

Groups St Andrews in Birmingham 2017: Full Academic and Social Timetable

Contributed talks correct as of 08/08/17

Outline timetable for the week

	Sat 5	Sun 6	Mon 7	Tue 8	Wed 9	Thu 10	Fri 11	Sat 12	Sun 13
07.30–09.00	Arrival	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
09.30–10.30		Caprace 1	Malle 1	Kessar 1	Aschbacher 4	Malle 3	Kessar 3	Jaikin-Zapirain	
10.30–11.00		Tea/coffee	Tea/coffee	Tea/coffee	Tea/coffee	Tea/coffee	Tea/coffee	Tea/coffee	
11.00–12.00		Contributed talks	Contributed talks	Contributed talks	Kessar 2	Testerman	Contributed talks	Contributed talks	
12.00–12.30		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
12.30–13.30		Registration	Burness	Contributed talks	Malle 2	Excursion Stratford upon Avon or Warwick Castle	Contributed talks	Guirardel	Helfgott
13.30–14.30	Open	Aschbacher 1		Aschbacher 3	Tea/coffee		Malle 4	Caprace 4	
14.30–15.30		Tea/coffee	Tea/coffee	Tea/coffee	Caprace 3		Tea/coffee	Tea/coffee	
15.30–16.00	Town centre walks	Contributed talks	Aschbacher 2	Caprace 2	Contributed talks (to 17.30)		Kessar 4		
16.00–17.00			Photo Wine reception	Walking tours					
17.00–18.00									
Evening	Town centre walks	Town centre walks		Walking tours		Conference dinner	Musical evening	Survivors' party	

Sunday 6th August: Academic timetable

9.30: Pierre-Emmanuel Caprace, *Locally compact groups beyond Lie theory* (Lecture 1, Poynting Building, Large Lecture Theatre)

11.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C
11.00	Ben Fairbairn, <i>Beauville groups: they're bigger than you think!</i>	Stephen Glasby, <i>How many composition factors of order p are there in a completely reducible subgroup of $GL(d, p^f)$?</i>	Andreas Bächle, <i>Rationality of groups and centres of integral group rings</i>	Rameez Raja, <i>On combinatorial aspects arising from abelian groups</i>
11.30	Imke Toborg, <i>What's new on Z_3^*?</i>	Robert Shwartz, <i>Quotients of Coxeter groups associated to signed line graphs</i>	Waldemar Holubowski, <i>Groups and Lie algebras of infinite matrices</i>	Timur Nasybullov, <i>Groups where the twisted conjugacy class of the unit element is a subgroup</i>
12.00	Justin McInroy, <i>Code algebras, axial algebras and VOAs</i>	Patrizia Longobardi, <i>Small doubling properties in orderable groups</i>	Tsunekazu Nishinaka, <i>On primitivity of group algebras of non-noetherian groups</i>	Casey Pinckney, <i>Independence complexes of finite groups</i>

13.30: Tim Burness, *Simple groups, generation and probabilistic methods* (Poynting Building, Large Lecture Theatre)

14.30: Michael Aschbacher, *Finite simple groups and fusion systems* (Lecture 1, Poynting Building, Large Lecture Theatre)

16.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C	Physics West, Room 103
16.00	Rick Thomas, <i>Cayley-automatic groups and semigroups</i>	M. R. Darafsheh, <i>On rational irreducible characters of finite groups</i>	Nicola Sambonet, <i>Another Schur-Hopf formula</i>	Bernardo Rodrigues, <i>A classification of self-dual codes admitting a rank 3 automorphism group of almost simple type</i>	Faryad Ali, <i>Generating pairs for the Fischer group $F_{i_{23}}$</i>
16.30	Marston Conder, <i>Answer to a 1962 question by Zappa on cosets of Sylow subgroups</i>	Raul Moragues Moncho, <i>Saturated fusion systems over p-groups with extraspecial subgroups of index p</i>	Sumana Hatui, <i>Schur multiplier of central product of groups</i>	Leo Creedon, <i>Units of group algebras, their subgroups and applications to coding theory</i>	Thekiso Seretlo, <i>The (p, q, r)-generations of the Mathieu group M_{22}</i>

