

**Sponsors**

## IT Community Summit Programme Day 2

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|-------|--------------------------|---|
| 08.30 | Registration             |   |
| 09.00 | CBI Building a Community | Led by Richard Brown, The Council for Industry & Higher Education   |
| 09.30 | Session 1                | Introduction (5 mins)<br>The Changing Needs of IT (35 mins) Led by Eddie Short, Capgemini<br>Higher Education as a Marketplace (35 mins) Led by Keith Mander, Deputy Vice-Chancellor Kent University<br>Q&A (15 mins) |
| 11.00 | Break (tea/coffee)       |   |
| 11.15 | Session 2                | Breakout:<br>A&B (60 mins)<br>A – Led by Stephen Uden, Microsoft<br>B – Led by Emily Nott, Technology Strategy Board  |
| 12.15 | Lunch                    |   |
| 13.30 | Session 3                | Breakout:<br>C&D (60 mins)<br>C – Led by Stephen Darvill, Logica<br>D – Led by Peter McOwan, Queen Mary, University of London   |
| 14.30 | Session 4                | Breakout Feedback (45mins)<br>Panel Q&A (25 mins)   |
| 15.40 | Session 5                | IT Community Summit - Summing Up - Dr Mike Rodd, BCS Director, Learned Society and External Relations. (20 mins inc. Q&A)   |
| 16.00 | Tea & Close              |   |

**This is a one-day event aimed at bringing the academic and industrial together to discuss a range of issues, and promote closer relationships. The key themes are:**

### **CBI – Building a Community**

*Richard Brown*

How can we develop closer partnerships between businesses and university IT and Computing Departments? Might a B2B site be one way to achieve this and is it worth developing a pilot site? What are the issues that need to be addressed and how might the CPHC best help guide to the development of this concept?

### **The Changing Needs of IT**

*Eddie Short*

What does the UK's IT industry look like today, and what will it look like tomorrow? What are the needs today, and what will they look like in 2020?

### **Higher Education as a Marketplace**

*Keith Mander*

How market forces and funding models are changing the university landscape. Examples of innovation and best practice in research and teaching.

### **Breakout Session A**

#### **Graduate Employability**

*Stephen Uden*

It is in everyone's interest that universities are producing graduates that are well-rounded individuals, equipped for the roles they will find in industry. Inside universities there have been significant changes to what is taught and how, but there is more to be done. The split of responsibilities between education and employer training is also ill-defined. There is a great need for communication on these issues, and for partnerships to be built.

### **Breakout Session B**

#### **From Research to Innovation to Enterprise**

*Emily Nott*

The UK is second only to the USA in computing research excellence and output, providing a huge research return on public and private investment. However, that research excellence needs to translate to successful innovation in the enterprise. R&D tax credits and innovation incubators are an enabler, not the answer. The challenge is to create strong and fruitful relationships between research and enterprise in ways that benefit both.

### **Breakout Session C**

#### **Professional Structures & Education in the Workplace**

*Stephen Darvill*

Around 70% of the UK's 2020 workforce has already started work. There is a great need for education and training for those already in the workplace, and for professional structures that encourage continuous development. Universities are an asset that has yet to be used to any significant degree, despite very low cost and high quality teaching. How can supply and demand be linked together effectively?

### **Breakout Session D**

#### **Building a Better Image for IT**

*Professor Peter McOwan*

Few would argue that IT is in need of an image update. Contrary to popular perceptions, IT careers are varied and satisfying, and can lead in interesting directions. Yet those interested in furthering the image of IT may find it difficult to know where to start. There is a need to communicate the projects that are taking place, and how it is possible to get involved.

# Speaker Biographies

## Day 2 Speakers

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### Richard Brown

Richard Brown is the Chief Executive of The Council for Industry and Higher Education (CIHE) - a high level partnership between the Chairs/CEOs of some of the UK's major businesses and a range of university vice-chancellors and college principals. Its mission is to advance all kinds of learning and research through fostering mutual understanding and partnership between higher education and business. It develops a joint agenda on the high level issues that affect our global competitiveness, social cohesion and individual development and commissions research so that policy can be better based on evidence. It influences the Government and its agencies and works with them to effect change. Richard has written and edited numerous policy papers on higher education issues. Before joining the Council in 1996, Richard held senior management positions in the public and private sectors. In the Government's Department for Trade and Industry (DTI) he headed divisions dealing with the vehicle industry and then EU policy. At Meyer International he helped develop the strategy of this building products group, led the Corporate Planning process, was involved in restructuring the business, and was joint Managing Director of an acquired German subsidiary. At the National Grid Company he was General Manager with responsibilities for corporate planning and new business development. He was the Chief Executive of a predecessor of the South West Regional Development Agency (RDA) at Bristol immediately before joining the CIHE. Richard is the founding Secretary (Chief Executive) of a Somerset charity that helps preserve the heritage in the village where he lives. He is a Founder Patron and a Trustee of the Gabrieli Consort and Players - a world-class baroque music ensemble - and on the Governing Board of TrinityLaban, the conservatoire for music and dance. Richard is married to a senior Treasury official and both are noted long distance walkers and runners.

