

**Draft Programme
Computer Science 2008**

Monday (15th December 2008)

- 8.30** Registration Opens
- 10.15 – 10.45** Tea & Coffee
- 10.45 – 11.00** Welcome from sponsors and organisers
- 11.00 – 12.15** Keynote: *You've Been Warned: Why Nobody Pays Any Attention to Computer Security Warnings (And How We Might Change That)*
Lorrie Faith Cranor (Carnegie Mellon University, USA)
- 12.15 – 12.30** *Grand Challenges Overview*
Wendy Hall (University of Southampton, UK)
- 12.30 – 14.00** Lunch
- 14.00 – 15.30** *Grand Challenge [Parallel Sessions]*
- Track A: *GC 1 In Vivo – In Silico*
Scott Grandison (University of East Anglia, UK)
GC 5 The Architecture of Brain & Mind
Steve Furber (University of Manchester, UK)
- Track B: *GC 2/4 Ubiquitous Computing: Experience Design and Science*
Tom Rodden (University of Nottingham, UK)
GC 6 Dependable Systems Evolution
John Fitzgerald (University of Newcastle, UK)
- Track C: *GC 3 Memories for Life*
Kieron O'Hara (University of Southampton, UK)
GC 9 Bringing the Past to Life for the Citizen
David Arnold (University of Brighton, UK)
- Track D: *GC 8 Learning for Life*
Jan Rae (Open University, UK)
GC 7 Journeys in Non-classical Computation
Susan Stepney (University of York, UK)
- 15.30 – 16.00** Tea & Coffee
- 16.00 – 17.00** Plenary: *A Rough Guide to Entrepreneurship*
Jack Lang (Entrepreneur, Cambridge, UK)
- Invited Session: *Teachers Round Table*
Coordinator – Roger Boyle (University of Leeds, UK)
- 18.30 – 20.45** Welcome Reception and Ice-breaker

Tuesday (16th December 2008)

- 9.00 – 10.15** Keynote: *The Power of Procrastination*
Jorge Cham (Cartoonist phdcomics.com, USA)
- 10.15 – 10.45** Tea & Coffee
- 10.45 – 11.00** Quick Pitches for Mini-tutorials
- 11.00 – 12.30** *Mini-tutorials [Parallel Sessions]*
- Track A: Mini-tutorial: *Natural Language Processing and Text Mining*
Katja Markert (University of Leeds, UK)
- Track B: Mini-tutorial: *Self-Adaptive Systems*
Jeff Magee (Imperial College, UK)
- Track C: Mini-tutorial: *Designing Technology for Human Values*
Abigail Sellen (Microsoft Research)
- Track D: Mini-tutorial: *Realistic Imagery*
Jan Kautz (UCL, UK)
- Track E: Mini-tutorial: *Web Science* [to 12.00]
Wendy Hall (University of Southampton, UK)
- Track F: Mini-tutorial: *Computer Vision*
Andrew Fitzgibbon (Microsoft Research)
- Track G: Mini-tutorial: *Design for the Future Internet*
Dirk Trossen (BT Research)
- 12.30 – 14.00** Lunch
- 14.00 – 15.30** *Workshop / Discussions [Parallel Sessions]*
- Track A: Workshop / Discussion: *Future of Science Publishing*
Timo Hannay (Nature Publishing, UK)
- Track B: Workshop / Discussion: *Research Methods*
Marian Petre (Open University UK)
- Track C: Workshop / Discussion: *Intellectual Property*
Pete Sinden (DrFoster, UK)
- Track D: Workshop / Discussion: *Changing the World*
Harold Thimbleby (Swansea University, UK)
- Track E: Workshop / Discussion: *Getting your Paper Published in Journals*
Stuart Govan (IET, UK)
- Track F: Workshop / Discussion: *Digital Divide*
Mounia Lalmas (University of Glasgow, UK)
Matt Jones (Swansea University, UK)
- Track G: Tech Briefing: *Infrastructure at Google*
Peter Dickman (Google)

15.30 – 16.00

Tea & Coffee

16.00 – 17.30

Mini-tutorials [Parallel Sessions]

Track A:

Mini-tutorial: *Interaction Design*

mc schraefel (University of Southampton, UK)

Track B:

Mini-tutorial: *Immersive Environments*

Anthony Steed (UCL, UK)

Track C:

Mini-tutorial: *Programming Language Semantics*

Andrew Pitts (University of Cambridge, UK)

Track D:

Mini-tutorial: *AI for the Web*

Nello Christianini (Bristol University, UK)

Track E:

Mini-tutorial: *Sensor Nets*

Brad Karp (UCL, UK)

Track F:

Mini-tutorial: *Computer Gaming*

Ralf Herbrich (Microsoft Research)

Track G:

Mini-tutorial: *Human-Centred and Affective Computing*

Maja Pantic (Imperial College, UK)

18.45

Coaches to depart for Gala Dinner

Conference Evening Event [specially sponsored by Microsoft Research]

Wednesday (17th December 2008)

- 9.00 – 10.15** Your Future!
- Track A: Industrial Challenge Session
Air Traffic Control
 David Bush (NATS, UK)
The Changing Face of Industrial Research
 Steve Wright (BT Research)
- Track B: Industrial Challenge Session
Finance
 Christian Nentwich (Model2.0)
Service Oriented Computing
 Peter Matthews (CA)
- Track C: Panel – Research Careers
 Chair – Wolfgang Emmerich (UCL, UK)
 Nicholas Creswell (Google)
 Lachlan MacKinnon (University of Abertay Dundee, UK)
 Mark Ratcliffe (eSkills)
 Bashar Nuseibeh (Open University, UK)
- 10.15 – 10.45** Tea & Coffee
- 10.45 – 11.00** *Pitch for Interdisciplinary Research*
 Anthony Finkelstein (UCL, UK)
- 11.00 – 12.30** *Interdisciplinary Research Strands*
- Track A: *Engineering*
 Bernard Buxton (UCL, UK)
Nanosystems
 Gabe Aeppli (UCL, UK)
- Track B: *Open Data in Science*
 Peter Murray-Rust (University of Cambridge)
Physics
 Samuel Braunstein (University of York, UK)
- Track C: *Biosciences*
 Netta Cohen (University of Leeds, UK)
Medicine
 Dipak Kalra & Paul Taylor (UCL, UK)
- Track D: *Psychology*
 Alan Johnston (UCL, UK)
Humanities
 Willard McCarty (Kings College London, UK)
- 12.30 – 14.00** Lunch
- 14.00 – 15.15** Keynote: *From bits to qubits: Computer Science in the Quantum world*
 Samson Abramsky (University of Oxford, UK)
- 15.00 – 15.30** *Conference closing*