

<b>09.00 - 9:15</b>	<b>Opening Ceremony</b>			
		<b>Session chair: Kley, Riller</b>		
<b>09.15 - 12.05</b>	<b>Oral sessions</b>	Mountain Building Processes & Alpine Tectonics		
	<b>Keynote</b>	<b>09:15</b>	<b>Handy</b>	<b>A fresh look at mountain-building from the Alpine perspective</b>
		09:55	Pomela	The Alpine cooling history of the eastern Southern Alps
		10:15	Sieberer	Exploring the impact of inherited structures on deformation and uplift in fold and thrust belts through multi-scale analogue modelling: a case study in the European eastern Southern Alps
<b>10:35 - 11:05</b>	<b>Coffee break</b>			
		11:05	Rudmann	Restoring the nappes of the western Tauern Window using thermochronological and petrological constraints
		11:25	Weber	Reprocessing of the NRP 20 traverse E1 in eastern Switzerland
		11:45	Kroner	Initial Collision of Gondwana Promontories with Forming Laurasia - The Orogenic Record of Western Pangea in the Devonian
<b>12:05 - 13:05</b>	<b>Lunch break (mensa)</b>			
		<b>Session chair: Grasemann, Tanner</b>		
<b>13.05 - 17.35</b>	<b>Oral sessions</b>	Geodynamics & Plate Tectonics		
	<b>Keynote</b>	<b>13:05</b>	<b>Behr</b>	<b>The influence of sediments on subduction dynamics.</b>
		13:45	Kaus	Gibraltar subduction zone is invading the Atlantic
		14:05	Hildebrand	Large-scale anatomy of a deep subduction megathrust: observations from the Cycladic Blueschist Unit on Syros, Greece
		14:25	Matthies	Insights into the deformation pattern and the edifice stability of oceanic volcanoes from direct shear experiments and finite-element models: A case-study of Anak Krakatau (Sunda Strait, Indonesia)

		14:45	Nagel	Variations of Earth's volume driven by intermittend mantle stratification
<b>15:05-15:35</b>	<b>Coffee break</b>			
		<b>Session Chair: Ustazewski/Hauber</b>		
	<b>Oral sessions</b>	Applied Structural Geology		
	<b>Keynote</b>	<b>15:35</b>	<b>Schmatz</b>	<b>Salt rock mechanics in the natural laboratory</b>
		16:15	Svensson	Microstructural evolution of a 40 year old crushed salt backfill - Quantitative microstructural analysis
		16:35	Schäfer	Fault rocks and the energy transition: from oil and gas to carbon dioxide storage
		16:55	Abe	The "Restless"-Project: Investigating the impact of lithology on the risk of induced seismicity in deep geothermal reservoirs
		17:15	Hallas	Geochemical Classification of Thuringian Granites using Multi-Dimensional Scaling
		17:35	Scheck-Wenderoth	Deep thermal field in plate tectonics
<b>19.00-20.00</b>	<b>Public talk</b>		<b>Oncken</b>	Forschung für eine Erde im Wandel - von Erdbeben, schwarzen Schwänen und planetarer Bewohnbarkeit.

		<b>Session chair: Pomella, Stipp</b>		
<b>09.00 - 12.10</b>	<b>Oral sessions</b>	Experimental Rock Mechanics, Seismo-Tectonics		
	<b>Keynote</b>	<b>09:00</b>	<b>Dresen</b>	<b>Precursory Deformation and Earthquake Nucleation - Laboratory Results</b>
		09:40	Nevskaya	Implications for the strength of the Earth's middle crust from novel experiments on natural fine-grained granitoid rocks
		10:00	Mudashev	Modeling of earthquakes in extensional tectonics
		10:20	Tajcmanova	Experimental investigation of serpentinite dehydration induced by earthquake-like pressure drops
<b>10:40 - 11:10</b>	<b>Coffee break</b>			
		11:10	Zhan	The Frictional-Viscous Transition in Experimentally Deformed Granitoid Fault Gouge
		11:30	Fusseis	Transformative insights into reacting, deforming rocks through operando x-ray imaging experiments - elastic stress control on fabric formation and fluid transport properties
		11:50	Peacock	Fracture corridors in crystalline rock and implications for geothermal resources
<b>12:10 - 13:10</b>	<b>Lunch break (mensa)</b>			
		<b>Session chair: Kaus, Reicherter</b>		
<b>13.10 - 16.40</b>	<b>Oral sessions</b>	Microstructures, Deformation Mechanisms & Rheology		
	<b>Keynote</b>	<b>13:10</b>	<b>DiToro</b>	<b>Fault processes and shock deformation during earthquakes.</b>
		13:50	Trepmann	Quartz cleavage fracturing and subsequent recrystallization along the damage zone recording fast stress unloading
		14:10	Poelchau	Shear stresses in experimentally shock-twinned calcite
		14:30	Müller	The crystallographic preferred orientations and structural anisotropies of felsic plutonites - First results of a comprehensive study of German granites
<b>14:50-15:20</b>	<b>Coffee break</b>			

