

About the Contributors

Nik Bessis is currently a senior lecturer and head of postgraduate taught courses, in the Department of Computing and Information Systems at University of Bedfordshire (UK). He obtained a BA from the TEI of Athens in 1991 and completed his PhD (2002) and MA (1995) at De Montfort University, Leicester, UK. His research interest is the development of distributed information systems for virtual organizations with a particular focus in next generation Grid technology; data integration and data push for the creative and other sectors.

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Giuseppe Andronico received his degree on theoretical physics with his thesis on the methods in Lattice QCD on July 1991. Since 2000, he is working in Grid computing collaborating with EDG, EGEE and other projects. In 2006 and 2007 was technical manager in the project EUChinaGRID where started his work with interoperability between GOS and EGEE.

Vassiliki Andronikou received her MSc from the Electrical and Computer Engineering Department of the National Technical University of Athens (NTUA) in 2004. She has worked in the bank and telecommunications sector, while currently she is a research associate in the Telecommunications Laboratory of the NTUA, with her interests focusing on the security and privacy aspects of biometrics and data management in Grid.

Nick Antonopoulos is currently a senior lecturer (US associate professor) at the Department of Computing, University of Surrey, UK. He holds a BSc in physics (1st class) from the University of Athens in 1993, an MSc in information technology from Aston University in 1994 and a PhD in computer science from the University of Surrey in 2000. He has over 9 years of academic experience during which he has designed and has been managing advanced Master's programmes in computer science at the University of Surrey. He has published over 60 research articles in distributed systems, peer-to-peer networks and software agents.

Chimay J. Anumba is a professor and department head of Architectural Engineering at The Pennsylvania State University, USA. His research interests include advanced engineering informatics, concurrent engineering, intelligent systems, and project management. He has over 400 publications in these fields and has received over £15m in research funding from a variety of sources. Professor Anumba is co-editor of the *International Journal of Information Technology in Construction*, ITCon. He has

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recently held/holds visiting professorships at numerous prestigious universities including Stanford University and MIT (USA). He has also received several awards for his work, including a Doctor of Science (DSc) from Loughborough University (UK) and an honorary Doctorate from Delft University of Technology in the Netherlands.

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Roberto Barbera is a professor at the University of Catania. His research fields are nuclear and particle physics and he is involved in the ALICE Experiment at CERN. Since 1999 he is interested in Grid computing. He is currently an executive member of INFN Grid with coordination responsibilities in many EU funded projects worldwide.

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Marina Burakova-Lorgnier holds a PhD in social psychology from Rostov-on-Don State University, Russia. She is a lecturer at the École de Commerce Européenne, INSEEC group, France. Her research interests cover such areas as gender identity, social network, social capital, leadership and knowledge management. Currently she seeks to bring together the issues of trust and control in organizational knowledge sharing in a cross-disciplinary perspective. Dr. Burakova-Lorgnier has served as a conference, textbook and journal reviewer and an expert for the Russian local government councils and NGO's and the Embassy of France in Russia.

Yun-Heh Chen-Burger is a senior researcher in informatics, University of Edinburgh. Her research areas are knowledge management and intelligent systems. Dr Chen-Burger specializes in semantics and knowledge based techniques; and automated support for enterprise and process modeling methods. Her book “Automated Business Modelling” was published in “Advanced Information and Knowledge Processing” series, by Springer in 2005.

Gordon Clapworthy is a professor of computer graphics at the University of Bedfordshire (UK). He has a BSc (Class 1) in mathematics and a PhD in aeronautical engineering from the University of London, and an MSc (dist.) in computer science from City University (London). He has been involved in 18 European projects, coordinating 7 of them.

Rogério Luís de Carvalho Costa is a PhD student at the University of Coimbra – Portugal and aggregate professor at the Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio) – Brazil, where he teaches undergraduate curricula. His research interests include data warehousing, parallel and distributed database systems, database self-tuning and bioinformatics.

James Dooley received his BSc in robotics and intelligent machines from the University of Essex (UK). Since then he has been studying for his PhD in computer science from the same university with funding from the British Telecom. Currently he is completing his PhD part-time, whilst working separately on European projects with City University (UK).

