11th Workshop on Operator Theoretic Aspects of Ergodic Theory

Wuppertal, November 24–25, 2023.

Program

Version November 13, 2023

Friday, November 24

Talks in room G.15.20, building G, 15th floor.

09:00	**Welcome**
09:15 – 10:15	Joanna Kułaga-Przymus (Toruń) *One measure to rule them all: convolution systems*
10:25 – 11:00	**coffee break**
11:00 – 11:25	Daniel Sell (Toruń) *Invariant B-free measures from codings*
11:35 – 12:00	Mostafa Sabri (NYU Abu Dhabi) *Ergodic theorems for unitary evolutions on tori and crystal lattices*
12:10 – 12:35	Ivan Veselic (Dortmund) *Quantitative uniform convergence estimates for the integrated density of states*
12:45 – 14:00	**lunch break at the university dining hall**
14:00 – 15:00	Yonatan Gutman (IMPAN) *The finite-dimensional embedding problem in topological dynamics for arbitrary group actions*
15:15 – 15:40	Diego González-Sánchez (Alfréd Rényi Institute Budapest) *On measure-preserving $\mathbb{F}_p^\omega$-systems of order k*
15:45 – 16:15	**coffee break**
16:15 – 17:15	Daniel Lenz (Jena) *Aperiodic order and mathematical diffraction theory*
17:30 – 17:55	Sohail Farhangi (Poznań) *Van der Corput's Difference Theorem and the left regular representation*
18:15	**conference dinner at the university restaurant "Kneipe"**

Saturday, November 25

Talks in room G.15.20, building G, 15th floor.

09:15 – 10:15	Karma Dajani (Utrecht) *The matching phenomenon*
10:25 – 11:00	**coffee break**
11:00 – 11:25	Catalin Badea (Lille) *Around Furstenberg's times p, times q conjecture*
11:35 – 12:00	Michael Lin (Be'er Sheva) *Uniform ergodicity and the one-sided ergodic Hilbert transform*
12:00 – 12:25	Pablo Lummerzheim (Leipzig) *Ergodicity of Skew-Products over Markov Chains*
12:35 – 13:00	Michael Baake (Bielefeld) *Hats, CAPs and Spectres*
13:15	**Farewell gathering**