

# Tentative Program

## NIKOLAUS CONFERENCE 2023

(Lehrstuhl für Algebra und Zahlentheorie, RWTH Aachen)

All talks will be in room SeMath (008) in the ground floor of Pontdriesch 14-16.  
Meeting point and coffee breaks are at Lehrstuhl für Algebra und Zahlentheorie in the first floor of the same building.

### Friday, December 8, 2023

- 2.00–2.20pm **Sofia Brenner** (Darmstadt): *Tuple Regularity and  $k$ -Ultrahomogeneity for Finite Groups*
- 2.30–2.50pm **Luca Di Gravina** (Halle): *Möbius Functions of Groups*
- 3.00–3.20pm **Rafał Lutowski** (Gdańsk): *Minimal Non-Solvable Bieberbach Groups*
- (coffee and discussion)
- 4.40–5.00pm **Philippe Nadeau** (Lyon): *Koszulity of the Algebra of the Dual Braid Monoid*
- 5.10–5.30pm **Maria Chlouveraki** (Athens): *Three Generalizations of the Temperley-Lieb algebra*
- 5.40–6.00pm **Gunter Malle** (Kaiserslautern): *Robinson's Conjecture on Defects*
- 7.00pm–?? **Evening session and dinner** (in the Laberinto, Pontstraße 156/158)

### Saturday, December 9, 2023

- 10.00–10.20am **Sergio Cia** (Paris): *A Mackey Formula for Non-Connected Reductive Groups*
- 10.30–10.50am **Barbara Baumeister** (Bielefeld): *Hurwitz Transitivity in Coxeter and Extended Coxeter Groups*
- 11.00–11.20am **Edoardo Salati** (Dresden): *Large  $p$ -Subgroups: a Local Approach*
- 11.30–11.50am **Sonia Petschick** (Wuppertal): *The Galois-McKay Conjecture and Characters of Sylow Normalizers in Special Linear and Special Unitary Groups*
- (lunch break)
- 2.00–2.20pm **Rebecca Waldecker** (Halle): *History and Context of the CFSG: Why do we care?*
- 2.30–2.50pm **Atle Höhne** (Halle): *Sporadic Simple Groups 1964 – 1972: From  $J_1$  to  $Ru$*
- 3.00–3.20pm **Bernhard Böhmler** (Hannover): *Trivial Source Characters in Domestic Representation Type*
- (coffee and discussion)
- 4.40–5.00pm **Patrick Browne** (Shannon): *Erdős-Ko-Rado Type Problems in Root Systems*
- 5.10–5.30pm **Sören Böhm** (Bochum): *Semisimplification of Linear Algebraic Groups and Lie Algebras*
- 5.40–6.00pm **Laura Voggesberger** (Bochum): *How to Compute Subgroups in Algebraic Groups*
- 7.00pm–?? **Research Cambridge Style!** (in the Pontgarten, Pontstraße 154)

Anyone is welcome to attend the talks.

Frank Lübeck

