



WINTER SCHOOL ON

Dynamics: Topology and Numbers

Organizers: Manfred Einsiedler (*Zürich*), Martin Möller (*Frankfurt*), Anke Pohl (*Bremen*), Tom Ward (*Leeds*)

Date: January 13-17, 2020

Location: HIM lecture hall, Poppelsdorfer Allee 45, Bonn

The winter school will provide an introduction to the main topics of the trimester program. The lectures will discuss recent developments in the study of the dynamics on homogeneous spaces and on moduli spaces of translation surfaces. An emphasis will be put on presenting different methods, including transfer operator techniques. The lectures will be mainly directed at PhD students and junior researchers.

Speakers:

- Manfred Einsiedler/Alex Gorodnik: ***(Effective) Homogeneous Dynamics***
- Omri Sarig: ***Introduction to the transfer operator method***
- Jon Chaika: ***The horocycle flow on moduli spaces of translation surfaces***



Call for participation: Financial support for PhD students and postdocs is available. Please send applications (including a letter of intent, a CV, and a letter of recommendation) using the online application form at <https://www.him.uni-bonn.de/dynamics-topology-and-numbers/winter-school/>. The deadline for applications is: September 30, 2019.