Celebrating 10 Years of Waseda Top Global University Project

Mathematics and Physics Unit, "Multiscale Analysis, Modeling and Simulation"

International Workshop on Multiphase Flows: Analysis, Modelling and Numerics

Tutorial-Type Lectures

Tayfun E. Tezduyar (Rice University, USA; Waseda University)
: Computation of Flows With Moving Boundaries and Interfaces: Residual-Based Stabilized Methods and Space–Time Framework

Yuto Otoguro (Tokyo University of Science)
: Space–Time Computational Flow Analysis with Isogeometric Discretization Over Complex Geometries

Jinhui Yan (University of Illinois Urbana-Champaign, USA)
: Two-Phase Flows: Recent Method Advances and Contemporary Engineering Applications

Artem Korobenko (University of Calgary, Canada)
: Finite Element Methods for Fluid Mechanics: Cavitation Modeling for Marine Engineering Applications

John A. Evans (University of Colorado, Boulder)
: Isogeometric Divergence-Conforming B-splines

Dates

December 4–6, 2023

Venue

Green Computing Systems Research Organization
Waseda University, Tokyo

Information

`https://www.waseda.jp/fsci/mathphys/news-en/17760`

Organizers

Kenji Takizawa (Waseda University)
Takuya Terahara (Waseda University)
Takahito Kashiwabara (The University of Tokyo)

TOP GLOBAL UNIVERSITY JAPAN

Speakers

Reika Fukuizumi (Waseda University)
Artem Korobenko
Takahito Kashiwabara
Tayfun E. Tezduyar
John A. Evans
Jinhui Yan
Ionut Danaila (Université de Rouen Normandie, France)
Karel Svadlenka (Tokyo Metropolitan University)

Student Spekaers from Waseda University

Yasutoshi Taniguchi
Takahiro Ushioku
Shohei Mikawa
Masahiro Adachi
Zhaojing Xu
JouChun Kuo
Takahiro Nakamura