



First combined British Mathematical Colloquium and British Applied Mathematics Colloquium

(54th British Mathematical Colloquium and incorporating the
44th British Theoretical Mechanics Colloquium)

University of Warwick, 7th–12th April 2002

Programme

Monday 8th April

Plenary speakers Joan Birman (Columbia), Peter Sarnak (Princeton)

Morning speakers Garth Dales (Leeds), Keith Ball (UCL)

Day-long special session on Braids and Low-Dimensional Topology Daan Krammer (Basel), John Crisp (Bourgogne), Patrick Dehornoy (Caen), Peter Teichner (San Diego – to be confirmed)

Day-long special session on Number Theory Detta Dickinson (York), Rob de Jeu (Durham), Jens Marklof (Bristol), Anton Deitmar (Exeter)

Evening BMC AGM and discussion on education

Tuesday 9th April

Plenary speakers Sandy Green (Oxford and Warwick), Ingrid Daubechies (Princeton)

Morning speakers Jeremy Gray (Open), Jackie Stedall (Oxford), Ulrike Tillmann (Oxford), Maxim Kazarian (Moscow)

Day-long special session on Representation Theory Andrei Zelevinsky (Northeastern), G Hiss (Aachen), RT Curtis (Birmingham), W Crawley-Boevey (Leeds)

Evening CUP/Springer reception

Splinter groups (Monday and Tuesday afternoons) see the back of this form

Wednesday 10th April

Plenary speakers Persi Diaconis (Stanford), Richard Karp (Berkeley), David Mumford (Brown)

Morning discussion sessions

Dynamical systems led by Steve Wiggins (Bristol) and Kostya Khanin (Newton/Heriot Watt)

Discrete mathematics led by Bela Bollobas (Memphis) and Mark Dyer (Leeds)

Afternoon discussion sessions

Quantum phenomena led by Gero Friesecke (Warwick) and TBA

Partial differential equations led by Simon Donaldson (Imperial College) and Chris Budd (Bath)

Evening Banquet at Chesford Grange with after-dinner entertainment from Graham Wilks (Keele)

Thursday 11th April

Plenary speakers Nick Trefethen (Oxford), Jonathan Chapman (Oxford—Stewartson prize lecture)

Minisymposia Critical properties of climate systems, organiser: Julian Hunt (UCL) Dissipative PDE, organiser: John Gibbon (Imperial College) Epidemiology, organiser: Bryan Grenfell (Cambridge) Current developments in learning and teaching in mathematics, organiser: John Blake (Birmingham)

Evening Stewartson prize reception

Friday 12th April

Plenary speakers George C. Papanicolaou (Stanford—IMA Lighthill lecture), Vladimir Zakharov (Moscow and Arizona)

Minisymposia Numerical linear algebra, organiser: Nick Higham (Manchester) Computational challenges in PDEs, organiser: Charles Elliott (Sussex) Mathematics of Control, organiser: Stuart Townley (Exeter) Solid mechanics, organiser: John Willis (Cambridge)

Contributed sessions on Applied Mathematical areas (Thursday and Friday) see the back of this form

For detailed timings see our web site (address overleaf)

The meeting is being generously supported by the LMS, the EPSRC and the IMA.

Registration

Registration fees are: £55 before 10th January 2002 with a reduced fee of £30 for students. These fees entitle you to attend the whole week. If you wish to attend for only one or two days you may pay a reduced fee of: £20 (one day) or £40 (two days). Student reduced rates are: £15 (one day) or £25 (two days).

Registration after 10th January 2002 is subject to a £10 additional fee.

Accommodation and meals

Accommodation and meals are available on campus at the following rates:

Sunday night: £31

Monday, Tuesday, Thursday and Friday: £43.50

Wednesday: £37

These rates all include breakfast, teas and coffees. The rates for Monday, Tuesday, Thursday and Friday include dinner. The rate for Wednesday includes lunch on Wednesday.

Lunches on Monday, Tuesday, Thursday and Friday are available on a pay-as-you-go basis near the conference.

Dinner is available on Sunday and Friday nights from 6.00 to 8.00pm for £12.50.

Banquet

The colloquium banquet will be held at Chesford Grange on Wednesday evening. The charge is £25 which includes transport to and from Chesford Grange, wine and after-dinner entertainment. Students pay a reduced charge of £15.

Booking

The preferred method of booking is by using the on-line form available from the Warwick Mathematics Department home page:

<http://www.maths.warwick.ac.uk/>

(follow obvious links from the B(A)MC logo).

You can also book by post (using the following form).

Payment

Please pay either by cheque made payable to "University of Warwick" or by credit card. If booking on-line there is a secure facility for credit card payment. Otherwise sign the credit card section of the form opposite.

Please mail cheques and registration forms (if applicable) to:

Peta McAllister
Mathematics Department
University of Warwick
COVENTRY CV4 7AL, UK

For further information and enquiries write to the above address or email:

peta@maths.warwick.ac.uk

B(A)MC 2002 registration form

To: Peta McAllister, Mathematics Department, University of Warwick
COVENTRY CV4 7AL, UK

Name:

Institution:

Address for correspondence:

Email address:

Daytime telephone number:

I wish to be enrolled as a member of the B(A)MC 2002.

Please tick if you are claiming student discount

Please tick accommodation and meals required:

Sunday dinner Sunday night Monday night with dinner

Tuesday night with dinner Wednesday night with lunch

Thursday night with dinner Friday night with dinner

Friday dinner only

Banquet (Wednesday evening)

Registration fee (see opposite):

Fees for accommodation and meals (see opposite):

Banquet:

Total payable:

Please give any special requirements (eg vegetarian meals):

I enclose a cheque for / I wish to pay by credit card:

(please delete whichever is not applicable)

Credit card type (Visa/Mastercard/Visa debit/Switch):

Number:

Expiry:

Please debit my account as above.

Signature:

Date:

To register to make a presentation, please use the form on the next page.

Presentations

I wish to present a talk and/or poster (please delete whichever is not applicable)

(As time is limited, we strongly encourage poster submissions, for which there are prizes—see below.)

My presentation is in the area of † (alternatively) I would like my presentation to be associated with, or form part of, one of the following (please tick):

Splinter groups (Monday and Tuesday)

Geometric Topology (Tuesday only) Group Theory (Monday only)
Combinatorics Algebraic Topology Number Theory (Tuesday only)
Ring Theory Logic Ergodic Theory
Banach Algebras Graph Theory

Minisymposia (Thursday and Friday)

Critical properties of climate systems Dissipative PDE
Numerical linear algebra Computational challenges in PDEs
Mathematics of Control Epidemiology Solid mechanics
Current developments in learning and teaching in mathematics

†We will do our best to organise further coherent splinter groups, minisymposia and contributed sessions using the information supplied here.

Title of your presentation:

Abstract (write a short abstract here, or, preferably, email one, with your name and title to peta@maths.warwick.ac.uk):

Prizes SIAM and Princeton University Press have generously funded prizes for the best student posters and presentations.