Workshop on Grid, Clouds & Service Infrastructures

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Sophia Antipolis

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Mike Fisher British Telecom, ETSI TC GRID Chair

Mike Fisher leads the Distributed Computing Research group in BT's Centre for Information and Security Systems Research. Since 1997 he has been involved in distributed systems research, with particular interests in service architectures, active networks and policy-based management of Internet-scale systems. Mike has been involved in a number of collaborative research projects.

The current focus of his group is on flexible management of applications on future ICT infrastructure, which combines work on SLA-driven management, Grid computing and cloud. Mike is Chairman of ETSI TC GRID, standards committee focusing on the convergence of computing and telecommunications.

Karsten Oberle, Alcatel-Lucent, Bells Labs, ETSI TC GRID VICE-CHAIR

Karsten Oberle, born 1971 in Bensheim/Bergstrasse, Germany, received the Dipl.-Ing. (FH) degree in communications engineering from the University of Applied Sciences "Fachochschule für Technik" Mannheim, Germany, in 1998.
In the same year he joined the Alcatel Research Center in Stuttgart where he was involved in the design of system concepts and network architecture for next generation fixed wireless access networks (LMDS) including the design of HF-module prototypes.

In 2003 he joined the group working on IP-centric access, particularly the border functions interfacing to various wire-based and wire-less access technologies where he was involved in multiple research project activities and related external national and European collaborations (e.g. FP6 IST MUSE Phase I, Medea+ PlaNets, BMBF Spidergate).

Since 2005 his focus is on NGN infrastructure and services, especially on innovative concepts for converged IP-based (IMS/TISPAN) networks and service oriented network infrastructure approaches. Related European and national projects are, among others, FP6 IST MUSE Phase II where he had the technical leadership for the ALU Germany part and BMBF MAMS as well as external lobbying initiatives.

Currently he is coordinating the technical work of Bell Labs as well as holding the position of a Work Package leader on Intelligent Networking (Service Oriented Infrastructure) inside the European funded FP7 Project IRMOS. Accompanying he was an active member for two years (2006 & 2007) of ETSI/TISPAN standardization, with the focus on Fixed-Mobile Convergence (FMC) and IP-TV. Since end of 2007 he is an active member of ETSI/GRID standardization with more than 20 contributions in the last year. Since June 2008 he holds the position of the Vice-Chairman of ETSI/GRID.

Since December 2005 he has authored and co-authored 19 papers for conferences and journals, e.g., IEC Magazine, Interworking 2006 Santiago de Chile, IST Mobile Summit 2006/2007/2008, Broadband Europe 2006/2007, ICIN 2009, ISC2009 and Bell Labs Technical Journal. Furthermore he has filed more than 20 patents.

John Barr, the 451 Group

John covers IT early adoption and innovation in the financial markets at The 451 Group. He is also responsible for the company's research activities within the European Commission Framework Program.

John has over 25 years of experience in the IT industry, initially writing compilers and development tools for high-performance computing platforms. The bulk of his career has been spent in a variety of technical roles at systems vendors (Meiko, Convex, SGI, Sun and Intel) supporting their technical computing and HPC customers. John's core technical skill is application performance analysis, optimization and parallelization.

John is active in many industry organizations. He was coauthor of the DTI-sponsored 'Unlocking the Grid' report; he sits on the Advisory Board of the Grid Computing Now! Knowledge Transfer Network and has a BSc in Computer Science from St. Andrews University.

Juan A. Caceres, Technical University of Madrid

M.Sc. Computer Science at the Technical University of Madrid (UPM). Juan's areas of interest are Architecture of Distributed Systems and Design & Development of complex software (networking, multithreading, high-performance computing, …).

Juan is Middleware Technologies Specialist at Telefónica I+D (Telefónica Research & Development) where he leads several R&D projects of the Cloud Computing and Distributed Systems group at the Centre for Excellence of Software Technologies. (more on event website)

Denis Caromel, INRIA Univ Nice Sophia Antipolis, CNRS/I3S

Denis Caromel is full professor at University of Nice-Sophia Antipolis and CNRS-INRIA. He is also member of the Institut Universitaire de France (IUF), a multi-disciplinary national academia that select a few professors based on the excellence of their research records. His research interests include parallel, concurrent, and distributed object-oriented programming. He has published more than 70 scientific papers in referred international journals and conferences, and edited 5 volumes of Lecture Notes. In 2005 he published a monograph, A Theory of Distributed Objects, together with Ludovic Henrio.

Denis serve(s/d) many academic venues at various positions (Conference Chair, Program Committee Chair, Organizer Chair, Tutorials Chair), and gave many invited talks on Object, Parallel and Distributed Computing around the world (Jet Propulsion Laboratory, Berkeley, Stanford, ISI, USC, Electrotechnical Laboratory Tsukuba, Sydney, Oracle-BEA EMEA, Digital System Research Center in Palo Alto, NASA Langley, IBM Tom Watson and Zurich, Harvard Medical School and MIT). He acted as keynote speaker at several major conferences (including MDM'08, DAPSYS 2008, CGW'08, CCGrid 2009). Recently, he gave two important invited talks at Sun Microsystems HPC Consortium (Austin, Tx), and at Devoxx 2008 (the European premier forum for Java technology, gathering about 3500 people).

