

New trends in nonlinear dispersive equations

Day January 18 (Thu.), 2024; 10:00 – 17:50 (Japan Standard Time)

Place Hybrid; Waseda University (Nishiwaseda Campus, 62W 1F Room A)
and online (Zoom)

Program (* : online speakers)

- 10:00 – 10:50 **Mamoru Okamoto** (Osaka University)
Uniqueness of the Gaussian free field evolution under the Wick ordered nonlinear Klein-Gordon equation
- 11:00 – 11:50 **Laurent Thomann** (Université de Lorraine, France)
Quasi-invariance of Gibbs measures for time-dependent Hamiltonians
- 11:50 – 13:30 (Lunch, Coffee break)
- 13:30 – 14:20 **Neal Bez** (Saitama University)
Orthogonality, Schatten classes and the von Neumann–Schrödinger equation
- 14:30 – 15:20 **Laurent Thomann** (Université de Lorraine, France)
On the Lowest Landau Level equation in periodic frameworks
- 15:20 – 16:00 (Coffee break)
- 16:00 – 16:50 **Toyomu Matsuda*** (École Polytechnique Fédérale de Lausanne, Switzerland)
Probabilistic Young and rough differential equations
- 17:00 – 17:50 **Pierre Mackowiak*** (École Polytechnique, France)
The Gross-Pitaevskii equation with white noise potential in dimension 1 and 2

Organizers

Reika Fukuizumi (Waseda University)
Masaya Maeda (Chiba University)
Takahisa Inui (Osaka University)
Masato Hoshino (Osaka University)