

L.M.S. COMPUTATIONAL GROUP THEORY

Monday 2nd August

- 9.15 J. Neubiser : Character Theory System CAS II
- 10.20 J. McKay / L. Soicher : Computing Galois groups over \mathbb{Q}
- 11.05 Coffee
- 11.35 H. Lauer : SOGOS
- 1.00 Lunch
- 2.15 Photograph
- 2.30 C. Campbell : Presentations for simple groups
- 2.55 R. Curtis : The Mathieu group M_{12} and the Kitten
- 3.20 M. Vaughan-Lee : Nilpotent Quotient Algorithm

Tuesday 3rd August

- 9.15 M. Newman : Case studies I : groups of exponent 6
- 10.20 M. Atkinson : Micro-computers in group theory
- 10.45 Coffee
- 11.15 V. Pless : Coding Computations
- 11.55 J. Leon : Computing automorphism groups of combinatorial objects
- 1.00 Lunch
- 2.15 C. Sims : Algorithms for finitely presented groups II
- 3.20 N. Biggs : Group presentations for cubic graphs

Thursday 5th August

- 9.15 M. Newman: Case Studies II. Groups of order 128
- 10.20 R. Gilman: Enumerating infinitely many cosets.
- 10.55 Coffee
- 11.30 C. Sims: Algorithms for finitely presented groups III
- 1.00 Lunch
- 2.15 J. Conway

Friday 6th August

- 9.15 J. Cannon: CAYLEY II
- 10.20 A.M. Macbeth: Hyperbolic Manifolds
- 11.00 Coffee
- 11.30 J. Conway
- 1.00 Lunch

The light afternoon program for Thursday & Friday are

to give participants more time to compute.

Saturday 7th August

- 9.15 C. Sims: Algorithms for finitely presented groups IV
- 10.20 A. Kerber: Numerical ^{Information} ~~Algorithms~~ on the symmetric groups
- 11.10 Coffee
- 11.40 J. Conway:
- 1.00 Lunch
- 2.15 V. Felsch: An interactive program for computing subgroups
- 2.40 W. Plesken: Integral lattices with prescribed minimum
- 3.25 D. Nikolova: Calculation of commutator identities in alternating groups.

Sunday 8th August

- 9.15 J. Cannon: CAYLEY III
- 10.20 D. Holt: Calculating Schur multipliers
- 11.00 Coffee
- 11.30 D. Johnson: Action of Braid groups
- 12.00 G. Havas: Distinguishing knots
- 2.15 S. Norton: Classifying modular functions