

|                   |  |                       |
|-------------------|--|-----------------------|
| Guest lecture     |  |                       |
| Student lecture   |  |                       |
| Excercise session |  |                       |
|                   | <b>Monday</b>  |                       |
| 8:00-9:00         | Registration   |                       |
| 9:00-9:45         | Opening lecture  | Dominik Kwietniak     |
| 10:00-10:45       | Invariant Measures   | Damla Buldag          |
| 11:00-11:45       | Densities  | Zuzanna Czakon        |
| 12:00-12:45       | Useful pseudometrics on the Symbolic Spaces: $\tau$ and $\bar{\tau}$                 | Martha Łącka          |
| 13:00-13:45       |  |                       |
| 14:00-15:00       | Lunch  |                       |
| 15:15-16:00       | Quadratic family   | Neil Dobbs            |
| 16:15-17:00       |  |                       |
| 17:15-18:00       | Logarithmic empirical measures   | Habibeh Pourmand      |
| 20:00+            | Integration  |                       |
|                   |  |                       |
|                   | <b>Tuesday</b>   |                       |
| 9:00-9:45         | Dynamically Generated Pseudometrics for Z- Action                                    | Martha Łącka          |
| 10:00-10:45       |  |                       |
| 11:00-11:45       | Invariant probability measures   | Neil Dobbs            |
| 12:00-12:45       |  |                       |
| 13:00-13:45       | Kac' Lemma; first return maps; spreading measures.                                   | Dawid Bucki           |
| 14:00-15:00       | Lunch  |                       |
| 15:15-16:00       | Dynamically Generated Pseudometrics on Amenable Groups                               | Martha Łącka          |
| 16:15-17:00       |  |                       |
| 17:15-18:00       | Sofic entropy of Toeplitz systems  | Przemysław Kucharski  |
| 18:00+            | Integration  |                       |
|                   |  |                       |
|                   | <b>Wednesday</b>   |                       |
| 9:00-9:45         | the Rohlin Lemma   | Ayse Sahin            |
| 10:00-10:45       |  |                       |
| 11:00-11:45       | Dense Analytic Curves  | Nikolay Sheshko       |
| 12:00-12:45       | the Alpern Lemma   | Melih Emin Can        |
| 13:00-14:00       | Lunch  |                       |
| 14:15-15:00       | Extending of the Alpern Lemma  | Ayse Sahin            |
| 15:15-16:00       |  |                       |
| 16:15-17:00       | the Folklore Theorem   | Eryk Lipka            |
| 17:15-18:00       | Leader-following consensus of discrete-time multi-agent system                       | Katarzyna Mroczkowska |
| 20:00+            | Integration  |                       |
|                   |  |                       |
|                   | <b>Thursday</b>  |                       |
| 9:00-9:45         | Asymptotic behaviour of parameters and of sizes of certain dynamically-defined inter | Neil Dobbs            |
| 10:00-10:45       |  |                       |
| 11:00-11:45       | On the timescale at which statistical stability breaks down                          | Neil Dobbs            |
| 12:00-12:45       |  |                       |
| 13:00-14:00       | Lunch  |                       |
| 14:15-15:00       | Using of the Rohlin tower  | Ayse Sahin            |
| 15:15-16:00       |  |                       |

|             |   |                    |
|-------------|---|--------------------|
| 16:15-17:00 | Dynamics systems in theoretical computer science                    | Nishant Chandgotia |
| 17:15-18:00 |   |                    |
| 18:00+      | Integration   |                    |
|             |   |                    |
|             | <b>Friday</b>   |                    |
| 9:00-9:45   | Entropy   | Nishant Chandgotia |
| 10:00-10:45 |   |                    |
| 11:00-11:45 | Alpern Lemma  | Marcel Mroczek     |
| 12:00-12:45 | Uniqueness and non-uniqueness of measures of maximal entropy        | Tymoteusz Chmiel   |
| 13:00-14:00 | Lunch   |                    |
| 14:15-15:00 | The Rohlin or Alpern Lemmas in the classical context.               | Ayse Sahin         |
| 15:15-16:00 |   |                    |
| 16:15-17:00 | Measures of maximal entropy   | Nishant Chandgotia |
| 17:15-18:00 |   |                    |
| 20:00+      | Integration   |                    |
|             |   |                    |
|             | <b>Saturday</b>   |                    |
| 9:00-9:45   | Periodic expansion in determining minimal sets of Lefschetz periods | Adrian Myszkowski  |
| 10:00-10:45 | Mixing properties of hom-shifts                                     | Elżbieta Krawczyk  |
| 11:00-11:45 | The universality of hom-shifts                                      | Nishant Chandgotia |
| 12:00-12:45 |   |                    |
| 13:00-13:45 | Closing ceremony  |                    |
| 14:00-15:00 | Lunch   |                    |