Welcome to day 2

By now you know all the buildings and lecture halls. Today we are using the same rooms as yesterday.

Fire Alarm: There will be a fire alarm test at 3pm today. The alarm will sound for some 10 seconds and then stop again. Please ignore.

Today's Talks

Day outline

9.30 Liebeck 1; 10.30 Coffee; 11.00 Contributed talks; 12.30 Lunch; 1.30 Contributed talks; 3.30 Tea; 4.00 Robertson; 5.00 Wine reception; 6.30 Dinner.

Contributed talks

11:00am – 12:30pm, Maths Lecture Theatre A
Chair: Jose Javier Etayo
Lucia Sanus, *Real character degrees*
Ayoub B. M. Basheer, *On Clifford-Fischer Theory*
Carolina Vallejo, *Certain monomial characters and character correspondences*
11:00am – 12:30pm, Maths Lecture Theatre B
Chair: Alexander Konovalov
Andreas Distler, *Constructing group extensions with special properties*
Dane Flannery, *Algorithms for arithmetic groups with the congruence subgroup property*
Alexander Hulpke, *Practical algorithms for matrix groups*
11:00am – 12:30pm, Maths Lecture Theatre C
Chair: Padraig Ó Catháin
Marian Deaconescu, *Finite groups acting on groups*
Patrizia Longobardi, *On Groups with Few Isomorphism Classes of Derived Subgroups*
Martino Garonzi, *Covering permutation groups*
11:00am – 12:30pm, Maths Lecture Theatre D
Chair: Gunnar Traustasson
Alejandra Garrido, *Subgroup structure of branch groups*
Rögnvaldur G. Möller, *Simplicity result for groups acting on trees*
Alexander Zakharov, *Intersecting free subgroups in virtually free groups*
1:30pm – 3:30pm, Maths Lecture Theatre A
Chair: Rex Dark
Ann Kiefer, *Generators and relations for a discrete subgroup of* $\mathrm{SL}_2(\mathbb{C}) \times \mathrm{SL}_2(\mathbb{C})$
Waldemar Holubowski, *Subgroup structure in the group of infinite triangular matrices*
Stephen Humphries, *Weak Cayley tables and generalized centralizer rings of finite groups*
Kenneth W. Johnson, *Group matrices old and new*
1:30pm – 3:30pm, Maths Lecture Theatre B
Chair: Sarah Hart

John Britnell, *Orbit coherence in permutation groups*
Padraig Ó Catháin, *A construction for the outer automorphism of* S_6
Simon M Smith, *A classification of primitive permutation groups with finite stabilizers*
Eric Swartz, *New examples of partial difference sets in finite nonabelian groups*
1:30pm – 3:30pm, Maths Lecture Theatre C
Chair: Russell Blyth
Marcel Herzog, *Some inverse problems in Baumslag–Solitar groups*
Dmytro Savchuk, *Submanifold projection for* $Out(F_n)$
Matthias Neumann-Brosig, *On the homology of hyperbolic groups*
Eric Freden, *Growth in Baumslag-Solitar groups: asymptotics*
1:30pm – 3:30pm, Maths Lecture Theatre D
Chair: Péter P. Pálfy
Michael R. Bush, *Schur sigma-groups*
Theo A. D. Zapata, *Splitting theorems for pro-p groups acting on pro-p trees and 2-generated pro-p subgroups of free pro-p products with procyclic amalgamations*
Pavel Zalesskii, *Pro-p ends*
Amaia Zugadi-Reizabal, *Hausdorff dimension in pro-p groups*

Updates to the week's schedule

The timetable for the week in your delegate pack will become increasingly fictional as the week progresses: the Daily Group Theorist and the conference website are your reliable sources of information. Since printing the weekly timetable, Peter Cameron has replaced Ben Fine on Tuesday 6th, title "Permutation groups and transformation semigroups", Daniel Lytkin will speak at 11:00 on Wednesday 7th in Maths A, Jan Krempa will speak at 11:30 on Wednesday 7th in Maths A, Natalia Makarenko will speak at 12:00 on Wednesday in Maths A, and Daria Lytkina will speak at 11:30 on Friday 9th in Maths B: see the abstract book for their titles and abstracts.

This afternoon after talks: wine reception

Today at 5pm after Edmund's historical talk we will have a wine reception. This will take place in the Foyer of the Physics building where all the coffee and tea breaks take place.

