Monday 30 September – Tuesday 1 October 2013 at the Museum of Science and Industry, Manchester.

Organised by Professor Steve Furber CBE FREng FRS, Ian Osborne, Simon McIntosh-Smith and Dr Andrew Rice

Draft timetable – last updated 25 September 2013. For latest details see the Royal Society website.

Monday 30 September 2013

13.30 Registration with tea and coffee

13.55 Session 1: Setting the scene
13.55 Organiser introduction
14.00 Simon Wardley, CSC’s Leading Edge Forum, “Situation normal everything must change”
14.30 Rt Hon David Willetts MP, Minister for Universities and Science
14.50 Discussion

15.00 Session 2: Computing at the small – energy efficiency in individual devices
Chaired by Professor Bashir Al-Hashimi FREng, Southampton University
Speakers include:
- Dr Kerstin Eder, University of Bristol, “Energy transparency from hardware to software”
- John Goodacre, ARM, “The ARM approach to energy efficiency and chip level design”

16.30 Networking break with tea and coffee

17.00 Session 3: Computing at the large – exascale computing and datacentres
Chaired by Professor Erol Gelenbe, Imperial College London
Speakers include:
- Dr Alex Ramirez, Barcelona Supercomputing Centre “Energy efficiency and next-generation supercomputers”
- Zahl Limbuwala, Chief Executive Officer, Romonet
- Kate Craig-Wood, Co-founder and MD, Memset

18.30 Evening reception in partnership with the ICT Knowledge Transfer Network
Informal networking reception for all delegates with pizza and drinks.

Tuesday 1 October 2013

08.30 Registration with tea and coffee

09.00 Session 4: Computing for green – technology to enable sustainability
Chaired by Professor Andrew Hopper CBE FREng FRS, University of Cambridge
Speakers include:
- David Standingford, Zenotech Ltd, “Industrial use of high performance computing for sustainable design”
- Dr Adrian Friday, Lancaster University, “100%: highs and lows of entertainment and IT in the home”
• Professor David Robertson, University of Edinburgh, “Sustainability, Ubiquity and Social Computation”
• Professor Martin Curley, Director of Intel Labs Europe, “Plan C for a Digital Low Carbon Future – Less is Moore”

11.00 Networking break with tea and coffee

**11.30 Session 5: Future outlooks on computing for a sustainable future**
Panel members include
• Professor Bashir Al-Hashimi FREng, Southampton University
• Professor Erol Gelenbe, Imperial College London
• Professor Andrew Hopper CBE FREng FRS, University of Cambridge

12.30 – close of meeting