

Final Program

NIKOLAUS CONFERENCE 2015

(Lehrstuhl D für Mathematik, RWTH Aachen)

All talks were in Pontdriesch 14/16 in Hörsaal SeMath (008). Meeting point and coffee breaks were at Lehrstuhl D, first floor (German counting) in the same building.

Friday, December 11, 2015

- 2.00–2.18pm **Oliver Goodbourn** (Bochum): *Reductive Pairs from Representations of SL_2*
- 2.30–2.50pm **Niamh Farrell** (London): *Rationality of Blocks of Quasi-Simple Finite Groups*
- coffee and discussion**
- 4.40–5.01pm **Alessandro Paolini** (Birmingham): *Construction of Characters of Sylow p -Subgroups of Finite Groups of Lie Type*
- 5.10–5.32pm **Kay Magaard** (Birmingham) *Quasisimple Overgroups of Quasisimple Irreducible Subgroups of Classical Groups*
- 5.40–5.58 **Mikael Cavallin** (Lausanne): *On Weight Multiplicities in Irreducible Lie Algebra Representations* [Slides]
- 7.00pm–?? **Research Cambridge Style!** (in the restaurant Pontgarten, Pontstraße 154)

Saturday, December 12, 2015

- 10.00–10.18am **Sadek Alharbat** (Paris): *Full Commutativity and Injectivity of Towers of \tilde{C} -Type Structures*
- 10.30–10.51am **Ronan Egan** (Galway): *On Linear Shift Representations* [Slides]
- 11:00–11:03am Advertisements for a special semester at CIB Lausanne (Gunter Malle) and the Grüppchen in Halle (Rebecca Waldecker)
- 11.03–11.23am **Paul Muecksch** (Hannover): *Recursively Free Reflection Arrangements*
- 11.30–11.51am **Thomas Gobet** (Kaiserslautern): *On the Transitivity of the Hurwitz Action in Finite Coxeter Groups*
- lunch break**
- 2.00–2.23pm **Imke Toborg** (Halle): *Tabor Groups* [Slides]
- 2.30–2.50pm **Tobias Rossmann** (Bielefeld): *Computing Zeta Functions of Groups, Algebras, and Modules*
- 3.00–3.18pm **Ann Kiefer** (Brussels/Bielefeld): *Generators for Discrete Subgroups of 2-by-2 Matrices over Rational Clifford Groups*
- coffee and discussion**
- 4.41–5.00pm **Neil Saunders** (Lausanne): *An Algorithm for Computing the Minimal Permutation Degree of a Finite Nilpotent Group*
- 5.10–5.26pm **Brendon Masterson** (Galway): *On the Table of Marks of a Direct Product of Finite Groups*
- 5.41–6.05pm **Trevor Welsh** (Aberdeen): *Practical Physical Bases from Invariants and Graphs*
- 7.00pm–?? **Research Cambridge Style!** (in the "Labyrinth", of course)

Anyone was welcome to attend the talks.

Frank Lübeck