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		15:20	Kilian	On the control of quartz crystallographic preferred orientation development
		15:40	Nowak	Metamorphic record preserved in ultrahigh-pressure eclogites (Śnieżnik Massif, NE Bohemian Massif)
		16:00	Toffol	On-fault earthquake energy density partitioning recorded in seismically shocked garnet.
		16:20	Kley	New ideas from old observations: An example from the Leinetal graben
<b>16:40-21:00</b>	<b>Poster session</b>			

		<b>Session chair: Trepmann, Füsseis</b>		
<b>09:00 - 12.30</b>	<b>Oral sessions</b>	Planetary Tectonics & Impact Cratering		
	<b>Keynote</b>	<b>09:00</b>	<b>Rae</b>	<b>Dynamic strength, fragmentation, and the impact cratering process.</b>
		09:40	Eisermann	Testing different mechanisms of long-term crustal modification of large impact craters inferred from scaled analogue experiments
		10:00	Riller	Possible causes for the formation of sinkholes in post-impact strata of the Chicxulub crater, Yucatán Peninsula, Mexico
		10:20	Kenkmann	Structure of the marine target impact crater nadir inferred from 3D-seismics
<b>10:40 - 11:10</b>	<b>Coffee break</b>			
		11:10	Hauber	Neotectonic movements in Claritas Rupes region on Mars
		11:30	Karagoz	Tectonic history of the Tharsis Rise on Mars inferred from wrinkle ridges: multi-stage plume activation and critical taper dome
		11:50	Carboni	3D structural analysis of symmetric, asymmetric, and double-ridges wrinkle ridges on Mars
		12:10	Yazici	Fault scaling on the Reykjanes Peninsula (Iceland) as a Mars Analogue: Displacement-length relationship in comparison with Memnonia Fossae, Mars
<b>12:30 - 13:30</b>	<b>Lunch break (mensa)</b>			
		<b>Session chair: Herwegh, Handy</b>		
<b>13.30 - 17.20</b>	<b>Oral sessions</b>	Neo-Tectonics & Tectonic Geomorphology		
	<b>Keynote</b>	<b>13:30</b>	<b>Wolf</b>	<b>Quantifying the interaction between surface processes and tectonics during mountain building: the Beaumont number.</b>
		14:10	Hergarten	Theoretical and numerical considerations of faceted topographies at normal faults
		14:30	Reicherter	Paleoseismic studies of the eastern Rhine Graben Faults (Germany)

		14:50	Castelnoe	Fault segmentation along the eastern margin of the Upper Rhine Graben by tectonic geomorphology
		15:10	Stemberk	The nowadays stress field changes recorded by 3-D extensometers TM-71 within the Upper Rhine Graben
<b>15:30-16:00</b>	<b>Coffee break</b>			
		16:00	Mair	Multi-Geophysical Imaging of Neotectonic Faults in the Northern Upper Rhine Graben
		16:20	Hürtgen	The Paleoseismic Database of Germany and Adjacent Regions PalSeisDB v2.0 - updated and extended
		16:40	Brandes	Deep crustal earthquakes in northern Germany
		17:00	Ferreira	Usage of UAV-based photogrammetry for quantifying the kinematics of first-order faults
	<b>Quo vadis TSK</b>	<b>17:20</b>		
<b>19.30 - 22.00</b>	<b>Conference Dinner</b>	Restaurant Dattler Schlossberg, Am Schlossberg 1, 79104 Freiburg		