



# Mathematics in the Science of Complex Systems

B3.03, Mathematics Institute, University of Warwick  
Thursday 9<sup>th</sup> – Friday 10<sup>th</sup> June 2011



## Draft Programme

### Wednesday 8<sup>th</sup> June 2011

16:00 – 20:00 Arrive and occupy rooms  
19:30 – 20:00 Welcome drinks in Scarman House  
followed by dinner (non-residents welcome)

### Thursday 9<sup>th</sup> June 2011

08:00 – 09:00 Registration, B1.37

#### Session 1: Chair & Rapporteur – Jeffrey Johnson

09:00– 09:10 Welcome & introduction to the meeting  
09:10– 09:30 Is there completely new maths out there?  
Robert MacKay & Jeff Johnson  
09:30 – 10:00 Invited talk: Social communication & the  
digital society  
Peter Grindrod  
10:00 – 10:25 From individual to collective behaviour  
Markus Kirkilionis  
10:25 – 10:50 Title to be announced  
Claudio Tebaldi  
10:50 – 11:15 Tea & Coffee  
11:15 – 11:40 Title to be announced  
Hannah Fry  
11:40 – 12:05 Title to be announced  
Sudhir Jain  
12:05 – 12:30 Title to be announced  
Mobilier Mauro  
12:30 – 14:00 Lunch

#### Session 2: Chair & Rapporteur – Peter Grindrod

14:00 – 14:30 Title to be announced  
David Arrowsmith  
14:30 – 14:55 Messy algebras & perplexing logics  
Jeff Johnson  
14:55 – 15:30 Young Scientists & New mathematics  
Speakers to include Oates, Zhu  
15:30 – 16:15 Tea & Coffee  
16:15 – 17:15 Panel Discussion  
17:15 – 17:45 Rapporteurs' Summaries  
17:45 Drinks & snacks Maths common room  
19:30 Dinner in Xanana Bar-Restaurant

### Friday 10<sup>th</sup> June 2011

#### Session 3: Chair & Rapporteur – David Arrowsmith

09:00 – 09:30 Aggregation procedures  
Robert MacKay  
09:30 – 09:55 Title to be announced  
Maria Letizia Bertotti  
09:55 – 10:20 Title to be announced  
Pietro Speroni di Fenizio  
10:20 – 10:45 Title to be announced  
Alexandra Fonville  
10:45 – 11:00 Rapporteur's summary  
11:00 – 11:30 Tea & Coffee

#### Session 4: Chair & Rapporteur – Robert MacKay

11:30 – 12:30 European Perspectives on MITSOCS  
Borissov Roumen, E C, DG INFSO  
12:30 – 13:15 Discussion and Follow on activities  
Jeff Johnson  
Newton Institute? Deadline 31 July.  
Royal Soc Discussion Meeting?  
A MITSOCS Coordination Action?  
Young scientists' MITSOCS?  
A MITSOCS Competition?  
MITSOCS'12 – Venice, Feb 2012  
13.15 – 14.15 Lunch  
14:15 – 15:30 Informal discussions  
led by Robert MacKay  
15.30 – 16.30 Warwick Complexity Science  
social event : all welcome

# EPSRC

