



# Researches on isometries as preserver problems and related topics

Symposia (open)

Organizer : Rumi Sindo Togashi (National Institute of Technology, Nagaoka College)

Period : Jan 28, 2019 (Mon)–Jan 30, 2019 (Wed)

Location : Room 111

## Program

Jan 28 (Mon)

13:00–13:50 Toshikazu Abe (Ibaraki University)

Title : Algebraic structures on  $\mathbb{R}^+$  for means

14:00–14:50 Norio Niwa (Nihon University)

Title : Surjective isometries on a Banach space of analytic functions on the open unit disc

15:00–15:50 Michiya Mori (University of Tokyo)

Title : Preserver problems and isometries of operator algebras

16:00–16:50 Osamu Hatori (Niigata University)

Title : 2-local isometries on spaces of continuous functions

Jan 29 (Tue)

9:30–10:20 Tamás TITKOS (Rényi Institute and BBS University of Applied Sciences)

Title : Isometries of Wasserstein spaces

10:30–11:00 Hiroko Meguro (Niigata University)

Title : 2-local isometries and the reflexivity property of certain spaces of continuous maps

11:10–11:40 Kyohei Tanabe (Niigata University)

Title : On spaces of Lipschitz maps with values in a uniform algebra

11:50–12:20 Takumi Uchiyama (Niigata University)

Title : On the 2-local property for operators on the space of some function spaces

14:00–14:50 Go Hirasawa (Ibaraki University)

Title : Some problems for semiclosed subspaces in a Hilbert space

15:00–15:50 Sei-Ichiro Ueki (Tokai University)

Title : Multiplicative linear functional on the Zygmund F-algebra

16:00–16:50 Sin-Ei Takahasi (Yamagata University, Laboratory of Mathematics and Games)

Title : On Inoue ideal

Jan 30 (Wed)

9:00–9:50 Alexander Guterman (Lomonosov Moscow State University)

Title : Maps preserving matrix order relations

10:00–10:50 Hironao Koshimizu (National Institute of Technology, Yonago College)

Title : 2-local isometries on spaces of differentiable functions

11:00–11:50 Keiichi Watanabe (Niigata University)

Title : On mappings between Möbius gyrovector spaces corresponding to Hilbert space operators