Mathematics and Physics Unit,
"Multiscale Analysis, Modeling and Simulation"
Top Global University Project, Waseda University

International Workshop on the Multi-Phase Flow; Analysis, Modeling and Numerics

November 28 - December 01, 2017
Waseda University, Tokyo, Japan

Four Themes

Numerics and modeling

Water wave

Navier-Stokes-Korteweg

Periodic solutions

Main Courses

Bernardo COCKBURN (Minnesota)
New mixed and discontinuous Galerkin methods for the incompressible Navier-Stokes equations.

Walter CRAIG (Ontario)
Four lectures on water waves

Toshiaki HISHIDA (Nagoya)
Large time behavior of a generalized Oseen evolution operator, with applications to the Navier-Stokes flow past a rotating obstacle

Mads KYED (Darmstadt)
Time-Periodic Navier-Stokes Equations

2017

50 minutes lecture

Tadahisa FUNAKI (Tokyo)
Hideo KOZONO (Tokyo)
Issei OIKAWA (Tokyo)
Kiyoshi SAITO (Tokyo)
Yukihito SUZUKI (Tokyo)
Kazuyuki TSUDA (Osaka)
Matthias HIEBER (Darmstadt)
Yasunori MAEKAWA (Kyoto)
Hirokazu SAITO (Tokyo)
Yoshihiro SHIBATA (Tokyo)
Kenji TAKIZAWA (Tokyo)
Akifumi YAMAJI (Tokyo)

Organizing comitee: Giovanni P. GALDI (Pittsburgh Univ.),
Matthias HIEBER (TU Darmstadt / Waseda Univ.), Yoshihiro SHIBATA (Waseda Univ.)

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- Institute of Mathematical Fluid Dynamics, Comprehensive Research Organization, Waseda University

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