RIMS Symposium (open)

Harmonic Analysis and
Nonlinear Partial Differential Equations

Organizers   Satoshi Masaki
（Osaka University）
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（Nagoya University）

Date: 2021, July 5 (Mon) 1：30 pm – July 7 (Wed) 11：45 am
Venue: Online,

Online registration is required for participation. See this cite (`https://forms.gle/iAMvM5tkGzkQPN4k8`).

Program

July 5 （Mon）

13：30 – 14：30   Shobu Shiraki (Saitama University)
Some variations of the pointwise convergence problem for the fractional
Schrödinger equation

14：45 – 15：45   Reika Fukuizumi (Tohoku University)
Stochastic models arising in quantum phenomena

16：00 – 17：00   Masato Hoshino (Osaka University)
Singular stochastic PDEs and regularity structures

July 6 （Tue）

9：00 – 10：00   Tomoyuki Tanaka (Nagoya Univeristy)
Unconditional well-posedness for some nonlinear periodic one-dimensional
dispersive equations

10：15 – 11：15   Timothy Candy   (University of Otago)
Global well-posedness below the ground state for the energy critical Za-
kharov equation

11：15 – 13：30   Lunch break

13：30 – 14：30   Daniel Spector   (Okinawa Institute of Science and Techonology)
A coarea substitute for solenoidal charges

14：45 – 15：45   Akihiko Miyachi (Tokyo Woman's Christian University)
Some recent results on singular multilinear pseudo-differential operators
(part 1)

16：00 – 17：00   Akihiko Miyachi (Tokyo Woman's Christian University)
Some recent results on singular multilinear pseudo-differential operators
(part 2)

19：00 –   Online Banquet[1]

July 7（Wed）

9：30 – 10：30   Takuya Sato (Tohoku University)
Critical L^2-decay for the dissipative nonlinear Schrödinger equation

10：45 – 11：45   Kenji Nakanishi (Kyoto University)
Optimal regularity in the Strichartz estimate with the inverse square potential

Supported by

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[1]Note that the access link is different from that for the conference. The detail is announced in the conference.