

# Final Program

of the Nikolaus conference 1999 on  
**Computational Representation and Group Theory**  
(Lehrstuhl D für Mathematik, RWTH Aachen)

If not mentioned otherwise talks were given in the seminar room 221 in the “Sammelbau”, Templergraben 64, second floor.

## Friday, 3rd December 1999

- 2.03–2.26pm *Peter Fleischmann (Canterbury)*: The Noether bound in invariant theory of finite groups
- 2.41–3.10pm *Catharina Stroppel (Freiburg)*: Quivers for category  $\mathcal{O}$
- coffee and discussion**
- 4.32–5.00pm *Willem de Graaf (St. Andrews)*: Constructing modules over semisimple Lie algebras
- 5.16–5.49pm *Hans Schönemann (Kaiserslautern)*: Polynomials in FACTORY and SINGULAR
- 5.55–6.25pm *David Green (Wuppertal)*: The computer calculation of minimal projective resolutions
- 7.00pm–?<sup>1</sup> *Research Cambridge Style!* (in the “Labyrinth”)

## Saturday, 4th December 1999

- 10.00–10.32am *Max Neunhöffer (Aachen)*: Computation of condensed modules
- 10.42–11.14am *Meinolf Geck (Lyon)*: Kazhdan-Lusztig cells and James conjecture
- 11.22–11.50am *Bert Sevenhant (Hasselt)*: Gathering evidence for a conjecture of Kac
- lunch break**
- 2.15–2.43pm *Jürgen Klüners (Heidelberg)*: Computation of Galois groups
- 3.01–3.34pm *Radha Kessar (Oxford)*: Symmetric groups, wreath products and Morita equivalences
- 3.41–4.12pm *Fokko du Cloux (Lyon)*: Classification of Bruhat intervals
- coffee break**
- 4.53–5.23pm *Richard Parker (Cambridge)*: The Meat-Axe
- 5.31–5.50pm *Beth Holmes (Birmingham)*: A new computer construction of the Monster
- 7.00pm–?<sup>1</sup> *Research Cambridge Style!* (in the “Labyrinth”)

Anyone was welcome to attend the talks.  
Frank Lübeck

<sup>1</sup> come next year to find out yourself.