Monday 7th August: Academic timetable

9.30: Gunter Malle, *Local-global conjectures* (Lecture 1, Poynting Building, Large Lecture Theatre)

11.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C
11.00	Michael Giudici, <i>2-arc-transitive digraphs</i>	Thomas Michael Keller, <i>Small quotients of finite groups</i>	Florian Eisele, <i>Tame blocks</i>	Rögnvaldur G. Möller, <i>Cayley-Abels graphs for totally disconnected locally compact groups</i>
11.30	Anatoly S. Kondrat'ev, <i>Stabilizers of vertices of graphs with primitive automorphism groups and a strong version of the Sims conjecture</i>	Gunnar Traustason, <i>Unipotent automorphisms of solvable groups</i>	Valentina Grazian, <i>Fusion systems containing pearls</i>	Nayab Khalid, <i>Rearrangement groups of connected spaces</i>
12.00	Daniela Amato, <i>Descendant-homogeneous digraphs with property Z</i>	G.I. Moghaddam, <i>Cancellative semigroups admitting conjugates</i>	Alessandro Paolini, <i>The block graph of a finite group</i>	Michael A. Jackson, <i>The strong symmetric genus of almost all D-type generalized symmetric groups</i>

13.30: Contributed talk: Ben Fine, *One Relator Groups: An Overview*, a talk in memory of Gilbert Baumslag (Poynting Building, Large Lecture Theatre)

14.30: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C	Physics West, Room 103
14.30	Eric M. Freden, <i>Aspects of growth in Baumslag-Solitar groups</i>	Adnan Melekoğlu, <i>Mirror automorphisms of chiral regular maps</i>	Scott Harper, <i>3/2-Generation of finite groups</i>	Alexey Galt, <i>On splitting of the normalizer of a maximal torus in groups of Lie type</i>	Ryan Davies, <i>An introduction to reduction theorems: Refining Brauer's Induction Theorem</i>
15.00	Ilir Snopce, <i>Asymptotic density of test elements in free groups and surface groups</i>	Qinhai Zhang, <i>From minimal non-abelian subgroups to finite non-abelian p-groups</i>	Cristina Acciarri, <i>Graphs encoding the generating properties of a finite group</i>	Xianhua Li, <i>A characterization of finite simple groups by the order and graph</i>	Imen Belmokhtar, <i>The structure of induced simple modules for 0-Hecke algebras</i>

16.00: Michael Aschbacher, *Finite simple groups and fusion systems* (Lecture 2, Poynting Building, Large Lecture Theatre)

Tuesday 8th August: Academic timetable

9.30: Radha Kessar, *On characters and p -blocks of finite simple groups* (Lecture 1, Poynting Building, Large Lecture Theatre)

11.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C	Physics West, Lecture Theatre
11.00	Dessislava Kochloukova, <i>Growth of homology in soluble groups</i>	Yuri Santos Rego, <i>Detecting finite presentability of parabolics in Chevalley-Demazure groups</i>	Martino Garonzi, <i>Factorizing finite primitive groups with point stabilizers</i>	Sevgi Atlihan, <i>A note on biminimal non-abelian groups</i>	
11.30	Barbara Baumeister, <i>The smallest quotients of $\text{Aut } F_n$</i>	Amin Saeidi, <i>Constructing some designs invariant under some families of finite simple groups</i>	Melissa Lee, <i>Bases, Pyber's conjecture and quasisimple groups</i>	Mercede Maj, <i>On a finiteness conditions on non-abelian subgroups</i>	Jason Semeraro, <i>The number of simple modules associated to $\text{Sol}(q)$</i>
12.00	Paula Lins, <i>Bivariate zeta functions of groups associated to unipotent group schemes</i>	John N. Bray, <i>Recognising Suzuki groups</i>	Tomasz Popiel, <i>Primitive permutation groups and generalised quadrangles</i>	Maria Tota, <i>Some finiteness conditions on centralizers or normalizers in groups</i>	Lleonard Rubio y Degraffi, <i>Hochschild cohomology and modular representation theory</i>

