

DYNAMICAL SYSTEMS AND ERGODIC THEORY

Wednesday 12 December PM

COLT 122

- 14.50–15.15 Mathias Beiglböck
Ramsey theory from a dynamical viewpoint
- 15.15–15.40 Anthony Dooley
The AT Property is not Preserved by Finite Extensions
- 16.00–16.25 Anthony Quas
Distances in Positive Density Sets
- 16.25–16.50 Alistair Windsor
Tilings and Gallai's Theorem
- 16.50–17.15 Reinhard Winkler
For a Topologist, Typical Sequences are Extremely Irregular

Thursday 13 December Evening

CO 118

- 18.15–18.40 Arno Berger
Uniform Attraction and Growth in Nonautonomous Dynamical Systems
- 18.40–19.05 Wenzhi Luo
Equidistribution of closed Geodesics on the Modular Surface
- 19.05–19.30 Martin Wechselberger
Canard Induced Mixed-Mode Oscillations
- 19.30–19.55 Ilze Ziedins
Nonmonotonicity of Phase Transitions in a Tree Loss Network

Friday 14 December PM

CO 228

- 14.50–15.15 Boris Baeumer
Brownian Subordinators And Fractional Cauchy Problems
- 15.15–15.40 Dmitry Dolgopyat
Galton Board
- 16.00–16.25 Ian Melbourne
Decay of Correlations for Lorentz gases
- 16.25–16.50 Matthew Nicol
Extreme Value Statistics for non-Uniformly Hyperbolic Systems

Saturday 15 December AM

COLT 122

- 9.50–10.15 Keith Burns
Typical Partially Hyperbolic Diffeomorphisms with 1-Dimensional Center are Accessible
- 10.15–10.40 Gary Froyland
Phase Transitions and Equilibrium States
- 11.00–11.25 Rua Murray
Ulam's Method for Invariant Measures with an Indifferent Fixed Point
- 11.25–11.50 Luchezar Stoyanov
Spectra of Ruelle Transfer Operators for Contact Flows on Basic Sets