



Badges

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

Newcastle people and conference helpers have stars on their badges and perplexed looks on their faces to aid identification of those with local knowledge.

Today's talks

Day outline

9:30 Brion 2; 10:30 Coffee; 11:00 Contributed talks; 12:00 Lunch break; 13:30 Kassel 2; 14:30 Abert; 15:30 Tea/coffee; 16:00 Osin 2.

Contributed talks

11:00am – 12:00pm, Location – 4th Floor Herschel, Teaching Room 4 (HERB.4.TR4)

Chair: Marcel Herzog

Renu, *The Schur Multiplier of finite p -groups of maximal class*

Komma Patali, *Bounding the exponent of a group and its commutator subgroup and Schur's exponent conjecture*

11:00am – 12:00pm, Location - 4th Floor Herschel, Teaching Room 2 (HERB.4.TR2)

Chair: Carmine Monetta

Víctor Sotomayor, *Finite groups and the class-size prime graph*

M. Dolores Pérez-Ramos, *Carter and Gaschütz theories beyond soluble groups*

Abstracts

Abstracts of all talks can be obtained as a pdf file from the conference website. A small number of paper copies of the abstract booklet are available at the registration desk, for those that need them.

Today: Conference dinner

The conference dinner will take place at the *Wylam Brewery*, a short walk from the Castle Leazes accommodation. The building is called Palace of Arts, postcode NE2 4PZ. We are welcome from 6.15pm and dinner begins at 7pm. A walking contingent will leave from in front of Castle Leazes reception at 5.45pm.

Pub of the day!

Today's pub of the day is the *Wylam Brewery*, even for those who tried to avoid the conference dinner. The bar is open from arrival until 11pm.

An interview with Scott Harper

Your trusty editors interviewed 1-hour speaker and cryptic crossword sage Scott Harper.

Question 1: *You are locked in a room with only one group for company. Which one do you bring along?*

I'd want them to be simple but certainly not odd or perfect, so C_2 .

Question 2: *Are you a spy?*

You might think that – I couldn't possibly comment. [*Obviously what a spy would say – Eds.*]

Question 3: *Who is the most distinguished professor you've spilled red wine on?*

Aner Shalev holds this distinguished title, or at least he did when I answered this before last night's wine reception.

Quickfire round

Connected or disconnected? Disconnected.

Finite or infinite? Finite.

Simple or non-simple? Simple.

AJL or ART? ART. Ssh, don't tell AJL!

Blue or red? Blue.

Odd or even? Even.

Beer or cider? Cider.

Red or white? Red.

Heads or tails? Heads.

Food, glorious food!

Breakfast

If you are staying in Castle Leazes, then breakfast is provided each morning. On Monday to Friday, a traditional/continental breakfast will be provided through the servery in the main Dining Hall between 8am and 9am.

Lunch

The closest convenient lunch spot is the university canteen, "Courtyard". For a wider range of options, try out Grainger Market, 5 minutes walk away.

Dinner

For anyone not attending the conference dinner, there is the following document giving a description of a large number of places to eat and drink, which you can read here:

<https://tinyurl.com/5n7r989x>

Plan ahead! Talks on Wednesday**Day outline**

9:30 Osin 3; 10:30 Coffee; 11:00 Tiep 2; 1:00 Excursion.

Weather

Wednesday's forecast is 21° , partly cloudy, no rain expected. Good news for the excursion to Hadrian's Wall!

Horoscopes for 2nd August

Aries Perhaps you've been feeling unsure of yourself lately, Aries, but don't overthink things. It's OK to admit surrender and admit you don't know whether all groups are sofic.

Taurus Now is a good time to make a move toward the objects of your desire, Taurus. Make sure that your groups are being completely realistic in their actions. Maintain a healthy structure within which your pseudoisometries can operate.

Gemini Diversity among groups is to be embraced, Gemini. Make an asymptotic move away from your first-order rigidity, and free your mind, body and spirit.

Cancer You're thinking about your deepest connections and whether they are working for you, Cancer. But do not fear, if you draw your friendship graph you'll see the diameter is bounded.

Leo Today is a good day, Leo. Your group's modular isomorphism problems are entirely p -soluble.

Virgo You'll find that your model is more sensitive to initial conditions than usual today, Virgo. A more caring, emotional approach will help you form better connections. Clear boundary conditions need to be established in order to keep things running smoothly.

Libra Something is brewing in your near future, Libra. It might be nothing, but it could be a premium lager, maybe even p -singular.

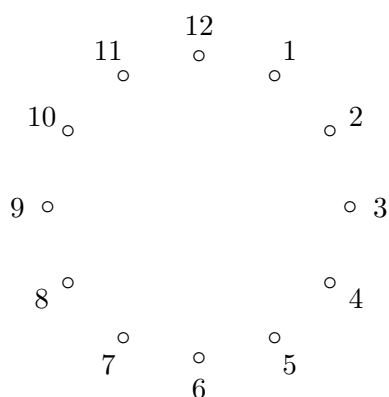
Scorpio Your character has been called into question lately, Scorpio, which is causing you stress. Tiep's bounds have you wondering if you're central or not.

Sagittarius Today it is probably a good idea to stay within your fundamental domain, Sagittarius. Your discrete subgroup may bring finite measurable rewards, but beware entering new compacts.

Capricorn Your elements are prime today, Capricorn, but think before you act. Keep it quasisimple, stop alternating, focus on the normal core, and it will all wind up trivial.

Aquarius With Saturn in retrograde, Aquarius, today is a good day to totally order your composition factors and linearise your homeomorphisms.

Pisces Today is the day your scheming will pay off and you will finally break free of the shackles of finite groups with the help of Brion.

Join the dots:**What's that extended Dynkin diagram?**

Solutions will appear in **The Daily Group Theorist** later in the week.

Registration

This continues at coffee breaks through the week.

Wifi

Wifi is available across the campus either as Eduroam or Wifi Guest. If you have an Eduroam account then use that, otherwise ask at the registration desk for help getting on the Wifi Guest network.

Taxis

Try Blue Line taxis on 0191 262 6666. They also have an app you can download.

For those with no soul, there is also Uber.

Weekend check-out

When leaving Castle Leazes on Saturday, please post keys and key-cards through the vent in the reception door.