

# Representation Theory Days

Friedrich Schiller University, Jena

October 25–26, 2019

## Friday, October 25

- 13:50 – 14:00 Welcome
- 14:00 – 14:50 **Karin Erdmann (Oxford, UK)**  
*Modules of constant Jordan type for quantum complete intersections*
- 15:00 – 15:25 **Cesare Giulio Ardito (Manchester, UK)**  
*Classifying blocks with an elementary abelian defect group of order  $2^n$*
- 15:30 – 16:00 Coffee break
- 16:00 – 16:25 **Julian Brough (Wuppertal)**  
*A criterion for the inductive Alperin weight conjecture*
- 16:30 – 16:55 **Lucas Ruhstorfer (Kaiserslautern)**  
*Jordan decomposition for the Alperin-McKay conjecture*
- 17:00 – 17:50 **Artem Lopatin (Campinas, Brazil)**  
*Free algebras of matrix invariants*
- 19:00 Dinner at Restaurant *Schwarzer Bär* (Lutherplatz 2)

## Saturday, October 26

- 09:00 – 09:50 **Iuliia Semikina (Bonn)**  
*G-theory of group rings for finite groups*
- 10:00 – 10:25 **Gunter Malle (Kaiserslautern)**  
*Conjugacy class numbers and  $\pi$ -subgroups*
- 10:30 – 11:00 Coffee break
- 11:00 – 11:25 **Erzsebet Horváth (Budapest, Hungary)**  
*Constructing subgroups of large even depth*
- 11:30 – 11:55 **Emily Norton (Kaiserslautern)**  
*Vertices for Hecke and Cherednik algebras and the Dipper-Du conjecture*
- 12:00 – 12:25 **Sofia Brenner (Jena)**  
*On the Malle-Navarro Conjecture for General Linear and Unitary Groups*
- 12:30 – 13:00 **Shigeo Koshitani (Chiba, Japan)**  
*A principal  $p$ -block with a few characters*

All talks will take place in Lecture Room 4, Abbeanum, Fröbelstieg 1, top floor.  
(This is about 15 minutes walking distance from the city center.)

Coffee breaks will be in Seminar Room 5.