

## Thematic Session

Session title: Ergodic Theory and Dynamical Systems

## **Organizers:**

Tatiana Eisner, University of Leipzig, eisner@math.uni-leipzig.de Roland Gunesch, University of Hamburg, Roland.Gunesch@math.uni-hamburg.de Dominik Kwietniak, Jagiellonian University in Krakow, dominik.kwietniak@gmail.com Piotr Oprocha, AGH University of Science and Technology, oprocha@agh.edu.pl

## Description of the topic:

This session focuses on some new key developments in the area of Ergodic Theory and Dynamical Systems. We anticipate that it will bring researchers from around the world working on topics as diverse as:

- Topological dynamics,
- New constructions in Ergodic Theory,
- Statistical properties of dynamical systems (entropy, equilibrium states)
- Combinatorial aspects of dynamical systems & ergodic theory
- Applications in other areas of mathematics.

## 2011 Mathematic Subject Classification:

37Axx, 37Bxx, 37Cxx , 37Dxx, 37Exx