

30.06.2021

Einladung

zu der am **Mittwoch, den 7. Juli 2021, um 16:00 Uhr**
per Onlinevortrag über Zoom / Präsenzveranstaltung im SRZ 116/117 (nur mit persönlicher Einladung) stattfindenden

Antrittsvorlesung

von Frau JProf. Dr. Aleksandra Kwiatkowska

über das Thema

„Minimal flows of Polish groups“

Kurzfassung: There are several important phenomena that concern Polish groups, that is, separable and completely metrizable topological groups, which are not present in locally compact groups. Some of them deal with minimal flows, as well as extreme amenability (every extremely amenable group is also amenable), and they are related to the unique ergodicity problem by Angel-Kechris-Lyons. Important examples of Polish groups can be found among the isometry groups of separable metric spaces and the groups of homeomorphisms of compact separable spaces.

It is often a very non-trivial problem to describe the universal minimal flow of a topological group. From the work of Pestov and Kechris-Pestov-Todorćević we know nevertheless that many Polish groups have metrizable universal minimal flows, which is possible to describe explicitly. In fact Kechris-Pestov-Todorćević established an equivalence between the Ramsey theory for finite structures (graphs, metric spaces, etc.) and extreme amenability, and showed how to use this equivalence to describe universal minimal flows in many situations.

Zugangsdaten:

<https://www.zoom.us/j/99029181100>

Meeting-ID: 990 2918 1100

Kenncode: 948977

gez. Xiaoyi Jiang, Dekan