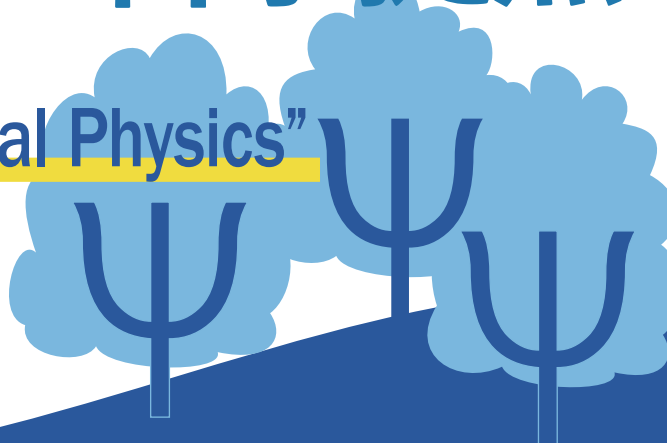


Mathematics and Physics Unit,  
"Multiscale Analysis, Modeling and Simulation"  
Top Global University Project, Waseda University

スーパー  
グローバル  
大学  
創成支援

数物系  
科学拠点

**International Workshop on  
"Fundamental Problems  
in Mathematical and Theoretical Physics"**



**July 24 – July 28, 2017**  
**Waseda University, Tokyo**

02 Conference Room, 1st Floor, 55N Bldg.

**Organizers:**  
Vladimir GEORGIEV  
(Univ. Pisa and Waseda Univ.)  
Hiromichi NAKAZATO  
Tohru OZAWA  
Kazuya YUASA  
(Waseda University)

**Minicourses:**

**Daniel BURGARTH** (Aberystwyth Univ., UK)  
"Introduction to completely positive maps"

**Paolo FACCHI** (Univ. Bari, Italy)  
"Operator semigroups and product formulae"

**Tai-Chia LIN** (National Taiwan Univ., Taiwan)  
"Analysis of nonlinear Schrödinger equations and its applications"

**Saverio PASCAZIO** (Univ. Bari, Italy)  
"Wave propagation: from d'Alembert to Dirac"

**Yoshihiro TONEGAWA** (Tokyo Inst. of Tech., Japan)  
"A short course on Brakke's mean curvature flow"

**Invited Speakers:**

Luigi FORCELLA (Scuola Normale Superiore, Pisa, Italy)

Kazumasa FUJIWARA (Waseda Univ., Japan) Masayuki HAYASHI (Waseda Univ., Japan)

Shuji MACHIHARA (Saitama Univ., Japan) Hironobu SASAKI (Chiba Univ., Japan)

Supported by



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

<http://www.sgu-mathphys.sci.waseda.ac.jp/en/>