TSK 20 Poster session

Neo-Tectonics & Tectonic Geomorphology				
101	Kanzler	Neotectonic deformation of Pleistocene sedimentary deposits in the Lardos Basin, Rhodes Island, Greece, points to tightening of the Hellenic arc		
109	Doski	Active Faults in Kurdistan, Northern Iraq		
113	Szuba	Basin formation caused by plate boundary-parallel extension, Island of Rhodes, Greece		
115	Grolms	Variation of principial strain axis directions with proximity to first-order fault zones and its importance for elucidating forearc deformation on the Island of Rhodes, Greece		
127	Steinritz	Preliminary results of paleoseismological trenching along the Feldbiss Fault (Lower Rhine Graben, Germany)		
144	Zebari	Topography of the southwestern margins of the Bohemian Massif (Bavarian Forest): the role of Late Cenozoic tectonics		
146	Lefevre	Relation between fault activity and scarp morphology in the Lower Rhine Graben		
155	Hürtgen	Geological-Geophysical and Sedimentological Analysis of Soil Liquefaction Phenomena along the Kupa River caused by the December 29 Earthquake in 2020, Petrinja (Croatia)		
Modelling Deformation from the Micro- to the Mega-Scale, Geodynamics & Plate Tectonics				
126	Tanner	Restoration and improvement of cross-sections of the Osning Fault System in northern Germany		
Applied Structural Geology				
116	Degen	Geologist's Compass TJD		
Planetary Tectonics & Impact Cratering				
122	Sturm	Comprehensive structural and petrographic analyses of drill core samples from the center and rim of the small (60 \times 41 m) impact crater SM-1 of the Wyoming crater field, USA		
123	Sturm	Structural analysis of the recently discovered deeply buried complex Jake Seller Draw impact structure in the Bighorn Basin, Wyoming, USA		
143	Kitha	Deformation microstructures related to low-angle normal faults of the Rochechouart impact structure, France		
General Tectonics & Regional Studies, Metamorphism & Deformation				
124	Keseberg	Petrological diversity of ultra-high-pressure rocks around the Saidenbach dam (Erzgebirge)		
125	Möckel	Regional and structural geology of Neoproterozoic to Lower Cambrian rocks in the Ouansimi copper mine, Western Anti-Atlas of Morocco		
136	Schulze	The juxtaposition of the Lausitz and the Erzgebirge during the Variscan orogeny – a tectonic case study of the Elbtalschiefergebirge, Elbe zone		
140	Silva	First constraints and geodynamic implicactions of cryogenian metamorphism in the foreland orogenic basement of the southern Dom Feliciano Belt (Uruguay)		
175	Berckhan	Reconstructing the emplacement conditions of the Bažina Maar (CZ) volcanic rocks by investigating the in- and out-of-phase anisotropy of magnetic susceptibility		
176	Eickhoff	Seismic reprocessing and imaging visualize detachment depths and backthrust reflections within the Variscan Eifel Fold-Thrust Belt, Germany		
Metar	Metamorphism & Deformation, Geodynamics & Plate Tectonics			
121	Awoum	Metamorphic history and geodynamic significance of the MORB-derived amphibolites from the Bankim area in the Foumban-Bankim Shear Zone: evidence of subduction, late Paleoproterozoic		

TSK 20 Poster session

Microstructures, Deformation Mechanisms & Rheology OR Metamorphism & Deformation			
102	Koenemann	Shear dilation, a new thermodynamic state function: physics of earthquakes in the crust and at 600 km depth	
107	Bestmann	Seismic induced anisotropy and kinking in quartz	
117	Achu	Kinematic evolution of the Ngwi area along the Pan-African Central Cameroon Shear Zone (Adamawa-Yadé domain): Implications for emplacement of the Ngwi granitic pluton	
133	Hill	Resolving Eo-Alpine kinematics of the Plattengneis Shear Zone (Koralpe, SE Austria) via EBSD & crystalline vorticity axis analyses	
134	Lang	A realistic upper bound of elastic anisotropies in schists and phyllites at the NW margin of the Tauern Window (Eastern Alps, Austria)	
150	Kühn	Tectonic modification of clay mineral alignment in sediments from the Hikurangi accretionary prism (NZ)	
152	Pfeifer	The influence of different clast types on clay mineral alignment in Opalinus clay – first results	
156	Kilian	On the control of quartz crystallographic preferred orientation development	
162	Wilke	The nature of NW-directed shearing at the bottom of the nappe pile in the Erzgebirge	
Mountain Building Processes & Alpine Tectonics			
141	Sieberer	Relationships between sizes of inherited basins and fold-and-thrust belts in crustal-scale analogue models: evolution of the European eastern Southern Alps	
154	Muldashev	Architecture of Subducted Rifted Continental Margin and Dynamics of Early Collision	
159	Fuhrmann	Deformation at the base of the Bergell Pluton in the upper Valle dei Ratti (Italy)	
166	Bülhoff	Pseudotachylites along the Pustertal-Gailtal-Line, eastern Periadriatic Fault system, Austria	
172	Thieme	Late Mesozoic to Palaeogene cooling history of the Thuringian Forest basement high and its southern periphery (Central Germany) revealed by fission-track dating	
180	Walde	The Geology of the Suldtal area, with focus on the Stratigraphy and Detrital Geochronology of the Flysch units	