Stuart Anderson (Edinburgh)

TBD.

Dan Bailey (IBM)

Dan Bailey is IBM's lead architect for the Public Sector business. He spends most of his time with various Government organisations helping them to capture and reuse best practice as well as design solutions to meet the citizens needs. He has worked for IBM for over 13 years in various technical roles, including application, infrastructure, security & operational design. Having worked on a broad set of client problems, ranging from large scale complex programmes, such as a foreign exchange system that today moves upto 5 trillion dollars of money through it each day, through to first of a kind biometric systems.

Grady Booch (IBM)

Grady is recognised worldwide for his work on software architecture, software engineering, and modelling and has served as consultant, architect and architectural mentor for numerous complex software-intensive projects around the world. He originated the term and practice of oriented design, is one of the original developers of the Unified Modeling Language (UML), and has been Rational's Chief Scientist since its founding in 1981. He is the author of six best-selling books, including the UML Users Guide and the seminal Object-Oriented Analysis with Applications and has published several hundred technical articles on software engineering. His latest project, The Handbook of Software Architecture will include several UK case studies (see www.booch.com/architecture for more details). Grady is an ACM Fellow and a World Technology Network Fellow. He is a founding board member of the Agile Alliance and the Worldwide Institute of Software Architects. When earlier this year he delivered the 2007 BCS/IET Turing Lecture to London and Manchester full houses, 5,000 more heard him on IET.tv. Grady received his BS from the United States Air Force Academy in 1977 and an MS in electrical engineering from the University of California at Santa Barbara in 1979. He lives with his wife and cats in Colorado. His interests include reading, travelling, singing, and playing the harp.

Behzad Bordbar (Birmingham)

Behzad Bordbar is a Lecturer at the School of Computer Science, where he teaches courses in Distributed Systems and Software Engineering. Prior to joining Birmingham, he held a Lectureship position at the University of Kent, Canterbury. Bordbar's research is motivated by the challenges of the design, analysis and implementation of distributed enterprise and embedded systems. His current research interests are in Model Driven Development (MDD) and performance modelling and analysis in large distributed systems. In the area of MDD, he is focused on challenges of the implementation, testing and verification of model transformation. In the area of performance modelling and analysis, he research deal with Quality of Service and fault tolerance in Web services and IP-based Wireless systems. Bordbar is also interested in automated software engineering. His research has resulted in the development of a number of software tools among them UML2Alloy and Simple Transformer (SiTra)

Alessandra Cavarra (Oxford)

Dr. Alessandra Cavarra is a University Lecturer in Software Engineering at the University of Oxford. She obtained an MSc and PhD in Computer Science from the University of Catania (Italy). She then moved to Oxford as a research fellow working in the EU funded project AGEDIS. Currently, Alessandra teaches two post-graduate courses: Object Oriented Design and Software Testing. Her main research interests are in the field of model-based software engineering--and in particular model-based testing--formal methods, and the integration of formal and semi-formal languages. She is also a member of the Abstract State Machines (ASM) community.

Jim Davies (Oxford)

TBD.

Alan Dearle (St Andrews)

Alan Dearle is a Professor of Computer Science at St Andrews, Scotland's first University. His current research interests include programming languages, component deployment, operating systems, peer to peer systems (especially related to distributed storage), middleware and sensor networks. He previously held a Chair of Computer Science at The University of Stirling where he worked on Middleware and an exo-kernel operating system named Charm. This work followed on from the Grasshopper persistent operating system project which he co-founded with Professor John Rosenberg whilst an Associate Professor at The University of Adelaide. His PhD thesis work was conducted at The University of St Andrews under the supervision of Professor Ron Morrison. He was a co-designer and implementor of the persistent programming language Napier88 which supported strong typing, parametric polymorphism, a dynamically callable compiler and an integrated persistent run-time environment. He holds a PhD and BSc (Hons) both from the University of St Andrews.

Peter Eeles (IBM)

Peter is an Enterprise IT Architect working within the IBM Software Group Rational brand. In this capacity he assists organizations in their adoption of the Rational Unified Process and the IBM development toolset in architecture-centric initiatives. Peter has been in the software industry since 1985 and has spent much of his career architecting, project managing and implementing large-scale, distributed systems. Prior to joining Rational, Peter was a founding member of Integrated Objects, where he was responsible for the development of a distributed object infrastructure. This technology was used by System Software Associates (an ERP solutions provider) and by Mobile Systems International (a telecoms solutions provider) where Peter also held positions. Peter is coauthor of "Building J2EE Applications with the Rational Unified Process" (Addison-Wesley, 2002), coauthor of "Building Business Objects" (John Wiley & Sons, 1998) and a contributing author to "Software Architectures" (Springer-Verlag, 1999). Peter is a BCS Certified IT Professional, a Member of the British Computer Society, a Fellow of the Institute of Engineering and Technology and an Open Group Certified Master IT Architect.

