

Recent Progress in Ergodic Theory

Dates October 4 (Wed) – October 6 (Fri), 2023

Venue Room 111, Research Institute for Mathematical Sciences,
Kyoto University

Organizers Michihiro Hirayama (University of Tsukuba)
Rie Natsui (Japan Women's University)

PROGRAM

October 4 (Wed)

- 13:30–14:20 Vitally Bergelson (Ohio State University)
Dynamical generalizations of the Prime Number Theorem I
- 14:40–15:30 Valérie Berthé (CNRS and University of Paris-Cite)
Balanced words and symbolic dynamical systems I
- 15:50–16:40 Younghwan Son (Pohang University of Science and Technology)
Joint normality of representations of numbers

October 5 (Thu)

- 10:30–11:20 Yasushi Nagai (Shinshu University)
Overlap coincidences for general S-adic tilings
- 11:40–12:30 Vitally Bergelson (Ohio State University)
Dynamical generalizations of the Prime Number Theorem II
- 14:00–14:50 Valérie Berthé (CNRS and University of Paris-Cite)
Balanced words and symbolic dynamical systems II
- 15:10–16:00 Teturo Kamae (Osaka Metropolitan University)
Dynamical system at infinity, Supur-stationarity, Uniform complexity
and Pattern recognition I
- 16:20–17:00 Free discussion

October 6 (Fri)

- 10:00–10:50 Shunsuke Usuki (Kyoto University)
On a lower bound of the number of integers in Littlewood's conjecture
- 11:10–12:00 Teturo Kamae (Osaka Metropolitan University)
Dynamical system at infinity, Supur-stationarity, Uniform complexity
and Pattern recognition II