

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 16 – July 21, 2018
Waseda University, Tokyo

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

Minicourses:

- Rémi CARLES (Montpellier Univ., France)
"Universal Dynamics for the Logarithmic Schrödinger Equation"
Marcello D'ABBICCO (Univ. Bari, Italy)
"Critical Exponents for Higher Order Dissipative Evolution Equations"
Paolo FACCHI (Univ. Bari, Italy)
"Quantum Boundary Conditions"

Special Seminars:

- Takao AOKI (Waseda Univ., Tokyo)
"Coupled-Cavities Quantum Electrodynamics"
Daniel BURGARTH (Aberystwyth Univ., UK)
"Quantum Control in Infinite Dimensions"
Yasunobu NAKAMURA (Univ. Tokyo, Tokyo)
"Microwave Single Photon Detectors"
Saverio PASCAZIO (Univ. Bari, Italy)
"Entanglement Generation and Bound States in One-Dimensional QED"
Kouichi SEMBA (NICT, Tokyo)
"Light-Matter Interaction beyond 'Strong Coupling'
in Circuit Quantum Electrodynamics"

Seminars:

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| Paolo ABIUSO (SNS, Pisa) | Neal BEZ (Saitama Univ.) |
| Masayuki HAYASHI (Waseda Univ.) | Gaku HOSHINO (Osaka Univ.) |
| Masahiro IKEDA (RIKEN) | Hayato MIYAZAKI (NIT, Tsuyama College) |
| Motohiro SOBAJIMA (Tokyo Univ. Sci.) | Kenji YAJIMA (Gakushuin Univ.) |

Organizers: Hiromichi NAKAZATO, Tohru OZAWA, Kazuya YUASA (Waseda Univ.)

Supported by



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