

**The 19th International Conference on Flow Dynamics**  
**Best Presentation Award for Young Researcher**  
**List of Awardees**

We are pleased to announce that the following presenters were awarded the 19<sup>th</sup> International Conference on Flow Dynamics Best Presentation Award for Young Researcher. Congratulations!

Co-chairs of the ICFD2022  
Hiroki Nagai, Professor  
Chih-Yung Huang, Professor

OS2-10: "Lewis Number Effect on Turbulent Premixed Ammonia Flame"

**Ruslan Khamedov**, Wonsik Song, Mohammad Rafi Malik, Francisco E. Hern´andez P´erez and Hong G. Im (King Abdullah University of Science and Technology, Saudi Arabia)

OS5-8: "Numerical Prediction of Influence of MHD Flow Control on Radiative Heating in Mars Entry"

**Kotaro Tabuchi**, Takayasu Fujino (University of Tsukuba, Japan)

OS6-5: "Time-Resolved Stereo PIV Measurement with 0.3-m MSBS toward Analysis of Three-Dimensional Wake Structure behind Freestream-Aligned Circular Cylinder"

**Sho Yokota**, Taku Nonomura (Tohoku University, Japan)

OS7-3: "An Acoustic Metamaterial using Magnetorheological Elastomer for Vibration Isolation"

**Zexin Chen** (University of Wollongong, Australia), Shuaishuai Sun (University of Science and Technology of China, China), Haiping Du, Weihua Li (University of Wollongong, Australia)

OS8-4: "Coupling Between the Rotational and Translational Dynamics of Water in Lysozyme Solutions"

**Kang Hu**, Ryo Shirakashi (The University of Tokyo, Japan)

OS9-7: "In Vivo Pharmacokinetic Profiling of Solvents of Varying Osmotic Pressures and Viscosities"

**Radhika Mishra**, Ariunbuyan Sukhbaatar, Shiro Mori, Tetsuya Kodama (Tohoku University, Japan)

OS12-7: "Dual Displacement Fronts of Fluid Displacement in Porous Media: Numerical Simulations on Double Viscous Fingerings"

**Anindityo Patmonoaji** (Tokyo University of Agriculture and Technology / Tokyo Institute of Technology, Japan), Yuichiro Nagatsu (Tokyo University of Agriculture and Technology, Japan)

OS13-22: "Study of Microjet Structure from Axisymmetric Supersonic Nozzles"

**Tenta Tashiro**, Shinichiro Nakao, Yoshiaki Miyazato (The University of Kitakyushu, Japan), Yojiro Ishino (Nagoya Institute of Technology, Japan)

OS15-13: "Morphological Effect on the Wake Flows after a Single Fractal Tree using Large-Eddy Simulation"

**Shiyun Liu**, Chun-Ho Liu (The University of Hong Kong, Hong Kong, China)

OS17-6: "Visualization of Acetone Diffusion in Highly Pressurized CO<sub>2</sub> using Phase-shifting Interferometer"

**Ryuhiko Mukai**, Yuki Kanda (Tohoku University, Japan), Yingxue Hu (Xi'an Jiaotong University, China), Lin Chen (Chinese Academy of Sciences, China), Atsuki Komiya (Tohoku University, Japan)

OS19-4: "Flow-through Experiments on Interaction of Granite Fracture with Several Permeants"

**Achmad Hafidz**, Naoki Kinoshita, Hideaki Yasuhara (Ehime University, Japan)

OS23-7: "Evolution of the Polymer Particle Thermal History During Cold Spray Process"

**Chrystelle Bernard** (Tohoku University / ELYTMAX IRL3757, CNRS, Univ. Lyon, INSA Lyon, Centrale Lyon, Université Claude Bernard Lyon 1, Tohoku University, Japan), Hidemasa Takana (Tohoku University / Lyon Center, IFS-Tohoku University, Japan), Gildas Diguët (Tohoku University, Japan), Olivier Lame (Université de Lyon, France), Kazuhiro Ogawa (ELYTMAX IRL3757, CNRS, Univ. Lyon, INSA Lyon, Centrale Lyon, Université Claude Bernard Lyon 1, Tohoku University / Tohoku University, Japan), Jean-Yves Cavallé (ELYTMAX IRL3757, CNRS, Univ. Lyon, INSA Lyon, Centrale Lyon, Université Claude Bernard Lyon 1, Tohoku University / Lyon Center, IFS-Tohoku University, France)