

Pre-nominated Session SM20

Rock mechanics and geomechanics

Co-Chair(s): **Z. Mroz (Poland)**
 I. Vardoulakis (Greece)

Paper ID	Title	Authors
SM20L_10231	The Material Point Method in Soil Mechanics Problems	Zdzislaw Wieckowski
SM20S_10374	Dynamic Behaviours of Soils and Rocks in a Wide Pressure Range	Anatoly M. Bragov, Andrey K. Lomunov, Ivan V. Sergeichev, Leopold Kruszka
SM20L_10866	Micromechanical Study of Macroscopic Friction and Dissipation in Idealised Granular Materials: The Effect of Iinterparticle Friction	N.P. Kruyt, L. Rothenburg
SM20L_11584	Influence of Contact Phenomena on Structure - Subsoil Interaction: Finite Elements Method Analysis	Marcin Mazdziarz
SM20L_11667	Modeling of Static Liquefaction and Evolving Failure Modes	Nathalie Boukpeti, Andrew Drescher
SM20L_11845	Development of Shear Banding in Sandstone	Jeffery J. Riedel, Joseph F. Labuz
SM20S_12364	On the Use of Second - Order Topological Information for Subsurface Imaging by Elastic Waves	Bojan Guzina, Ivan Chickichev
SM20L_12462	Incremental Nonlinearity in Constitutive Relation for Granular Media	Yuji Kishino
SM20L_12779	A High - Pressure Hish Strain Rate Elastic - Viscoplastic Model for Cementitious Materials	Martin J. Schmidt, Oana Cazacu, Mark L. Green, Nicolaie D. Cristescu
SM20S_12848	The Influence of Teeth on the Earth - Working Processes	Jan Maciejewski, Andrzej Jarzebowski