13.30: Gunter Malle, *Local-global conjectures* (Lecture 2, Poynting Building, Large Lecture Theatre)

14.30: Michael Aschbacher, *Finite simple groups and fusion systems* (Lecture 3, Poynting Building, Large Lecture Theatre)

16.00: Pierre-Emmanuel Caprace, *Locally compact groups beyond Lie theory* (Lecture 2, Poynting Building, Large Lecture Theatre)

Wednesday 9th August: Academic timetable

9.30: Michael Aschbacher, *Finite simple groups and fusion systems* (Lecture 4, Poynting Building, Large Lecture Theatre)

11.00: Radha Kessar, *On characters and p -blocks of finite simple groups* (Lecture 2, Poynting Building, Large Lecture Theatre)

Thursday 10th August: Academic timetable

9.30: Gunter Malle, *Local-global conjectures* (Lecture 3, Poynting Building, Large Lecture Theatre)

11.00: Donna Testerman, *Representations and subgroup structure of simple algebraic groups* (Poynting Building, Large Lecture Theatre)

13.30: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C
13.30	Henry Bradford, <i>Short laws for finite groups and residual finiteness growth</i>	Madeleine Whybrow, <i>Constructing Majorana representations</i>	Carmen Melchor, <i>New progress in products of conjugacy classes in finite groups</i>	Layla Sorkatti, <i>Nilpotent symmetric alternating algebras</i>
14.00	Alexander Bors, <i>Fibers of word maps and composition factors</i>	David Stewart, <i>A taste of pseudo-reductive groups</i>	Victor Manuel Ortiz Sotomayor, <i>Structural criteria in factorised groups via conjugacy class sizes</i>	Erzsébet Horváth, <i>Depth in finite groups</i>
14.30	Boaz Cohen, <i>A generalization of the Hall-Witt identity</i>	Kay Magaard, <i>Maximal subgroups of finite classical groups</i>	Binzhou Xia, <i>Factorisations of almost simple groups</i>	Götz Pfeiffer, <i>Bisets, double Burnside rings, and the subgroups of a direct product</i>
15.00	Antonio Tortora, <i>Groups with finite verbal conjugacy classes</i>	Maria Zvezdina, <i>On the orders of elements in almost simple groups with exceptional socle</i>	Eric Swartz, <i>Covering numbers of finite groups: a computational approach</i>	Leo Margolis, <i>Zassenhaus conjecture for small groups</i>

16.00: Pierre-Emmanuel Caprace, *Locally compact groups beyond Lie theory* (Lecture 3, Poynting Building, Large Lecture Theatre)

Friday 11th August: Academic timetable

9.30: Radha Kessar, *On characters and p -blocks of finite simple groups* (Lecture 3, Poynting Building, Large Lecture Theatre)

11.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C	Physics West, Lecture Theatre
11.00	Alejandra Garrido, <i>Primitive groups of intermediate word growth</i>	Alla Detinko, <i>Zariski density and algorithms for infinite linear groups</i>	Oihana Garaialde Ocaña, <i>Cohomology of finite p-groups and the coclass theory</i>	Jules Clement Mba, <i>Homomorphisms between restricted genus groups</i>	Andrey Mamontov, <i>On recognizing finite simple groups by element orders in the class of all groups</i>
11.30	Joanna B. Fawcett, <i>Partial linear spaces with a primitive rank 3 automorphism group of affine type</i>	Ann Kiefer, <i>Generators for discrete subgroups of 2-by-2 matrices over rational quaternion algebras</i>	Luise-Charlotte Kappe, <i>A GAP-conjecture and its solution: isomorphism classes of capable special p-groups of rank 2</i>	Motiejus Valiunas, <i>Degree of commutativity of infinite groups</i>	Alexey Staroletov, <i>On almost recognizability by spectrum of simple classical groups</i>
12.00	Stephen Humphries, <i>Difference sets disjoint from a subgroup</i>	Alexander Hulpke, <i>Calculations with matrix groups over rings and applications to arithmetic groups</i>	Luke Morgan, <i>On p-groups with automorphism groups of prescribed properties</i>	Carmine Monetta, <i>The conjugacy search problem for supersoluble groups</i>	Fuat Erdem, <i>Hamiltonian cycles in the generating graphs of the alternating and symmetric groups</i>

