

The 18th 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 18th International Conference on Flow Dynamics Best Presentation Award for Young Researcher. Congratulations!

Co-chairs of the ICFD2021
Shigeru Obayashi, Professor
Hong G. Im, Professor

(Alphabetic order of surname)

OS4-2: "Thrust Modulation Characteristics of Hybrid Rocket Engine for VTVL System"
Donghoon Chae, Changjin Lee (Konkuk University, Korea)

OS7-15: "Vibration Control of a Seat Suspension System using Variable Damping and Stiffness Magnetorheological Dampers"
Lei Deng, Haiping Du (University of Wollongong, Australia), Shuaishuai Sun (University of Science and Technology of China), Weihua Li (University of Wollongong, Australia)

OS23-5: "Quantitative Measurements in Ammonia-Hydrogen Turbulent Jet Flames at Elevated Pressure"
Guoqing Wang, Hao Tang, Chaobo Yang, Gaetano Magnotti, William Roberts, **Thibault F. Guiberti** (King Abdullah University of Science and Technology (KAUST), Saudi Arabia)

OS8-10: "Polarity Effects of Plasma-Induced Stimuli on Cell Viability"
Airi Nakayama, Honoka Taguchi, Chia-Hsing Chang, Tomoki Nakajima, Siwei Liu, Takehiko Sato (Tohoku University, Japan)

OS9-5: "Relationship between Contact Force and Catheter Movement in Aneurysm Model"
Takuya Oishi, Kazuto Takashima (Kyushu Institute of Technology, Japan), Kiyoshi Yoshinaka (National Institute of Advanced Industrial Science and Technology, Japan), Kaihong Yu, Makoto Ohta (Tohoku University, Japan), Koji Mori (Yamaguchi University, Japan), Naoki Toma (Mie University, Japan)

OS22-4: “Methodology to Detect Water Uptake in Polymer Materials Using Non-Contact Capacitor Sensor”

Lucas Ollivier-Lamarque (IFS, Tohoku University / ELyTMaX UMI 3757, CNRS – Université de Lyon – Tohoku University, International Joint Unit, Tohoku University, Japan / INSA Lyon, France), Tetsuya Uchimoto (IFS, Tohoku University / ELyTMaX UMI 3757, CNRS – Université de Lyon – Tohoku University, International Joint Unit, Tohoku University, Japan), Nicolas Mary (MATEIS, CNRS UMR 5510, INSA Lyon, Université de Lyon, France), Sabrina Marcelin (MATEIS, CNRS UMR 5510, INSA Lyon, Université de Lyon, France) , Sébastien Livi (IMP, CNRS UMR 5223, INSA Lyon, Université de Lyon, France)

OS15-11: “LDV Measurement Issues for High Reynolds Number Turbulent Pipe Flow”

Marie Ono (National Institute of Advanced Industrial Science and Technology (AIST) / Nagoya University, Japan), Noriyuki Furuichi, Noboru Kurihara (National Institute of Advanced Industrial Science and Technology (AIST), Japan), Yuki Wada (Japan Atomic Energy Agency (JAEA), Japan), Yoshiyuki Tsuji (Nagoya University, Japan)

OS2-11: “Experiments and Kinetics for Oxidation and Pyrolysis of Ethyl Methyl Carbonate examined by a Micro Flow Reactor with a Controlled Temperature Profile”

Shintaro Takahashi, Keisuke Kanayama, Shota Morikura, Hisashi Nakamura, Takuya Tezuka, Kaoru Maruta (Tohoku University, Japan)

OS6-8: “Aerodynamic Characteristics of the Slanted Cylinder Afterbody Investigated in 0.3-m Magnetic Suspension and Balance System”

Kodai Tashiro, Sho Yokota (Tohoku University, Japan), Fernando Zigunov (FAMU-FSU College of Engineering, USA), Yuta Ozawa, Taku Nonomura, Keisuke Asai (Tohoku University, Japan)

OS5-9: “Development of a Backdrivable High-Torque Robot Arm with Magnetorheological Fluid Vane Motors”

Peizhi Zhang, Mitsuhiro Kamezaki, Ryuichiro Tsunoda, Shigeki Sugano (Waseda University, Japan)