

Mathematics and Physics Unit,
"Multiscale Analysis, Modelling 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 25 – July 26, 2022

Waseda University, Tokyo

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

Organizers:

Vladimir GEORGIEV

(Univ. of Pisa and Waseda Univ.)

Hiromichi NAKAZATO

Tohru OZAWA

Kazuya YUASA

(Waseda Univ.)

Minicourses:

Vladimir GEORGIEV (University of Pisa, Waseda University)

"On global dynamics of NLS and wave equation"

I. Stability/instability results for NLS with singularity in 2D

II. Scattering and global dynamics for Chern-Simons-Schrödinger system

III. On Strauss conjecture for wave equation with inverse square potential

Fumio HIROSHIMA (Kyushu University)

"Renormalization, ground states, and localization by path measures"

Invited Speakers:

Ryunosuke KUSABA (Waseda University)

Shuji MACHIARA (Saitama University)

Satoshi MASAKI (Osaka University)

Takuya SATO (Tohoku University)

Taiki TAKEUCHI (Waseda University)



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To all those who are in need of special assistance:

If you are in need of transcription for hearing impairment or similar, sign-language interpretation, on-site guidance, special seating, or if you will be attending with children, please inform the organizer at least two weeks prior to the event. We will endeavor to accommodate you to the best of our abilities.

<https://www.waseda.jp/fsci/mathphys/en>