13.30: Vincent Guirardel, *Boundaries for $\text{Out}(F_n)$* , (Poynting Building, Large Lecture Theatre)

14.30: Gunter Malle, *Local-global conjectures* (Lecture 4, Poynting Building, Large Lecture Theatre)

16.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C
16.00	Gerald Williams, <i>Generalized Fibonacci groups $H(r, n, s)$ as knot groups</i>	Markus Pfeiffer, <i>Computing minimal and canonical images</i>	Ayoub Basheer, <i>On some generation methods of finite simple groups</i>	Raimundo Bastos, <i>Finiteness conditions for the non-abelian tensor product of the groups</i>
16.30	Colin Reid, <i>Chief series in locally compact groups</i>	Thomas Breuer, <i>On the verification of ATLAS information</i>	Natalia V Maslova, <i>On the pronormality of subgroups of odd indices in finite simple groups</i>	Noraí Rocco, <i>q-Tensor Squares of Polycyclic Groups, $q \geq 0$.</i>
17.00	Rachel Skipper, <i>The congruence subgroup problem for a family of branch groups</i>	Mun See Chang, <i>Computing normalisers in permutation groups</i>	Yegor Stepanov, <i>On some of the subgroups of $E_6(q)$ and ${}^2E_6(q)$</i>	Rugare Kwashira, <i>Non-cancellation group of a direct product</i>

Saturday 12th August: Academic timetable

9.30: Andrei Jaikin-Zapirain, *On ℓ^2 -Betti numbers and their analogues in positive characteristic* (Poynting Building, Large Lecture Theatre)

11.00: Contributed talks:

	Watson Building, Lecture Theatre A	Watson Building, Lecture Theatre B	Poynting Building, Small Lecture Theatre	Watson Building, Lecture Theatre C	Physics West, Lecture Theatre
11.00	Arturo Magidin, <i>When is the lattice of closure operators on a subgroup lattice again a subgroup lattice?</i>	Rudradip Biswas, <i>Complete resolutions and Gorenstein projectives</i>	Carlisle King, <i>Generation of finite simple groups</i>	Tushar Kanta Naik, <i>On p-groups of conjugate rank 1 and nilpotency class 3</i>	
11.30	Marian Deaconescu, <i>Commutators and actions in finite groups</i>	Athar Ahmad Warraich, <i>Realizing saturated fusion systems</i>	Adán Mordcovich, <i>On probabilistic generation of $\mathrm{PSL}_n(q)$</i>	Emerson Ferreira de Melo, <i>Coprime automorphisms acting with nilpotent centralizers</i>	Philani Rodney Majoji, <i>Extending Huppert's Conjecture from Non-Abelian Simple Groups to Quasi-Simple Groups</i>
12.00	Marcel Herzog, <i>Sums of element orders in finite groups</i>		Anton Baykalov, <i>On algebraic normalizers of maximal tori in simple groups of Lie type</i>	Gülin Ercan, <i>Groups of automorphisms with TNI-centralizers</i>	Daniela Nikolova, <i>On the covering number of small symmetric and alternating groups and some sporadic simple groups</i>

13.30: Harald Helfgott, *The diameter of the symmetric group: ideas and tools* (Poynting Building, Large Lecture Theatre)

14.30: Pierre-Emmanuel Caprace, *Locally compact groups beyond Lie theory* (Lecture 4, Poynting Building, Large Lecture Theatre)

16.00: Radha Kessar, *On characters and p -blocks of finite simple groups* (Lecture 4, Poynting Building, Large Lecture Theatre)