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### Eddie Short

Eddie Short is Vice President with Capgemini and leader of Business Intelligence and Information Management in globally, where he leads a dedicated community of over 3,500 professionals. He has spent nearly 20 years working with executives in blue chip public and private sector organisations to get the best value from Information Technology and the last 5 focusing on putting the I back into IT. He created Capgemini's industry leading Intelligent Enterprise perspective on how companies can bring together people, process, technology and information to deliver fundamentally better business outcomes. He holds a Masters Degree in Engineering and an MBA, and is a member of the Institute of Directors and British Computer Society.

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### Keith Mander

Keith Mander studied at the University of Nottingham, completing a BSc in Mathematics and a PhD in Computer Science in the 1970s. His first academic appointment was as a Lecturer in Computer Science at the University of Liverpool. From 1981 to 1999 he worked at the University of York, becoming the Head of the Department of Computer Science in 1992. In 1999, Keith was appointed to the University of Kent as Professor of Computer Science; from 1999 to 2002 he was also Director of the Computing Laboratory. In 2002 he was appointed first Pro Vice-Chancellor then Deputy Vice-Chancellor, with University-wide responsibilities that have included Planning & Resources, Staff Policy, Estates and Information Services. From 2005 to 2007, Keith was Chair of the Council of Professors and Heads of Computing.

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### Stephen Uden

Head of Skills & Economic Affairs Microsoft Ltd. Stephen Uden is an eleven year Microsoft veteran responsible for ensuring that Microsoft makes a contribution to the creation of economic opportunity for the UK through the use of IT. Stephen manages Microsoft's skills programmes within formal education, workforce development, IT industry and wider society. These include a network of 600 IT Academies and regional digital literacy programmes. He is also responsible for engagement on skills and economic development policy on behalf of Microsoft. Formerly a mathematician, he has a long-standing interest in the importance of building the UK's STEM capacity through skills, education, innovation and regional economic development and is a regular speaker and commentator on these subjects. He is a member of the

Foundation Degree Forward Management Board and represents Microsoft on the CBI Education and Training Advisory Committee.

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### **Stephen Darvill**

Stephen has worked since 1969 in the ICT services industry. His experience covers all aspects of marketing, sales, implementation and support for both private and public sector customers in UK and overseas. Stephen is currently Government Relations Director for Logica's UK public sector business. He is Chair of Intellect's Professionalism Workstream, Chair of the EURIM Personal Identity & Data Sharing Group, Council member of PITCOM and a member of the BCS External Relations Board and the IET IT Sector Panel. Married with three adult children, he also breeds sheep and rings bells.

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### **Peter McOwan**

Professor Peter McOwan, is a professor in Computer Science at Queen Mary, University of London. His research career has been characterised by a strong belief in the worth of interdisciplinary study. His research interests are in the developing and psychophysical testing of theoretical models of visual perception and the development and application of such biologically inspired algorithms to develop novel computer vision architectures. He is also passionate about promoting the excitement of computer science to the next generation through projects like Sodarace and cs4fn.

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### **Mike Rodd**

Professor M G Rodd studied electrical engineering at the University of Cape Town and obtained a BSc (Eng), MSc (Eng) and PhD. He first worked as a Digital Systems Engineer in South Africa and then moved into the academic world. Before becoming a Professor, Head of the Department of Electrical and Electronic Engineering and Head of the Engineering School at the University of Wales, Swansea, he had held similar positions at the University of the Witwatersrand in Johannesburg.

Professor Mike Rodd's research and teaching interests focus on the applications of real-time distributed computer systems, including:

- Fundamental issues in real-time computing systems,
- information systems for real-time process control,
- applications of on-line vision systems for information capture,
- the design of distributed computer control systems for integrated control,
- real-time communications systems for industrial applications,
- software engineering for real-time applications, and
- application of AI and knowledge-management techniques.

Publishing over 100 refereed papers and writing/editing 12 books (the most recent on the design of real-time systems) Professor Rodd was awarded a senior doctorate from the University of Wales for his work on the Design of Real-time Systems. He has successfully supervised over 30 PhD students. Always active in various national and international professional bodies, Professor Rodd is now the Director of the British Computer Society responsible for Learned Society and External Relations Activities, Special Interest Groups, BCS Forums, Publications, University Accreditation and External. He is an Honorary Professor in the University of Cardiff and the University of Wales, Swansea.