

独立行政法人日本学術振興会 日独共同大学院プログラム  
JSPS-DFG Japanese-German Graduate Externship

## 第15回 日独流体数学国際研究集会

# The 15th Japanese-German International Workshop on Mathematical Fluid Dynamics

January 09 - 12, 2018

at Waseda University, Nishi-Waseda Campus  
55号館N棟1階 大会議室

### Main course:

**Fanghua LIN** (New York Univ.)

"Existence and Regularity Theory of Suitable  
Weak Solutions of the Incompressible  
Navier-Stokes equations."

**Yoshihiro SHIBATA** (Waseda Univ.)

"Maximal regularity and free boundary problem  
for the Navier-Stokes equations"

### 30 minutes talks:

Ken ABE (Osaka City Univ.) Dieter BOTHE (TU Darmstadt)

Theodore D. DRIVAS (Princeton Univ.)

Reinhard FARWIG (TU Darmstadt) Amru HUSSEIN (TU Darmstadt)

Tsukasa IWABUCHI (Tohoku Univ.)

Takahito KASHIWABARA (Univ. of Tokyo) Hajime KOKA (Osaka Univ.)

Masahiro KUNIMOTO (Waseda Univ.) Miho MURATA (Kanagawa Univ.)

Thieu Huy NGUYEN (Hanoi Univ. of Sci. and Tech.)

Takahiro OKABE (Hirosaki Univ.)

Hirokazu SAITO (Waseda Univ.)

Okihiro SAWADA (Gifu Univ.)

Kohei SOGA (Keio Univ.)

Ryo TAKADA (Kyushu Univ.)

Patrick TOLKSDORF (TU Darmstadt)

Kazuyuki TSUDA (Osaka Univ.)

Shinya UCHIUMI (Waseda Univ.)

Erika USHIKOSHI (Yokohama National Univ.)

... and 10 minutes talks.

### Organizers:

Reinhard Farwig

Matthias Hieber

Hideo Kozono

Yoshihiro Shibata

科研費  
KAKENHI

TOP GLOBAL  
UNIVERSITY  
JAPAN

Supported by



WASEDA University



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

DFG



- Unit for "Multiscale Analysis, Modelling and Simulation"  
Top Global University Project, Waseda University
- Institute of Mathematical Fluid Dynamics, Waseda University
- JSPS Grant-in-aid for Scientific Research (S)  
No. 16H06339 (H. KOZONO)
- JSPS Grant-in-aid for Scientific Research (A) No. 17H01097 (Y. SHIBATA)



<http://www.japan-germany.sci.waseda.ac.jp/event/201801/>