



The Daily Group Theorist

No. 0

WELCOME BACK MY FRIENDS.

Saturday 3 August 2013

Welcome back

After a mere 8 year delay, normal mathematical business will resume at 09:30 in the Physics Building on Sunday August 4th. The next edition of this organ, containing further shamelessly borrowed attempted witticisms, will be available at Alan Reid's opening lecture in Physics Lecture Theatre A on Sunday.

Where am I? Where should I be??

All plenary talks are in Lecture Theatre A of the Physics Building (Building 15 on "Maps & Facts" map). All contributed talks are in the Mathematical Institute (Building 14 on "Maps & Facts" map). To get from Maths to Physics (or vice versa), you can either walk outside or use the internal bridge.

Theatre A of the Mathematical Institute is on the ground floor: go down the steps by the bridge from Physics. Level 1 of the Mathematical Institute is not connected, so if you go down other steps you are unlikely to find Theatre A. Theatre B of the Mathematical Institute is on Level 2, the same level as the bridge from Physics. Theatres C and D are on Level 3: go up the steps by the bridge from Physics.

Badges

Please wear your badge at all times, otherwise you may forget who you are.

St Andrews people have stars on their badges to aid ease of identification of those with local knowledge.

Vegetarians and other non-standard eaters

Declare yourselves at the registration desks so that our workforce can ensure you are served the correct food at the banquet (and at other times, if you are staying in halls).

Sunday 4th

Day outline

9:30 Reid 1; 10:30 Coffee; 11:00 Contributed talks; 12:30 Lunch; 1:30 Lohrey; 2:30 Breuillard 1; 3:30 Tea; 4:00 Vogtmann 1; 6:00 Dinner; 8:00 Walking Tours

Contributed talks

11:00am – 12:30pm, Maths Lecture Theatre A
Chair: Alexander Hulpke

Natalia Makarenko, *Finite groups with a metacyclic Frobenius group of automorphisms*

Nicola Sambonet, *On the exponent of the Schur multiplier*

Dan Levy, *Sylow multiplicities in finite groups*
11:00am – 12:30pm, Maths Lecture Theatre B

Chair: Richard Parker

Leo Margolis, *Zassenhaus Conjecture for cyclic-by-abelian groups*

Andreas Bächle, *Rational conjugacy of torsion units in integral group rings of non-solvable groups*

Alexander Konovalov, *Recent advances on prime graphs of integral group rings*

11:00am – 12:30pm, Maths Lecture Theatre C

Chair: Jeff Burdges

Anthony M. Gaglione, *Turner's Theorem is not First Order*

Elena Aladova, *Logically and algebraically homogeneous groups*

Urban Jezernik, *Commuting probability and commutator relations*

11:00am – 12:30pm, Maths Lecture Theatre D

Chair: Arturo Magidin

Justin McInroy, *Sidki's Conjecture; showing finiteness of group presentations using amalgams*

Andrey Mamontov, *Groups of exponent 12 without elements of order 12*

Andrei Zavarnitsine, *On a finite 2, 3-generated group of period 12.*

Abstracts

Near Physics Lecture Theatre A will be poster boards with full abstracts for all talks this

week. Individual abstracts can also be viewed online at

at.yorku.ca/cgi-bin/abstract/cbgo-01,

or you can download the pdf of the full abstract booklet from

www.groupsstandrews.org/2013.

Sunday evening: walking tours

On Sunday evening some of our local students will be leading semi-guided walking tours around the delightful historic town of St Andrews. One tour will leave each residence at 8pm, for a walk that will take around an hour or so, and finish in a local watering-hole. If you're interested in coming along, please sign up at one of the registration desks beforehand so that we don't leave without you. We make no advance claims as to the accuracy of the

information provided by your guides; they have been encouraged to be as inventive as possible.

Food, glorious food!

Staying in one of the residences?

If you are staying in either Agnes Blackadder Hall or McIntosh Hall, then breakfast will be provided each morning in your hall from 7.30am to 9am. Lunch for all residents will be served from 12.30 to 1.30 each day, all in Agnes Blackadder Hall. With the exception of the night of the conference banquet, you'll have dinner in your own hall each evening, at 6pm most days but 6.30 on Monday 5th, because of the Wine Reception.

Staying elsewhere?

Then I'm afraid, with the exception of morning coffee, afternoon tea, and the conference banquet, you'll need to fend for yourself for meals. The default place to eat lunch (Monday to Friday) is the Medical Sciences Cafe, Building 17 on the "Maps and Facts" map. Since this cafe is shut at the weekend, lunch on Sunday 4th may be a little rushed, but the closest place to buy lunch is the Whey Pat Tavern (on Argyle St, just opposite the west end of South St) and we have warned them that hungry mathematicians may descend on them. The West Port (very close to the Whey Pat) has a wider range of options, but service can be slow when it is busy, so check before ordering.

Never mind the food, where's the coffee?!

Coffee, together with tea and a range of other inferior (= non-caffeinated) beverages, will be served each day at 10:30am and 3:30pm in the Physics Foyer. This is the large area directly outside Physics Lecture Theatre A, where the plenary talks are happening.

Computer access

Wifi

You should have received a wifi login in your delegate pack, please ask at the registration desk if you need another one. This should work throughout the university.

Actual computers you can access

We have a very small number (four, to be precise) of desktops that delegates can use. These are located in Room 1B of the Mathematical Institute. To get to this, first either go into the Mathematical Institute through the main front door, and then stand with your back to the door; or walk over the bridge from Physics, and turn right to face with your back to the front door. Now walk to the end of the corridor in front of you, and down the set of stairs. Walk through the double

doors, then 1B is directly ahead of you. Please ask at the registration desk for a password and ask a local if you require further assistance finding the room.

Book stalls

CUP, OUP and De Gruyter will all have stalls at the conference, on various different days, in the Physics Foyer. Sam Harrison from CUP will be at the conference from Sunday 4th to Tuesday 6th, Friederike Dittberner from De Gruyter will be here on Tuesday 7th and Wednesday 8th, and Clare Charles from OUP will be around on Wednesday 8th and Thursday 9th. They are all lovely people so do go along and chat to them!

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, and Daria Lytkina will speak at 11:30 on Friday 9th in Maths B: see the abstract book for their titles and abstracts.

Additional Information

The registration desks will be open in both residences from 1.30pm to 9.30pm on Saturday. After this it will be necessary to feed and water the locals, so we will shut the desks for the night. But do not be afraid! There will be a registration desk in the Foyer of the Physics Building that will be open all day Sunday (roughly 9:00 to 5:15) where you can register, ask questions, and pick up the next edition of this illustrious organ.

If you need a break from the mathematics

There are considerable options for things to do while you are in St Andrews listed on www.groupsstandrews.org/2013/whattodohere.shtml. Included are two guides to local walking routes and places of interest in Fife written by Colin and Edmund.

Pub of the day!

If you would like some liquid refreshment this evening in the company of other group theorists, we suggest heading to Drouthy Neebors pub, which is at the west end of South Street.