EUROENGEO
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Leading to Innovative Engineering Geology Practices

COMMISSION 38

C38 "Rockmass Characterization with Emphasis in Rock Slope Hazards"

WORKSHOP 6th October 2021

Part 1: Rock slope stability modelling	**Prof. Alexander Preh** (Vienna Univ. of Technology, Austria) Discrete vs. smeared modelling of rock slopes or where are the application limits of the Hoek-Brown strength criterion.	**Link**
	Prof. William Murphy, (University of Leeds, UK) Challenges for selecting earthquake ground motion estimates for rock slopes stability	
	Prof. Harun Sonmez, (Hacettepe University, Turkey) How reliable are hand calculation methods used for selection of strength of geomaterials for slope design?	**Link**
	Prof. Renato Macciotta (University of Alberta, Canada) Rock fall- weather relationships: Their chaotic nature and probabilistic ways forward	**Link**
Part 2: Use of Innovative techniques for characterisation of rock masses	**Dr. Deheng Kong** (Tongji University, China) Accurate rock mass structural characterization based on 3D point cloud model from remote sensing techniques	**Link**
	Dr. Markus Pötsch (3GSM GmbH, Austria) Photogrammetric 3D models for engineering geologic mapping and stability analyses of rock slopes	**Link**
	Mr. Neil Bar (Gecko Geotechnics, Australia) Technology use for assisting in faster ground characterization and slope performance appraisal	**Link**

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