

Final Program

NIKOLAUS CONFERENCE 2011

(Lehrstuhl D für Mathematik, RWTH Aachen)

The first talks on Friday have been in [Hörsaal SG 513](#) (Seminargebäude). After the coffee break on Friday and on Saturday all talks were given in the *Hauptgebäude*, Templergraben 55, [Hörsaal IV](#). Meeting point and coffee breaks were at Lehrstuhl D, Templergraben 64.

Friday, December 9, 2011

- 2.02–2.23pm **Peter Fleischmann** (Kent): *Localization and Dehomogenization of Modular Rings of Invariants*
- 2.30–2.53pm **Liam Naughton** (Galway): *Computing the Table of Marks of a Cyclic Extension* [slides]
- coffee and discussion**
- 4.40–5.00pm **Michael Livesey** (Aberdeen): *Broué’s Abelian Defect Group Conjecture for Finite Classical Groups*
- 5.10–5.27pm **Benjamin Sambale** (Jena): *Donovan’s Conjecture for Certain Defect Groups* [slides]
- 5.40–6.00pm **Gunter Malle** (Kaiserslautern): *On the Conjectures of Arad-Herzog and Szep*
- 7.00pm–??¹ **Research Cambridge Style!** (in the restaurant Pontgarten, Pontstr. 154)

Saturday, December 10, 2011

- 10.02–10.22am **Anamari Nakić** (Zagreb): *Kramer-Mesner with Tactical Decomposition* [slides]
- 10.30–10.53am **Max Neunhöffer** (St Andrews): *Algorithmic Generalisations of Small Cancellation Theory*
- 11.00–11.21am **Richard Parker** (Cambridge): *The Algebra of Curvature* [slides]
- 11.30–11.52am **Kay Magaard** (Birmingham): *Tensor Products of Cross Characteristic Representations of Classical Groups* [slides]
- lunch break**
- 1.30–1.46pm **Peter Mosch** (Bochum): *Calculating Conjugacy Classes of Sylow p -Subgroups of Chevalley Groups*
- 2.00–2.18pm **Martin Couson** (Braunschweig): *Character Degrees of Finite p -Groups by Coclass*
- 2.30–2.53pm **Sandeep Murthy** (London): *TPP Triples of Subsets of Finite Groups* [preprint] [slides]
- 3.00–3.20pm **Michael Pleger** (Kaiserslautern): *Orbits on Irreducible Representations of Simple Algebraic Groups*
- coffee and discussion**
- 4.42–5.05pm **Ivan Marin** (Paris): *Cubic Hecke algebra on 5 strands* [preprint]
- 5.10–5.30pm **Nina Menezes** (St Andrews): *Random Generation and Chief Lengths of Permutation Groups* [slides]
- 5.40–5.55pm **Michael Cuntz** (Kaiserslautern): *Simplicial Arrangements with up to 27 Lines* [preprint] [slides]
- 7.00pm–??¹ **Research Cambridge Style!** (in the ”Labyrinth”)

Anyone was welcome to attend the talks.

Frank Lübeck

¹ come next year to find out yourself