Food, glorious food!

Change of dinner time

Because of today's wine reception dinner will be served at 6:30pm.

Wifi

If you are staying in one of the residences, then you should have been provided with a university wifi login by the residence staff. Eduroam in theory should work in all of the academic buildings, but in practice the service can be a bit patchy — ask a local for the best place to stand with your laptop above your head to receive a signal. We also have a small number of spare wifi logins, for non-residents.

Book stalls

CUP, OUP and De Gruyter will all have stalls in the Physics Foyer. Sam Harrison from CUP will be to the 6th of August, Friederike Dittberner from De Gruyter will be here on the 7th and 8th, and Clare Charles from OUP on the 8th and 9th. They are all lovely people so do go along and chat to them!

Giving a contributed talk?

If you're giving a contributed talk, and want to use a computer, please ensure that you email your slides to gps2013@mcs.st-and.ac.uk. Please send us slides in **pdf format only**, with the file **labelled by your surname**. We will ensure that they are on the computer in the room where you are speaking.

Photos and Chat

To cater all of your burgeoning social media requests, your media-savvy hosts (or, more accurately, their PhD students) have set up a Facebook "event" for the conference, join us at https://www.facebook.com/events/539813526085443/. Please feel free to upload photos, start discussions, and contribute mathematical problems!

Plan ahead! Talks Tuesday 6th

Day outline

9.30 Breuillard 2; 10.30 Coffee; 11.00 Contributed talks; 12.30 Lunch; 1.30 Cameron; 2.30 Vogtmann 2; 3.30 Tea; 4.00 Reid 2; 6.00 Dinner; 8.00 Whisky tasting

Contributed talks

11.00am – 12.30pm, Maths Lecture Theatre A
Chair: Andrew Duncan
Bill Bogley, *Shift dynamics and asphericity for cyclically presented groups*
Stephan Rosebrock, *The asphericity of injective labeled oriented trees*
Gerald Williams, *Tadpole labelled oriented graph groups and cyclically presented groups*

11.00am – 12.30pm, Maths Lecture Theatre B
Chair: Alla Detinko
Paz Arroyo-Jordá, *New progress on factorized groups and subgroup permutability*

Izabela Agata Malinowska, *On the influence of subgroups on structure of finite groups*
Antonio Tortora, *Groups with all subgroups subnormal or soluble of bounded derived length*

11.00am – 12.30pm, Maths Lecture Theatre C
Chair: Marian Deaconescu
Olga Macedońska, *Four classes of verbal subgroups*
Matthew Levy, *Twisted commutator width in finite simple groups*
Maurizio Meriano, *Centralizer-like subgroups associated with words in two variables*

11.00am – 12.30pm, Maths Lecture Theatre D
Chair: Waldemar Holubowski
Gunnar Traustason, *Symplectic alternating algebras*
Péter P. Pálfy, *On the number of conjugacy classes in equa-pattern groups*
Dennis Spellman, *A metabelian group admitting integral polynomial exponents*

Conference walk(s) on Wednesday

For the excursion on Wednesday afternoon there is a choice between visiting Falkland Palace, the town itself and a coffee shop, or going for a walk.

Because of the high demand for walking, we are offering a choice of two walks on Wednesday.

The first walk will visit both West and East Lomond Hills. This is about 9km, with about 450 metres of ascent, finishing in Falkland for the bus home.

The second walk will visit East Lomond and then descend to Falkland, where we will join the Palace party at the tea shop. This walk is about 3km, with about 150 metres of ascent. If this is your preference, please let Peter Cameron or one of the organisers know in advance.

Additional Information

From Tuesday 6 August on we will only be running the conference desk in the Physics Foyer during all the breaks and before the first talk from 9:00am on. Near the desk are poster boards with full abstracts. Abstracts can also be viewed via the conference website, and there's also a board with abstracts outside Theatre B of the Maths Department.

Today is a public holiday, some shops might be closed, but Tesco's and most restaurants are open as usual.

Pub of the day!

After the glorious success of last night's pub trip we suggest a different pub to congregate in tonight, namely the West Port on South Street which is very close to the arch (I mean the 107th arch on the page http://www.saint-andrews.info/arches.html, however, it is fairly obvious on South Street and is called the "West Port" as well).