# Measurability, Ergodic Theory and Combinatorics 

8-12 July 2019<br>Organisers: Miklós Abért, Tim Austin, András Máthé and Oleg Pikhurko

PROGRAMME<br>All lectures will be in Room MS.01, Mathematics Institute

| Monday 8 July |  |
| :---: | :---: |
| 10:00 | Registration (Room B1.37) and coffee in the Mathematics Institute Staff Common Room |
| 11:00 | Joel Moreira (Northwestern University) A sumset conjecture of Erdös |
| 12:00 | Ben Green (University of Oxford) Monochromatic sums and products |
| 13:00 | Lunch in the Mathematics Institute Staff Common Room |
| 14:30 | Andreas Thom (TU Dresden) Obstructions to stability |
| 15:30 | Coffee break in the Mathematics Institute Staff Common Room |
| 16:00 | Vitaly Bergelson (Ohio State University) Polynomial Ramsey Theory |
| 17:00 | Open problem session |
| 18:00 | Reception and dinner in the Mathematics Institute Staff Common Room |
| Tuesday 9 July |  |
| 9:30 | Clinton Conley (Carnegie Mellon University) Equitable colorings |
| 10:30 | Coffee break in the Mathematics Institute Staff Common Room |
| 11:00 | Andrew Marks (UCLA) <br> Measurable realizations of abstract systems of congruences |
| 12:00 | Robin Tucker-Drob (Texas A\&M University) TBD |
| 13:00 | Lunch in the Mathematics Institute Staff Common Room |
| 14:30 | Anush Tserunyan (University of Illinois at Urbana-Champaign) TBD |
| 15:30 | Coffee break in the Mathematics Institute Staff Common Room |
| 16:00 | Damien Gaboriau (ENS Lyon) On IRS of surface groups and higher <br> dimensional manifolds |
| 17:00 | Łukasz Grabowski (Lancaster Unversity) Almost finite actions of non-amenable groups |
| 18:00 | Dinner in the Mathematics Institute Staff Common Room |

Continued over

## PROGRAMME cont. <br> All lectures will be in Room MS.01, Mathematics Institute

## Wednesday 10 July

9:30 Nikolay Nikolov (University of Oxford) Gradients in discrete and profinite groups
10:30 Coffee break in the Mathematics Institute Staff Common Room
11:00 Tamar Ziegler (Hebrew University) Sections of high rank varieties and application
12:00 Lunch \& free afternoon (discussions, group work, hiking trip, etc)

19:00 Workshop dinner (Radcliffe)

| Thursday 11 July <br> 9:30 | Gábor Elek (Lancaster Unversity) |
| :--- | :--- | | Continuous graph limits and the spaces of |
| :--- |
| 10:30 |

18:00 Dinner in the Mathematics Institute Staff Common Room

Friday 12 July
9:30 Brandon Seward (Courant Institute) Borel asymptotic dimension and hyperfinite equivalence relations
10:30 Coffee break in the Mathematics Institute Staff Common Room
11:00 Lewis Bowen (University of Texas at Austin) A topological dynamical system with two different positive sofic entropies
12:00 Hanfeng Li (SUNY at Buffalo) Entropy and combinatorial independence
13:00 Lunch in the Mathematics Institute Staff Common Room \& free time

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[^0]:    For further information on events at the Mathematics Institute, see: go.warwick.ac.uk/mathsevents or contact: Mathematics Research Centre, Zeeman Building, University of Warwick, Coventry CV4 7AL, UK E-mail: mrc@maths.warwick.ac.uk Phone: +44(0)24 76522681

