

**The Institute of Mathematics and its Applications**  
**13<sup>th</sup> Early Career Mathematicians Conference**  
**Saturday 20<sup>th</sup> November 2010 – De Morgan House, London**

The next Early Career Mathematicians Conference of the Institute of Mathematics and its Applications will be held on Saturday 20<sup>th</sup> November 2010 at De Morgan House, 57-58 Russell Square, London (nearest Tube stations: Russell Square (Piccadilly Line), Holborn (Central and Piccadilly Lines)). The programme promises to be a good one!

The ECM group are excited to welcome back Sarah Eyles (licentiate member CIPD) who will be our trainer for the morning workshop, "*Facilitation- a skill for life!*" The aim is to help delegates develop against IMA competencies required for Chartered Mathematician status. Sarah previously ran the energetic and engaging "*Communication for more effective working relationships*" workshop at our May 2009 conference and we look forward to finding out what group activities Sarah has up her sleeve this time!

We are also thrilled to be able to welcome the new IMA President, Prof Mike Walker. Mike will be sharing with us his personal take on Mathematics in Mobile Telecommunications. Peter Rowlett and Samuel Hansen will round off the day by sharing their tips and tricks on mathematical podcasting

Sandwiched in between, postgraduates Rosie Robison and Aoife Hunt will share their current research work with us (engine noise and evacuation strategies, respectively). What's more, Dr David Bedford promises to bamboozle us with the Tuesday boy problem!

As always, breaks throughout the day will offer the chance to socialise with other delegates and to quiz the speakers.

Everybody is welcome to attend an ECM Conference – you don't need to be an Early Career Mathematician to come along and enjoy this exciting programme.

### **PROGRAMME**

- 10:00 Registration
- 10:30 Welcome
- 10:40 Workshop – session 1: Facilitation – a skill for life!  
(Helping delegates develop against IMA competencies that form part of the assessment for Chartered Mathematician status)  
**Sarah Eyles (Elsevier)**
- 11:25 Coffee
- 11:45 Workshop – session 2: Facilitation – a skill for life!  
(Helping delegates develop against IMA competencies that form part of the assessment for Chartered Mathematician status)  
**Sarah Eyles (Elsevier)**
- 13:00 Lunch
- 14:00 The noise of fuel efficient aircraft engines  
**Rosie Robison (University of Cambridge)**
- 14:30 Evacuating People with Reduced Mobility: the Testing and Modelling of Movement Devices  
**Aoife Hunt (University of Greenwich)**
- 15:00 The Tuesday Boy Problem  
**Dr David Bedford (Keele University)**
- 15:30 Tea
- 16:00 Some Mathematics in Mobile Telecommunications - a personal perspective  
**Prof Mike Walker CMath FIMA (Vodafone Group Services Ltd, President IMA)**
- 17:00 Mathematical Podcasting  
**Samuel Hansen (University of Nevada, Las Vegas)**  
**Peter Rowlett (University of Nottingham)**
- 17.30 Close

### **CONFERENCE FEES**

IMA Member: **£20.00**, Non-IMA Member: **£30.00**, Student: **£10.00**

To register for this conference, please visit: <http://online.ima.org.uk>

For general queries contact: [conferences@ima.org.uk](mailto:conferences@ima.org.uk)

Conference webpage: [http://www.ima.org.uk/Conferences/13\\_ecm/index.html](http://www.ima.org.uk/Conferences/13_ecm/index.html)