

OS14: Porous Media

October 27, 2021
ROOM5

- OS14-1 **Dual-Stent Microstructural Characteristics and their Impact on Intra-Aneurysmal Haemodynamics** (*Invited*)
17:10-17:25 Simon Tupin, Mingzi Zhang, Yujie Li (Tohoku University, Japan), Makoto Ohta (Tohoku University / ELYTMAX UMI 3757, CNRS – Université de Lyon – Tohoku University, International Joint Unit, Tohoku University, Japan)
- OS14-2 **3D Printing-based Microfluidics for Geosciences**
17:25-17:40 Alexandros Patsoukis Dimou (Heriot-Watt University, UK), Anna Suzuki (Tohoku University, Japan), Hannah Menke, Julien Maes, Sebastian Geiger (Heriot-Watt University, UK)
- OS14-3 **A Numerical Study of Reactive Radial Viscous Fingering**
17:40-17:55 Priya Verma, Vandita Sharma, Manoranjan Mishra (Indian Institute of Technology Ropar, India)
- OS14-4 **Mass Transport in a Packed Suspension of Swimming Microorganism**
17:55-18:10 Yu Kogure, Toshihiro Omori, Takuji Ishikawa (Tohoku University, Japan)
- OS14-5 **Topological Data Analysis for Mass Tracer Transport in Fracture Networks**
18:10-18:25 Keiichiro Goto, Anna Suzuki (Tohoku University, Japan), James Minto (The University of Strathclyde, UK), Takatoshi Ito (Tohoku University, Japan)
- OS14-6 **Numerical Simulation of Permeability Development along Closed Fracture by Methane Hydrate Dissociation**
18:25-18:40 Rongchang Zhang, Takatoshi Ito, Takeshi Komai (Tohoku University, Japan), Yasuhide Sakamoto, Norio Tenma (National Institute of Advanced Industrial Science and Technology, Japan)