

Final Program

DARSTELLUNGSTHEORIETAGE AND NIKOLAUS CONFERENCE 2013

(Lehrstuhl D für Mathematik, RWTH Aachen)

Talks on Thursday were in [Hörsaal V](#) in the Hauptgebäude, Templergraben 55.

Friday morning talks were in [Hörsaal Fo 3](#) (Kármán Auditorium).

The whole Nikolaus part, starting Friday afternoon, we used [Hörsaal IV](#), also in the Hauptgebäude.

Meeting point and coffee breaks were at Lehrstuhl D, Templergraben 64.

Thursday, December 5, 2013

- 2.01–2.46pm **Britta Späth** (Kaiserslautern): *A Reduction Theorem of Dade's Conjecture*
- 3.00–3.47pm **Götz Pfeiffer** (Galway): *On Descent Algebras and the Cohomology of Hyperplane Complements* [Slides]
- coffee and discussion**
- 4.42–5.16 **Olivier Dudas** (Paris): *Decomposition Numbers and Deligne-Lusztig Theory*
- 5.40–6.01pm **Frank Lübeck** (Aachen): *Kazhdan-Lusztig Polynomials and Conjectures by Guralnick and Wall*
- 7.00pm–?? We have reserved tables in the restaurant "Zum Wehrhaften Schmied", Jakobstrasse 26.

Friday, December 6, 2013

- 9.00–9.50am **Johannes Hahn** (Jena): *Gyoja's W-Graph Algebra*
- 10.00–10.30am **Shigeo Koshitani** (Chiba): *Finite Groups Whose First Cartan Invariants Are Two For $p=2$*
- 10.40–11.11am **Burkhard Külshammer** (Jena): *Blocks of Double Burnside Rings* [Preprint]
- 11.20–11.57am **Richard Dipper** (Stuttgart): *Irreducible Constituents of Minimal Degree in Super Characters of the Finite Unitriangular Groups*
- lunch break**
- 2.00–2.20pm **Richard Parker** (Cambridge): *Small Cancellation - Recent Advances*
- coffee and discussion**
- 4.40–5.00pm **Imke Toborg** (Halle): *Finite Simple $3'$ -Groups are Cyclic or Suzuki Groups* [Slides]
- 5.10–5.29 **Rebecca Waldecker** (Halle): *Permutation Groups Where Non-Trivial Elements Have Few Fixed Points* [Slides]
- 5.40–6.00pm **Gunter Malle** (Kaiserslautern): *Nilpotent and Abelian Hall Subgroups*
- Evening Use the numerous restaurants in Aachen in smaller groups; there are probably places where people meet after dinner ...

Saturday, December 7, 2013

- 10.00–10.19 **Baptiste Rognerud** (Amiens): *Equivalences Between Blocks of Mackey Algebras*
- 10.30–10.51am **Caroline Lassueur** (Kaiserslautern): *On Simple Endo-Trivial Modules* [Article]
- 11.00–11.21am **Alex Monnard** (Lausanne): *Stabilizing Bisets*
- 11.30–11.49 **Sadek Al Harbat** (Paris): *Classifying Fully Commutative Elements in Affine Coxeter Groups*
- lunch break**
- 1.30–1.48 **David Denoncin** (Paris): *About the Inductive AM Condition for the Simple Alternating Groups in Characteristic 2*
- 2.00–2.23pm **Jürgen Müller** (Jena): *Broué’s Abelian Defect Group Conjecture and 3-Decomposition Numbers of the Sporadic Simple Conway Group Co_1* [Preprint]
- 2.30–2.49 **David Ward** (Manchester): *Conjugate p -elements of Full Support that Generate the Wreath Product $C_p \wr C_p$* [Slides and Preprint]
- 3.00–3.21pm **Markus Pfeiffer** (St Andrews): *Backtrack Search in HPC-GAP*
- coffee and discussion**
- 4.40–4.54 **Nils Amend** (Bochum): *Supersolvable Restrictions of Reflection Arrangements* [Preprint]
- 5.10–5.31pm **Thomas Gerber** (Tours): *An Analogue of the Bumping Algorithm in Affine Type A*
- 5.40–6.02pm **Meinolf Geck** (Stuttgart): *Kazhdan-Lusztig Cells in Type E8*
- 7.00pm–?? **Research** Cambridge Style! (in the ”Labyrinth”, of course!)

Anyone was welcome to attend the talks.

Frank Lübeck