

# YMCN Autumn School: Probability and dynamics on groups

22–26 September 2025 | University of Münster, Germany

The interaction between probability, dynamics and group theory is an active and growing area of research with exciting recent developments. This includes in particular the study of

- random walks and Poisson boundaries,
- percolation and its relation to geometric group theory,
- ergodic theory on groups and probability measure preserving actions.

There is a diverse set of available tools, and the goals of this autumn school are to expose young researchers to these tools, to facilitate collaborations and to stimulate new interactions. In particular, we want to give young researchers a chance to share their research and connect to other young researchers in their, as well as adjacent, fields.

## Mini-courses

Timothée Bénard  
Cornelia Drutu  
Damien Gaboriau  
Gábor Pete (*to be confirmed*)

## Research Talks

Kunal Chawla  
Inhyeok Choi  
Matteo D'Achille  
Barbara Dembin  
Hanna Oppelmayer  
Franco Severo

## Organisers

Luzie Kupffer  
Konstantin Recke  
Eduardo Silva



[www.mathematics-muenster.de/  
go/probdyn-on-groups\\_2025](http://www.mathematics-muenster.de/go/probdyn-on-groups_2025)