

Talks are mostly 40 and 15 minutes slots. There are 10 minutes after each talk for questions/changed setup.

Monday

8:45-9:00: Banff Staff/Organizers – Welcome

9-9:40: Gerhard Hiss – Imprimitive representations for quasisimple classical groups

9:50-10:30: Coffee –

10:30-10:45: Karel Dekimpe – On the number of generators of a crystallographic group

10:55-11:10: Gretchen Ostheimer – Recognizing torsion-free nilpotent groups as direct products

11:30-13:00: Lunch –

13:00-14:00: Tour of Banff Center –

14:00: Group Photo –

14:10-14:25: Kay Magaard – Quasisimple overgroups of quasisimple irreducible subgroups of classical groups

14:35-14:50: Alastair Litterick – Non-Completely Reducible Subgroups of Exceptional Algebraic Groups

15:00-15:30: Coffee –

15:40-15:55: Klaus Lux – Character tables of trivial source modules.

16:05-16:20: John Dixon – Some open problems.

Tuesday – Ákos Seress Day

9-9:40: Charles Leedham-Green – The matrix group recognition project; where do we go from here?

9:50-10:30: Coffee –

10:30-11:10: Cheryl Praeger – Generating finite classical groups by elements with large fixed point spaces

11:30-13:30: Lunch –

14:20-15:00: Coffee –

15:00-15:40: Peter Brooksbank – Testing isomorphism of p -groups of genus 2

16:30-17:10: Bill Kantor – TBA

Wednesday – Morning only

9:00-9:40: Alice Niemeyer – Symmetric p -groups

9:50-10:30: Coffee –

10:30-10:45: James Wilson – A new isomorphism test for groups

10:55-11:10: Josh Maglione – Finding chief series in large unipotent groups of Lie type

11:20-11:35: Tobias Moede – Coclass theory for nilpotent associative algebras

11:45-13:30: Lunch –

Thursday

9:00-9:40: Gabriele Nebe – Computing unit groups of orders

9:50-10:30: Coffee –

10:30-10:45: Eric Jespers – Units of integral group rings of finite groups

10:55-11:10: Rebecca Waldecker – Permutation groups where non-trivial elements have few fixed points.

11:20-13:30: Lunch –

13:30-14:10: Willem de Graaf – Generators of arithmetic groups

14:30-15:00: Coffee –

15:00-15:40: Alla Detinko – Algorithms for arithmetic groups: a practical approach.

15:50-16:15: Dane Flannery – Integrality and arithmeticity of solvable linear groups

16:15-16:45: Break –

16:45-17:00: Markus Kirschmer – The explicit membership problem for discrete free subgroups of $\mathrm{PSL}(2, \mathbb{R})$

Friday – Morning only.

9:00-9:40: Arjeh Cohen – Row Reduction for Twisted Groups of Lie type

9:50-10:30: Coffee –

10:30-10:45: Alex Ryba – Tensor decomposition

10:55-11:20: Robert Wilson – Black box groups and the Monster

11:30-13:30: Lunch –