Marco Fargetta graduated in computer engineering in 2002. In 2006, he received his PhD from Catania University, in Italy, with a thesis on advanced Grid scheduling. Since then, he has been involved in several Grid projects. Currently he works with the Consortium COMETA and his activity focuses on the support of HPC applications on Grid computing.

Geoffrey C Fox is a chair of the Indiana University Department of Informatics and director of the Community Grids Laboratory. He holds a PhD in physics (high energy) from Cambridge University (1968). His research interests include parallel computing models on multicore systems, Web service architectures, distributed messaging systems, and cloud computing.

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Genoveffa Giambona is a research manager at the Research Institute for the Built Environment, University of Reading. Jeni’s research interests are in the area of leadership development, management learning, virtual teams and trust. She also researches meta-evaluation and the study of how learning mechanisms work in different contexts and cultures. She has published and presented at different conferences on these topics and on the subject of meta-evaluation of e-learning programmes.

Emidio Giorgio received his MSc computer science degree, cum laude, in 2003; he begun its collaboration with INFN on computational grids in 2004, joining the EGEE project in NA3 area, related

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to users training. In the context of the ICEAGE project, he has been the manager for WP4, concerning the operations for its multi-middleware Infrastructure.

Dimitrios Halkos is a research associate in the Telecommunication Laboratory of the National Technical University of Athens (NTUA), Greece. He graduated from the Department of Electrical and Computer Engineering of NTUA (2001) and obtained his PhD (2008) in the area of maritime operational research focusing on cargo ships routing and scheduling.

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Maozhen Li is a lecturer in the School of Engineering and Design at Brunel University, UK. His research interests include grid computing, intelligent systems, service-oriented computing, and semantic web. He has over 50 scientific publications in these areas. He is on the editorial boards of *Encyclopedia of Grid Computing Technologies (IGI) and Applications*, and the *International Journal of Grid and High Performance Computing (IGI)*.

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Iain Phillips is head of computer science at Loughborough University. With a PhD and BSc from Manchester University Computer Science, he has worked Loughborough University Electronic and Electrical Engineering from 1992 and Computer Science from 1999. His research interests are in networking, specifically Internet performance, ad-hoc and wireless sensor networks.

Marlon E. Pierce is an assistant director of the Community Grids Laboratory at Indiana University. He has a PhD in physics (condensed matter) from Florida State University (1998). His research interests include computing environments and Web portals for computational Grids, Web service architectures, and the application of Web technologies to problems in scientific computing.

Antonio Puliafito is a full professor of computer engineering at the University of Messina, Italy. His interests include parallel and distributed systems, networking, wireless and GRID computing. He is currently the director of the RFIDLab, a research lab on RFID and wireless, the director of the Centre on Information Technologies Development and their Applications (CIA), the vice-president of the Consorzio Cometa whose aim is to enhance and exploit high performance computing. He is actively working in grid computing and virtualization in the projects TriGrid VL, PI2S2 and RESERVOIR.

Alain Roy is currently an associate researcher with the Condor Project at the University of Wisconsin-Madison in the US. He received his PhD in computer science from the University of Chicago in 2001, where he did research about advanced reservations for quality of service across heterogeneous resources. Today, Alain is the Open Science Grid Software Coordinator, where he guides the creation, deployment, and support of the VDT, a grid software distribution used by OSG, EGEE, and other grids.

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Richard O. Sinnott is a professor at the Glasgow University. He was awarded a BSc (Honours) in theoretical physics from the University of East Anglia, Norwich, England in 1988; an MSc in software engineering from the University of Stirling, Scotland in 1983 and a PhD also at Stirling in 1997 in the area of formal modeling of distributed systems. He has worked across a wide range of computing science research areas both in academia and in industry. He has over 100 publications across a range of computing science and application oriented fields, most recently in the area of Grid security and usability especially in the life sciences. He has edited several ITU-T/ISO international standards.

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Simon J. E. Taylor is the founder and chair of the COTS Simulation Package Interoperability Product Development Group (CSPI-PDG). He has served as the chair of ACM's Special Interest Group on Simulation (SIGSIM) 2005 to 2008. He is a reader in the School of Information Systems, Computing and Mathematics at Brunel University, UK.

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