Geoff Caryer, Telecommunications Management Consultants Ltd

Geoff Caryer is the managing consultant with Telecommunications Management Consultants Ltd, an organisation providing consultancy services to the telecom industry in the areas of grid/cloud computing and telecommunications management. For the last 20 years he has been closely involved with the standardisation of telecommunications, working in ETSI, 3GPP and the ITU-T.

Since October 2007, Geoff has been the team leader of ETSI Specialist Task Force (STF) 331 which is addressing, Information Technology and Telecommunications convergence and, in particular, the lack of interoperable GRID solutions built by IT in conjunction with the Telecom industry. The task force has placed its emphasis on the need for global standards, and their associated validation tools, in an IT-Telecom converged world.

Stevie Clifton, CTO, Animoto.com

Stevie is co-founder and CTO of Animoto Productions, a web service for automatically producing unique music videos from a user's images and music. He designed and implemented Animoto's systems architecture on top of Amazon's Web Services infrastructure and has launched over over 75,000 instances on EC2 in the last two years. Stevie is the primary inventor of Animoto's patent filing of "Automatically Generating Audiovisual Works."
Stevie is a software engineer, systems architect and motion graphics artist. Prior to Animoto, he was the lead animator for Peter Jennings Productions for four years, working on Peabody and Edward R. Murrow award winning documentaries such as PBS's African American Lives, Peter Jennings Production's The Kennedy Assassination: Beyond Conspiracy, and Steep, the extreme skiing documentary that premiered as a spotlight film at the Tribeca Film Festival in Spring of 2007.
Stevie received his bachelor's degree in both Computer Science and Japanese from Dartmouth College.

Stefano De Panfilis, NEXOF-RA Project

Stefano De Panfilis is the Director of the Research & Development Laboratories Department at Engineering Ingegneria Informatica S.p.A. the leader company of Gruppo Engineering, leading a team of about 100 researchers in Italy and Europe.
He graduated cum laude in Mathematics from the University of Rome "La Sapienza".

Andreas Doerr, Sun Microsystems

Andreas Doerr is an Engineering Manager with the Sun Grid Engine product group at Sun Microsystems. He is working in the field of Grid and Cloud Computing for more than six years now. Before joining the Grid Engine Group, he worked many years in several different industries such as Financial Services, Digital TV broadcasting and Bioinformatics."

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World Class Standards

Peter Domschitz, Alcatel Lucent Bell Labs

Peter Domschitz received the Dipl.-Ing. degree in electrical engineering / computer science from the University of Stuttgart in 1991. Since the merger of Alcatel and Lucent 2007/08 he is heading the Bell Labs Service Infrastructure research department in Stuttgart. The Service Infrastructure research domain invents, analyzes, and builds disruptive technologies – related to distributed communications and computing infrastructures – that provide a superior foundation for Alcatel-Lucent's application enablement strategy. Examples are groundbreaking new architectures for the future Internet, multimedia content distribution and Network Computing, promoting a new paradigm merging the computer and telecommunication worlds. (more on event website)

Andreas Ebert, Microsoft Corp

Since 2004, Andreas Ebert is the Regional Technology Officer (RTO) for Microsoft in the EU. In this occupation, Andreas is responsible for the ongoing dialogue with policy decision makers on technology policy matters with long term societal impact, like interoperability, standardization, security, identity and privacy. In addition, Andreas has also deep interest about the broader economic impact of new technical and business developments – for instance High Performance Computing, the transformation through Software plus Services and Cloud Computing.

In this capacity, Andreas is a member of multiple Advisory and Expert Groups in Brussels to exchange actively ideas in research projects and to participate and contribute to European technology policy projects. (more on event website)

Jorge Gasós, Head of sector for Software and Services in the European Commission's Information Society and Media Directorate-General.

He held previous positions in the areas of Grid Technologies and eBusiness of the IST research programme. Before joining the European Commission, Jorge Gasós held research positions in Spain, Japan and Belgium, mainly in the areas of artificial intelligence and robotics. He holds a PhD in Computer Science from the Polytechnic University of Madrid (Spain).

John Gillam, Programme Director SaaS, BT Global Services

John has been Programme Director for BT since 2008. He is responsible for the strategic direction of BT Global Services Software as a Service and Cloud offers.Prior to this current position, John held several Senior Product positions within BT and has been both winner an finalist in product innovation awards associated with effective applications management. John has over 15 years experience with the IT and telecommunications industry and holds a B.T.E.C. H.N.D. in Electrical and Electronic Engineering.