Wolfgang Emmerich (UCL)

Wolfgang Emmerich is Professor of Distributed Computing at University College London. He heads the Software Systems Engineering Research Group in the Department of Computer Science, where he is currently also Director of Research. Wolfgang is a member of London Software Systems. Prior to joining UCL, he held a Lectureship at The City University in London and was a visiting research fellow in the Software Verification Research Centre at the University of Queensland in Brisbane, Australia. Wolfgang holds a PhD in Computer Science from the University of Paderborn and an MSc in Informatics from University of Dortmund in Germany. His research interests are in the area of software architectures for large-scale distributed and mobile systems. Wolfgang is a member of the Editorial Board of the IEEE Transactions on Software Engineering. Wolfgang has served on numerous program committees of international conferences in software engineering and distributed systems. He has served as Program Co-Chair of the Int. Conference of Software Engineering to be held in Minneapolis in 2007. Wolfgang is a Chartered Engineer, a Member of the IEEE Computer Society, the Association of Computing Machinery and the Institution of Engineering and Technology. He is also a co-founder and Partner of the Zühlke Technology Group, a medium-sized pan-European service provider of software and systems engineering services.

Chris Exton (Limerick)

TBD.

Anthony Finkelstein (UCL)

TBD.

Tracy Gardner (IBM)

Dr Tracy Gardner is a Software Architect and Senior Technical Staff Member at IBM. She has worked as a software architect in the Telecoms domain at Marconi Communications, for products in the WebSphere Brand at IBM and in a variety of industries on customer projects as a solution architect in IBM Software Group Services. Tracy is an expert in UML, Model-Driven Development (MDD) and Service-Oriented Architecture. She was a subject matter expert for the UML 2.0 Professional Certification exam and co-authored an IBM Redbook on Model-Driven Development. Tracy has a PhD in Software Engineering from the University of Bath which was a winner of the BCS Distinguished Dissertations Award. She has maintained her academic interests through university collaborations, publications and participation in European Commission funded projects.

Phil Gray (Glasgow)

Phil Gray is a senior lecturer in the Computing Science Department at the University of Glasgow. He has been actively engaged since 1984 in research into models, notations, software technology and tools for user interface development. Recently, he has focused on the description and engineering of interaction techniques for mobile and ubiquitous systems. In this context he is currently PI at Glasgow for the MATCH project (http://www.match-project.org.uk), with responsibility for adaptive interaction techniques for home care systems. He is also Glasgow PI and overall Technical Manager for the OpenInterface Project (EU FP6, 2006–2009, http://www.openinterface.org/) that is developing tool support for the prototyping and evaluation of multimodal user interfaces. Phil teaches Professional Software Development (aka Software Engineering) courses at Glasgow for 3rd year undergraduates and for students in the MSc Information Technology and MSc Computing Science programmes. Previously, Phil is a member of IFIP Technical Committee 13 (Human Computer Interaction) and vice-chair of IFIP Working Group 2.7/13.4 (User Interface Engineering). He has been conference chair for HCI'94, for the annual UK HCI conference, and for IHM-HCI 2001 (the first joint Anglo-French conference in HCI). Although he's interested in software architecture he would not claim to be an expert – just an enthusiastic amateur (in both senses of the term).

Peter Henderson (Southampton)

Peter Henderson is Professor of Computer Science in the School of Electronics and Computer Science at the University of Southampton. He is Head of Group for the Dependable Systems and Software Engineering Research Group. He is Chairman of the Project Board and Coordinating Partner for the Open Middleware Infrastructure Institute for Europe (OMII-Europe). His research interests are Distributed Computing, Software Engineering, Open Systems and Business Processes. He consults for a number of companies on Modular Open Systems Architecture. For further information see http://users.ecs.soton.ac.uk/ph/.

Richard Hopkins (IBM)

Richard is an Executive IT Architect with a track record of successfully introducing new technologies to the public. With over ten years experience as chief architect for major programmes, he has designed and delivered multiple large, complex systems for both the public and financial sectors. These have included a National Identity Card System for 13 million people, a Customer Relationship Management Systems for 65,000 concurrent users and a Credit Card Account Management system for 4.5 million customers. Richard has a superb history of innovating and problem solving especially around large scale systems delivery and architecture. IBM Press recently commissioned him to write a book based on his experiences examining how complex client environments can be incrementally re-engineered. The book describes a new (patented) approach which incorporates automated discovery, semantic software engineering and virtual world visualisations called 'Brownfield Re-engineering'.

