

OS14: Flow in Geoscience / Geoenergy

November 6, 2023

CON-2

- OS14-1 **Fluid Flow and Coupled Hydromechanical Processes in Fractured Rocks with Application to Geoenergy and Geoengineering (*Invited*)**
17:30-17:55 Qinghua Lei (Uppsala University, Sweden)
- OS14-2 **Numerical Investigation of Compressible Monodisperse Gas-Solid Flows in a Supersonic Under-expanded Jet: Effect of Particle Diameter and Concentration**
17:55-18:10 Deboprasad Talukdar, Yujiro Suzuki (The University of Tokyo, Japan)
- OS14-3 **Accuracy Considerations Concerning 3D Printed Fracture Models**
18:10-18:25 Michael Kröhn (GRS gGmbH, Germany), Anna Suzuki (Tohoku University, Japan)
- OS14-4 **3D Printed Fracture Networks for Investigation of Fracture Deformation under Stress**
18:25-18:40 Alexandros Patsoukis Dimou (Tohoku University, Japan), Qinghua Lei (Uppsala University, Sweden), Noriaki Watanabe, Anna Suzuki (Tohoku University, Japan)
- OS14-5 **Toward Estimation of Aperture of Complex Fracture Network from Tracer Responses**
18:40-18:55 Jun Miyanaga, Keiichiro Goto, Anna Suzuki, Alexandros P. Dimou (Tohoku University, Japan), James M. Minto (University of Strathclyde, UK)