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All times are Central European time, which is, UTC +1hrs.

Day 1 – 3 March 2021				
Session 1: Virtual Icebreaker				
Start	Duration	Presentation title	Speaker	Affiliation
19:30	2:00:00	Welcome and Introduction and Group Networking		
Day 2 – 4 March 2021				
Session 2: [Insert Session Theme Title]				
Start	Duration	Presentation title	Speaker	Affiliation
14:30	0:15:00	Welcome and Introduction	Sebastian Krastel & Brandon Dugan	Kiel University and Colorado School of Mines
14:45	0:30:00	<b>Keynote:</b> <i>Fault Zone Drilling and Monitoring: A Key Science Theme for ICDP and Recent Results from the ICDP-GONAF Observatory</i>	Marco Bonhoff	GFZ
15:15	0:15:00	Monitoring talk (open)	Demain Saffer	UT, Austin
15:30	0:15:00	A Virtual Core-Log-Seismic Integration Centre in Germany	Gareth Crutchley	GEOMAR
15:45	0:15:00	Challenges of core-log-seismic integration in metamorphic rocks: A case study for the ICDP drilling project COSC-1, Sweden	Judith Elger	GEOMAR
16:00	0:15:00	Ocean – ice sheet interaction in West Antarctica: First results from core-log seismic integration in the Amundsen Sea Sector	Johanna Gilli-Petzoldt	AWI Bremerhaven
16:15	0:15:00	Break		
16:30	0:30:00	<b>Keynote:</b> <i>Drilling to magma – a journey to the unknown</i>	Dr. Paolo Papale	Istituto Nazionale di Geofisica e Vulcanologia
17:00	1:00:00	3 Parallel Breakout Groups (Site surveys, Drilling and Logging, and Monitoring)		
18:00	0:45:00	Summation and Discussion of Breakout Groups		
Day 3 – 5 March 2021				
Session 3: [Insert Session Theme Title]				
Start	Duration	Presentation title	Speaker	Affiliation
14:00	0:45:00	<b>SEG Lecture:</b> <i>Investigating Submarine Slope Failures with Geophysical Data, Scientific Drilling, Laboratory Experiments, and Numerical Modeling</i>	Brandon Dugan	Colorado School of Mines
14:45	0:15:00	Break		
15:00	0:15:00	High-performance sediment coring for the 100 m depth range: Hipercorig	Ulrich Harms	GFZ Potsdam
15:15	0:15:00	New downhole logging instruments for adverse borehole conditions	Jochem Kück	GFZ Potsdam
15:30	0:15:00	Recent developments for geophysical and geotechnical borehole data acquisition and their application with the MARUM-MeBo sea bed drilling technology	Tim Freudenthal	MARUM Bremen
15:45	0:15:00	An Integrated Approach For Drillstring Vibration Mitigation Combined With Bit Selection Roadmap And	Mahesh Picha	PETRONAS Malaysia

		Soft Torque Rotary System For Improving Drilling Performance And Downhole Tools Life		
16:00	0:15:00	Age-depth models derived from borehole logging and seismic data on the example of the sedimentological evolution of Lake Ohrid (North Macedonia/Albania) over the last one million years	Arne Ulfers	LIAG Hannover
16:15	0:15:00	Seismic site surveys at ICDP drill sites: examples from COSC-1 (Sweden) and DFDP-2 (New Zealand)	Vera Lay	Freiberg University
16:30	0:15:00	Break		
16:45	0:30:00	<b>Keynote:</b> <i>Drilling experiences in active tectonic environments and across platforms</i>	Lisa McNeill	School of Ocean and Earth Science, University of Southampton, UK
17:15	0:15:00	The Proposed Rock Valley Earthquake/Explosion Direct Comparison Experiment	William Walter	Lawrence Livermore National Laboratory
17:30	0:15:00	First insights into analyses of geophysical data of Prees-2 borehole (England) as part of the ICDP JET-Project	Katharina Leu	LIAG Hannover
17:45	0:15:00	Zero offset VSP survey at the Alpine Fault (New Zealand) using a fibre-optic cable	Franz Kleine	Freiberg University
18:00	0:15:00	Spectral Gamma Borehole Logging Applied to Predict Tephra Layers in Lacustrine Deposits: An Example from Lake Chalco, Central Mexico	Mehrdad Sardar Abadi	LIAG Hannover
18:15	0:30:00	Discussion and Conclusion of Workshop		

## Keynote Presenters:

**Biography: Dr. Marco Bohnhoff** is head of the 'Geomechanics and Scientific Drilling' section at GFZ Potsdam and



Professor for Experimental- and Borehole Seismology at FU Berlin. In the frame of a DFG-Heisenberg fellowship he was Visiting Scholar at Stanford University. Upon his return to GFZ in 2009 he led a Helmholtz-Young Investigators Group entitled 'From microseismicity to large earthquakes: Studies related to Seismic Hazard Assessment, Carbon Sequestration and Sustainable Resource Management'. Since 2019 he is Executive Director of the International Continental Scientific Drilling Program ICDP. His

research addresses the analysis of deformation processes over a broad range, including induced seismicity in geo-reservoirs and natural earthquakes along plate-bounding transform fault zones such as the North-Anatolian Fault Zone. He has been involved in or led several on- and offshore active and passive seismic campaigns and he is PI of GONAF, the Geophysical Observatory at the North Anatolian Fault.

**Biography: Dr. Brandon Dugan**, (Associate Professor, Geophysics, Colorado School of Mines) is a geoscientist who couples theory, experiments, and models to understand the interactions of fluids and solids in Earth's shallow crust. Brandon's research group uses this approach to study natural resources, natural hazards, and carbon storage. Brandon regularly participates in geophysical, geological, and field programs (12 total field projects, 4 as co-chief scientist). His research and teaching contributions have led to Brandon receiving the 2018 Asahiko Taira International Scientific Ocean Drilling Research Prize by the American Geophysical Union and a Blue Key Honor Society/Tau Beta Pi Outstanding Faculty Award in 2017. As an Earth science community member, Brandon is a member of the Environmental Protection and Safety Panel of the International Ocean Discovery Program, and is an associate editor for AGU's Journal of Geophysical Research – Solid Earth.



**Biography: Dr. Lisa McNeill**, School of Ocean and Earth Science, University of Southampton, integrates marine and terrestrial data to study active tectonic processes, including development of continental rifts and subduction zones, fault processes and geohazards. She has worked at a number of subduction zones worldwide, including Sumatra, Cascadia, Nankai, Makran and Hikurangi, analysing structure, forearc development and natural hazards. She has been working on the active Corinth rift, Greece since 1998 leading projects offshore and onshore, culminating in recent IODP drilling of the syn-rift sequences. She is extensively involved with IODP, serving as Co-Chief scientist 3 times, and is the current Co-Chair of the IODP Science Evaluation Panel.



**Biography: Dr. Paolo Papale**, Istituto Nazionale di Geofisica e Vulcanologia, Pisa (Italy), investigates the dynamics of volcanic systems by developing physical and mathematical models of complex, non-linear 2D and 3D processes characterizing magmatic bodies and volcanic eruptions. He is among the initiators of the KMT – Krafla Magma Testbed project which aims at drilling to magma in an ideal set up in Iceland, with the long-term objective of creating a permanent infrastructure for the observation and monitoring of magma and geothermal system dynamics. Previous President of the EGU/GMPV section, Coordinator of the National program in Volcanic Hazards, first Director of the INGV Division on Volcanoes, and currently Chair of the Earth and Cosmic Sciences section of the Academia Europaea.

