



## UPDATED WORKSHOP SCHEDULE 2

All lectures on Monday through Friday will take place at the Faculty of Physics, Astronomy and Applied Computer Science of the Jagiellonian University (room 055, address: Reymonta 4, Kraków). Saturday's lectures will be held at the Faculty of Mathematics and Computer Science of the Jagiellonian University (room 0004, address: Łojasiewicza 6).

### SUNDAY – September, 15<sup>th</sup>

18:00 – 22:00	Integration Evening
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### MONDAY – September, 16<sup>th</sup>

8:30 – 9:00	BREAKFAST
9:00 – 10:00	Registration for Participants
10:00 – 11:10	Przemysław Mazur, <i>Introductory Lecture</i> (basic definitions and theorems)
11:10 – 11:30	COFFEE BREAK
11:30 – 13:10	Tomasz Downarowicz, <i>The Simplex of Invariant Measures of a Topological Dynamical System</i> (part 1)
13:10 – 14:15	LUNCH BREAK
14:15 – 15:00	Martha Łącka, <i>On the Connection Between Hausdorff Dimension and Bowen's Definition of Topological Entropy</i>
15:10 – 15:55	Dariusz Dudzik, <i>Entropy and Pythagoras' Theorem</i>
15:55 – 16:15	COFFEE BREAK
16:15 – 17:00	Krzysztof Drachal, <i>Algebro-Geometric Methods in Classical Dynamics</i>
17:10 – 17:55	Marcin Lara, <i>Ergodic Theory and Continued Fractions</i>
18:00 – 21:00	Board Games Evening

### TUESDAY – September, 17<sup>th</sup>

8:30 – 9:15	BREAKFAST
10:20 – 11:20	Tomasz Downarowicz, <i>The Simplex of Invariant Measures of a Topological Dynamical System</i> (part 2)
11:20 – 11:35	COFFEE BREAK
11:35 – 13:15	Tomasz Downarowicz, <i>The Simplex of Invariant Measures of a Topological Dynamical System</i> (part 3)
13:15 – 14:15	LUNCH BREAK
14:15 – 15:00	Przemysław Mazur, <i>Ergodic Theory and Diophantine Approximation</i>
15:10 – 16:05	Jakub Konieczny, <i>Applications of Ultrafilters in Ergodic Theory</i>
16:05 – 16:15	COFFEE BREAK
16:15 – 17:55	Vitaly Bergelson, <i>The Multifarious Poincare Recurrence Theorem</i>
19:00 – 22:00	Billiards Evening

**WEDNESDAY – September, 18<sup>th</sup>**

8:30 – 9:15	BREAKFAST
9:30 – 11:10	Vitaly Bergelson, <i>Ergodic Ramsey Theory</i>
11:10 – 11:30	COFFEE BREAK
11:30 – 13:10	Tanja Eisner, <i>Ergodic Theorems</i>
13:10 – 14:15	LUNCH BREAK
14:15 – 15:55	Pavel Zorin-Kranich, <i>Sated Systems and Multiple Ergodic Averages</i>
15:55 – 16:15	COFFEE BREAK
16:15 – 17:55	Mikołaj Frączyk, <i>Characteristic Factors and Nilrotation</i>
18:15 – 20:00	Yoga Class

**THURSDAY – September, 19<sup>th</sup>**

8:30 – 9:00	BREAKFAST
9:00 – 13:30	Sightseeing trips
13:30 – 14:10	LUNCH BREAK
14:10 – 15:50	Vitaly Bergelson, <i>Ergodic Ramsey Theory</i>
15:50 – 16:20	COFFEE BREAK AND POSTER PRESENTATIONS (TALKING WITH POSTER AUTHORS)
16:20 – 18:00	Markus Haase, <i>States vs. Observables - Operators in Ergodic Theory (part 1)</i>
19:00 – 22:00	Karaoke Evening

**FRIDAY – September, 20<sup>th</sup>**

8:30 – 9:15	BREAKFAST
9:30 – 11:10	Vitaly Bergelson, <i>Ergodic Ramsey Theory</i>
11:10 – 11:30	COFFEE BREAK
11:30 – 13:10	Markus Haase, <i>States vs. Observables - Operators in Ergodic Theory (part 2)</i>
13:10 – 14:15	LUNCH BREAK
14:15 – 15:00	Anna Szumowicz, <i>Non-Archimedean Discrete Dynamical Systems</i>
15:10 – 15:55	Maciej Gawron, <i>Ergodic Properties of Beta Expansions</i>
15:55 – 16:15	COFFEE BREAK
16:15 – 17:00	Anna Tyburska, <i>On Recurrence and Ergodicity for Geodesic Flows on Non-Compact Polygonal Surfaces</i>
17:10 – 17:55	Eugeniusz Dymek, <i>Cylinder Flows with Transitivity, Discrete Orbits and Some Chaos</i>
19:00 – 22:00	Integration Evening

**SATURDAY – September, 21<sup>st</sup>**

8:30 – 9:15	BREAKFAST
9:30 – 11:10	Vitaly Bergelson, <i>Ergodic Ramsey Theory</i>
11:10 – 11:30	COFFEE BREAK
11:30 – 13:10	Vitaly Bergelson, <i>Ergodic Ramsey Theory</i>
13:30 – 14:00	Results of the Best Poster and Best Lecture Contests, Closing Speech