Martin Jowett (IBM)

Martin is an Executive IT Architect within IBM Global Services and a member of the IBM Academy of Technology (http:w3.ibm.com/academy). Since joining IBM 21 years ago he has held a number of key technical roles within the marketing and services organisations, and has acquired a wealth of design experience across a wide range of computing paradigms and technologies. He specializes in the areas of Performance Engineering and System Design. His current role is as Chief Performance Architect within GBS Application Services in UKISA. He founded the Performance Interchange Group or PIG, a special interest group set up to facilitate the sharing of knowledge and best practice within the IBM performance community, and is co-lead of the world-wide Performance & Capacity Community of Practice.

Sara Kalvala (Warwick)

Sara Kalvala is an Associate Professor of Computer Science at the University of Warwick. She studied Computer Science at Masters level at the University of Hyderabad, India, and at Doctoral level at the University of California, Davis. A postdoctoral position at Cambridge brought her to the UK, and she has been at Warwick for 12 years. Her research interests are in Theorem Proving, Software Verification, and Computational Biology.

Pieter Lindeque (IBM)

Pieter is an IBM Distinguished Engineer and certified Executive IT Architect. He has over two decades of experience in architecting and delivery of large, complex system integration programmes. He is responsible for the systematic re-use initiative in IBM UK, Ireland and South Africa and is a founding member and operational lead of the Global IBM Asset Architecture Board, established in April '05. He led the research into Service Oriented Technologies for asset reuse and mass customisation on behalf of the IBM Corporate Technology Team (TT) in 2004 and '05. Pieter is an active member of the IBM Academy of Technology. He was the co-leader, with IBM Fellow George Galambos, of the Academy of Technology study into the use of high availability design techniques. He was co-chair for the High Availability Best Practices V conference held October 4-6, 2006 at the IBM Hursley Laboratory, Hursley, United Kingdom. He regularly presents at venues such as the IBM TLE (Technical Leadership Exchange), Academy conferences and IT Architect Institutes. He is a Fellow of the Royal Academy of Engineering, Chartered Engineer, BCS Certified IT Professional, a Fellow of the British Computer Society, Fellow of the Institution of Engineering and Technology and a TOGAF certified Master IT Architect.

John McDermid (York)

In 1987 John McDermid was appointed to a chair in Software Engineering at the University of York where he built up a new research group in high integrity systems engineering (HISE). HISE is now the world's largest academic group studying systems, software and safety engineering. HISE works closely with the UK aerospace industry, especially BAE Systems and Rolls-Royce, for example influencing the design and assessment of EuroFighter and several civil aircraft engines. In 2004 he started a research programme for Airbus, in collaboration with research groups in France and Germany. He has also been involved in a wide range of projects in other sectors, for example working with DaimlerChrysler, National Air Traffic Services and Siemens (in Railway Signaling). His work led to the award of the 1996 Queen's Anniversary Prize for Higher and Further Education to the University. Professor McDermid helped to establish an MSc in System Safety Engineering at York in 1994; this MSc attracts students internationally, as well as serving UK industry. He was also instrumental in establishing an MSc in Gas Turbine Control for Rolls-Royce and Goodrich in 2005, and teaches key elements of the course. He lectures extensively on safety to industry. He has taught over 100 courses to companies in Europe the USA and Australia over the last ten years.

Ian Nussey (IBM)

Ian Nussey was educated at Bromsgrove School, Cambridge and Birmingham. Following four years with Lucas Industries and a brief period of research at Aachen Technische Hochschule, he joined IBM United Kingdom as a trainee systems engineer specialising in manufacturing applications. He created and for more than thirty years led IBM's elite student programme, founded and for seventeen years managed a group turning good ideas into marketable software, latterly concurrently chairing the IBM UK-and-Ireland Technical Consultancy Group for seven years. He became EMEA vice-president of the IBM Academy of Technology and currently works part-time on IBM University Relations. He was formerly industrial professor at Loughborough and honorary professor at Newcastle and Salford. Numerous current professional, trustee and academic positions include honorary professor at Cardiff and chairman of Warwick's Faculty of Science Advisory Board. He was elected a Fellow of the Royal Academy of Engineering in 1985. Honours include an OBE for services to engineering, the University of Warwick's Chancellor's Medal and honorary fellowships from Cardiff University and the Institution of Engineering and Technology.

Tom Oinn (EBI)

Tom Oinn is the lead architect for the myGrid project, one of the original pilot projects of the UK eScience programme. For the last eight years he has been working at the European Bioinformatics Institute and is currently engaged in a redesign of the popular Taverna scientific workflow workbench. The redesign is focused on greater interoperability with high end computational systems in terms of supercomputing scale data and computational tasks as well as security management through transient lightweight virtual organizations. A critical aspect of this project is the creation of a component based architecture capable of adapting to as yet unforseen user requirements and coping with potentially rapid change both in the systems to which it interfaces and in its own internal structure. Taverna can be found in its current form at http://taverna.sf.net, the parent project myGrid at http://www.mygrid.org.uk

Aaron Quigley (UCD)

