes and segmentations along the Himalaya (co-organized), **Hall X2, X2.252–X2.271**

TS7.5/GD8.5, Variscan and Altai orogens in Europe and Asia and their relative contribution to the building of Pangea supercontinent/Prototethys – Paleotethys – Neotethys: How to build the southern-central Eurasian continent (co-organized), **Hall X2, X2.272–X2.302**

GMPV2.10/TS3.10, Understanding granites – state of the art and ways ahead (co-organized), **Hall X2, X2.356–X2.377**

GD3.2/GMPV7.2/SM4.19/TS9.6, Causes and consequences of mantle upwellings (co-organized), **Hall X2, X2.333–X2.346**

PS1.9/GMPV10.8/TS11.6, 2D/3D digital geological mapping and modelling: advanced techniques and case studies (co-organized), **Hall X4, X4.182–X4.203**