## Thematic Session

Session title: Probabilistic and Extremal Combinatorics

## Organizers:

Tomasz Luczak, Adam Mickiewicz University Poznan, tomasz@amu.edu.pl Andrzej Rucinski, Adam Mickiewicz University Poznan, rucinski@amu.edu.pl Mathias Schacht, University of Hamburg, schacht@math.uni-hamburg.de Anusch Taraz, TU Hamburg-Harburg, taraz@tuhh.de

## Description of the topic:

This session will focus on recent advances in probabilistic and extremal combinatorics. We anticipate lectures on topics such as random graphs, Ramsey theory and density problems, and expect fruitful discussions concerning various approaches based on the probabilistic method, regularity techniques and analytic combinatorics.

The meeting brings together the active groups in Germany, Poland and other countries, and will also include young researchers at the postdoc level.

## 2011 Mathematic Subject Classification:

05D, 05C35, 05C80