Dr. Quigley has developed a broad range of experience with academic activities, inter-disciplinary and industrial research over the past 10 years in positions in industry and academia and has published over 60 peer reviewed publications including edited proceedings, book chapters and research papers in leading journals, conferences and workshops. Since 2005 Dr. Quigley has been an academic member of the School of Computer Science & Informatics UCD and is a member of Lero@UCD the Irish Software Engineering Research Center funded by the SFI's CSET program. He is a member of the Systems Research Group, the Complex & Adaptive Systems Laboratory (CASL) and the Imaging, Visualisation and Graphics Laboratory UCD. His research interests include software engineering, information visualisation, human computer interaction, work flow modeling, pervasive computing, P2P and ad-hoc networking. His research leadership experiences include the supervision of research assistants, postdoctoral fellows and postgraduate students, the management of large projects (including financial management, team leadership, IP management and commercialization) along with the establishment of new inter-disciplinary and inter-agency research activities.

Steve Rooks (IBM)

Steve has a long history of systems development whilst working with ObjectTime, AT & T and IBM Rational. He currently represents IBM in the AUTOSAR consortium (http://www.autosar.org) – a domain-specific EU initiative for the automotive industry.

Ian Sommerville (St Andrews)

Ian Sommerville is Professor of Computer Science at St Andrews University, Scotland and was previously Professor of Computer Science at Lancaster University. He is the author of a widely used text on software engineering, first published in 1982 and now in its 8th edition. His research interests are in dependable systems engineering with a particular focus on human, organisational and social factors and how these influence and are influenced by the dependability and design of software systems.

Martyn Thomas (Oxford/Bristol)

TBD.

Helen Treharne (Surrey)

Helen Treharne is a Senior Lecturer in Computing at the University of Surrey. Her main research interest is in the theory an application of a combination of the B-Method and CSP, CSP||B. She is currently working with industry to develop a methodology for using CSP||B alongside xUML. She is also involved in Binary Text Watermarking and developing associated software which is robust to print and scan.

Edward Turner (Surrey)

Edward Turner is a Research Fellow at the University of Surrey. He is currently involved in a project that is developing a methodology for using a combination of the B-Method and CSP, called CSP||B, together with xUML. He has recently finished his PhD on State Space Reductions in Model Checking for B systems at the Department of Electronics and Computer Science, University of Southampton.

Nick Whidborne (IBM)

Nick has worked for IBM Global Business Services for eight years and performs the role of a Senior IT Architect, focussing mainly on the design and delivery of IT solutions for IBM's customers. He has developed IT architectures for customers in predominantly the Telecommunication, Finance and Public sectors, and has taken a lead role in their delivery through custom development and package integration. Currently he is helping the UK's Ministry of Defence build a Service Orientated Architecture, and is working with a number of industry suppliers to establish the standards and design patterns that will underpin future SOA projects within the MOD. With keen interest in application architecture and modelling, born out of his application development experience, he has devoted much of his time recently to the development of a unified application development framework that integrates Rational's Unified Process with IBM's internal method for custom application development. Nick is an active member of IBM's teaching community and has taught the functional aspects of architecture in Europe and in the US.

Liz Williams (IBM)

TBD.

Chris Winter (IBM)

Chris is an IBM Fellow employed by IBM Global Business Services. He reports to the Regional General Manager of the IBM UK, Ireland and South Africa (UKISA) organisation. He is a recognised technical leader within IBM across all its divisions and in all of the geographies in which it operates. This has been achieved by a successful track record of delivery of customer projects combined with his personal contribution to the health of the technical community. An IBM Fellow within IBM is a technical executive appointment. He is one of only three IBM Fellows within the UKISA organisation, and is responsible for the technical health of this business and of its technical community of some 4,000 technical professionals. Chris has a successful career of over thirty-eight years in Application Development and Systems Integration. He has experience in many different industries including Manufacturing, Utilities, Banking, Retail and Insurance. The projects he has had ultimate technical responsibility for range in size up to projects in the thousands of man-years. Many of the projects that he has led have incorporated leading edge technologies. This experience is currently used to shape and assure the technical health of a number of the largest and most complex Systems Integration projects within the UKISA region. His most publicised project in the recent past is the Norwich Union Pay as you Drive (PAYD) pilot.

Liping Zhao (Manchester)

Dr Liping Zhao is a Senior Lecturer in the School of Computer Science, The University of Manchester. She has researched, written and lectured extensively in the areas of software patterns since the 1990s. Liping is a joint leader of a UK Academic Network on Service, Science, Management and Engineering (SSME) (http://www.ssmenetuk.org/foundmem.asp) and has received two prestigious IBM Faculty Awards (2004 and 2005) and is a nominee for the 2007 award. She was one of only six academics at the University of Manchester to become an IBM partner under a new strategic partnership with IBM in 2006.