

**OS1: The Ninth International Symposium on Innovative Energy Research I  
Advanced Materials and its Energy Application**

**&**

**OS3: The Ninth International Symposium on Innovative Energy Research III  
Multiphase Energy Science and Technology (Combination of Monozukuri-Fluid  
Science / Engineering)**

October 27, 2021

ROOM3

- OS1/3-1      **Magnetic Properties Of FeSiB For Sensing Application**  
9:20-9:40    Gildas Diguët, Kei Makabe, Joerg Froemel, Hiroki Kurita, Fumio Narita  
(Tohoku University, Japan), Masanori Muroyama (Tohoku Institute of  
Technology, Japan)
- OS1/3-2      **Study on the Utilization of Middle-level Geothermal Energy based on  
Non-isothermal Pipeline Flow**  
9:40-10:00   Zhongzheng Luo (China University of Mining and Technology, China),  
Zhaoyang Ma (Harbin Institute of Technology, China)
- OS1/3-3      **Prediction Model for Liquid Sheet Transversal Oscillation**  
10:00-10:20   Ippei Oshima (Tohoku University, Japan), Akira Sou (Kobe University,  
Japan)
- OS1/3-4      **Computation and Experiment on Flow around a Rectangular Plate Moving  
near Ground**  
10:20-10:40   Yuwa Kichise, Yuta Seki, Takashi Noguchi, Katsuya Hirata (Doshisha  
University, Japan)