# Final Program
## Nikolaus Conference 2002
### (Lehrstuhl D für Mathematik, RWTH Aachen)

All talks were given in the lecture room AS, Templergraben 64 (basement of the same building as Lehrstuhl D).

## Friday, December 6, 2002

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| 2.01–2.21pm | **Dane Flannery** (Galway): *Listing Finite Linear Groups of Small Degree* |
| 2.25–2.44pm | **Alexander Konovalov** (Zaporozhye): *Calculations in Group Algebras Using the GAP Package LAG 3.0* |

**coffee and discussion** (from 3.15–4.15pm there was a talk in the "Graduiertenkolleg" by Bettina Eick with title *Constructing the Groups of Order at Most 2000* )

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| 4.31–4.54pm | **Meinolf Geck** (Lyon): *Computing Kazhdan-Lusztig Cells* |
| 5.00–5.25pm | **Lacrimioara Iancu** (Lyon): *Kazhdan-Lusztig Cells in Type $B_n$ with Unequal Parameters* |
| 5.40–6.05pm | **Jörg Feldvoss** (Hamburg): *On Groups and Associated Lie Algebras* |
| 7.00pm–(censored) | *Research* Cambridge Style! (in the EXIL, Schloßstraße 2) |

## Saturday, December 7, 2002

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| 10.01–10.26am | **Stefan Kohl** (Stuttgart): *Classifying Finite Simple Groups with at Most 17 Orbits Under Automorphisms*[1] |
| 10.30–10.46am | **Harm Pralle** (Braunschweig): *Affine Dual Polar Spaces* |
| 11.00–11.24am | **Gunter Malle** (Kassel): *Realizing $G_2(q)$ as Galois Group Over $\mathbb{F}_q[t]$*[1] |
| 11.30–11.50am | **Gabriele Nebe** (Ulm): *Codes and Invariant Theory* |

**lunch break**

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| 2.11–2.33pm | **Björn Aßmann** (Braunschweig): *Computing Presentations for Soluble Subgroups of $GL(n, \mathbb{Z})$* |
| 2.40–2.59pm | **Jon Thackray** (Cambridge): *Computing Orthogonal Group Signs* |
| 3.11–3.32pm | **Csaba Schneider** (Perth/Braunschweig): *Permutation Groups and Cartesian Decompositions* |

**coffee break**

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|---|---|
| 4.30–4.54pm | **Hui-Xiang Chen** (Aachen): *Tensor Products of Irreducible Representations of Space Groups* |
| 5.00–5.19pm | **Jürgen Klüners** (Kassel): *Computing Braid Group Actions* |
| 5.30–5.50pm | **Richard Barraclough** (Birmingham): *Conjugacy Class Representatives For The Monster Group* |
| 7.00pm–(censored) | **Research** Cambridge Style! (in the "Labyrinth") |

Anyone was welcome to attend the talks.

Frank Lübeck

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[1] these speakers had won extra 5 minutes by solving the conference puzzle!          Final version ( Mon Dec 9 16:17:25 CET 2002 )