

Final Program

NIKOLAUS CONFERENCE 2008

(Lehrstuhl D für Mathematik, RWTH Aachen)

All talks were given in the *Hauptgebäude*, Templergraben 55, Hörsaal IV. Meeting point and coffee breaks were at Lehrstuhl D, Templergraben 64.

Friday, December 5, 2008

- 2.01–2.21pm **Shigeo Koshitani** (Chiba): *Broué's Abelian Defect Group Conjecture is True for the Harada-Norton Simple Group for any Prime*
- 2.30–2.51pm **Gunter Malle** (Kaiserslautern): *Minimal 1-PIM's of Finite Groups*
- 3.01–3.21pm **Aram Mikaelian** (Oxford): *The Heller Translates of Some p -Permutation Modules*
- coffee and discussion**
- 4.40–5.00pm **Ryo Narasaki** (Osaka): *Some Examples of Perfect Isometries for Blocks with Non-Abelian Defect Groups*
- 5.11–5.33pm **Jean-Baptiste Gramain** (Lausanne): *Basic Sets for the Alternating Groups*
- 5.41–6.00pm **Marcus Bishop** (Galway): *Descent Algebra Calculations*
- 7.00pm–?? **Research** Cambridge Style! In the restaurant *Agora*, Gerlachstraße 20-22

Saturday, December 6, 2008

- 10.36–10.56am **Anne Shepler** (Denton/Aachen): *Reflection groups*
- 11.05–11.30am **Viktor Levandovskyy** (Aachen): *Letterplace Algorithm for Computing Noncommutative Groebner Bases*
- 11.40–12.00am **Jonathan Elmer** (Aachen): *Detecting the Depth of Modular Invariant Rings*
- lunch break**
- 2.00–2.17pm **Marina Borgart** (Stuttgart): *A Characterisation of the Alternating Groups*
- 2.29–2.49pm **Serena Cicalò** (Trento): *Evaluating the BCH Formula*
- 3.00–3.22pm **Markus Kirschmer** (Aachen): *Finite Symplectic Matrix Groups*
- coffee and discussion**
- 4.39–4.59pm **Hannah Coutts** (St Andrews): *Classifying the Primitive Permutation Groups of Degree Less than 4096*
- 5.10–5.31pm **James Mitchell** (St Andrews): *Computing Automorphisms of Semi-groups*
- 5.40–6.00pm **John Bamberg** (Gent): *The Role of Computers in Finite Geometry*
- 7.00pm–??* **Research** Cambridge Style! (in the "Labyrinth")

Anyone was welcome to attend the talks.

Frank Lübeck