Juan Hierro, CTO, Telefonica I+D

Juan holds the position of Chief Technologist on Software Technologies at Telefónica I+D. He obtained a M.Sc. in Computer Science in 1990 from the Universidad Politecnica de Madrid (UPM) and owns a certificate of investigation proficiency by the UPM.

Juan is responsible of the technological direction of several key innovation projects at Telefónica I+D involving research and open source development of SW platforms and technologies related to concepts such as the Future Web of Services (sometimes referred as next-generation SOA), Software as a Service (SaaS) and Cloud Services. (more on event website)

Antti Huima, CTO for Conformiq Inc.

Antti Huima is a well-known speaker in the area of advanced model-based testing. The original creator of Conformiq's model-based testing technology, Antti works closely with the company's strategic customers. He has delivered several invited talks and tutorials internationally and serves on program committees regularly. Antti has taught multiple university-level courses on the mathematics behind automated test design. He has also taken part in international standardization projects as well as ETSI MTS work. Antti

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has personally architected Conformiq's distributed test generation technology which can be run beneficially in cloud environments.

Bastian Koller, High Performance Computing Center Stuttgart
Dipl. Inf. Bastian KOLLER works at the High Performance Computing Center Stuttgart since 2004 after his diploma degree in computer science and he is currently finalizing his PhD thesis. Since 2007 he has his own research group "Service Management and Business Processes" which is strongly focused on the SLA topic. Mr. Koller is currently acting as Technical Manager of the IST project BREIN and involved in many research activities, within HLRS projects as well as in standardisation bodies such as the Open Grid Forum – OGF.

Dr. Dimosthenis Kyriazis, National Technical University of Athens
Dimosthenis received a diploma from the School of Electrical and Computer Engineering of NTUA in 2001, an MSc degree in Information Systems Management from NTUA (co-organized with the National Kapodistrian University of Athens and the University of Piraeus) in 2004, and his Ph.D. in the area of Distributed Computing with a focus on quality aspects and workflows in Grid environments from the School of Electrical and Computer Engineering of NTUA in 2007. He is currently a Researcher in the Institute of Communication and Computer Systems (ICCS). Before joining ICCS, he has worked in the private sector as Telecom Software Engineer. He has participated in numerous national and European projects (such as NextGRID, BEinGRID, EchoGRID, Akogrimo, etc) and currently serves as the Technical Coordinator of the EU funded FP7 Project IRMOS. Moreover, he serves as the chair of the QoS&SLAs Collaboration Working Group. His research interests include distributed computing, scheduling, QoS provision and workflow management in heterogeneous systems and service oriented architectures.

Ignacio M. Llorente, Ph.D in Computer Science (UCM) and Executive MBA (IE Business School), is a Full Professor in Computer Architecture and Technology, and the Head of the Distributed Systems Architecture Research Group at Complutense University of Madrid.
He has 17 years of experience in research and development of advanced distributed computing and virtualization technologies, architecture of large-scale distributed infrastructures and resource provisioning platforms, and management of international projects and initiatives on Grid and Cloud computing. He is currently co-leading the research and development of the OpenNebula Virtual Infrastructure Engine, the Globus GridWay Metascheduler, and the Grid4Utility initiative for federation of Grid infrastructures. He participates in the EGEE and BEinGRID European projects, as UCM partner responsible, and in the Globus Alliance, as chair of one of its projects; and coordinates the Activity on Management of Virtual Execution Environments in the RESERVOIR Project, main EU-funded research initiative in virtualized infrastructures and cloud computing.
He is the Grid Community Liaison Coordinator for the Service Oriented Infrastructure Working Group of NESSI -European Technology Platform on Software and Services. He founded and co- chaired the Open Grid Forum Working Group on Open Cloud Computing Interface. He coordinates the Middleware Activity in the Spanish Initiative in e-Science and co-chairs the Working Group on Service Oriented Infrastructures and Grids of INES - Spanish Technology Platform on Software and Services.

Kari Rossi, Fellow, Operations and Business Software, Nokia Siemens Networks
Mr. Kari Rossi, Fellow, has over fifteen years experience in Operation Support Systems (OSS) in technical and managerial positions at Nokia Siemens Networks and former Nokia Networks in Finland and in Germany.
Mr. Rossi is a member of the Technology and Architecture management team of the Operations and Business Management (OBS) Business Unit, and his special focus area is enterprise architecture for network and service management solutions and products. Mr. Rossi has been active in the OSS industry initiatives; he was part of the core teams setting up the OSS through Java (OSS/J) and Co-operative Open OSS initiatives, which are now part of the TeleManagement Forum (TMF). He has also given presentations in several international conferences such as Telemanagement World, IEEE Network Operations and Management Symposium (NOMS), and IEEE International Symposium on Integrated Network Management (IM).

Stephan Schulz – ETSI Centre for Testing and Interoperability
Stephan Schulz is a senior technical expert at the Centre for Testing and Interoperability (CTI) at the
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World Class Standards

European Telecommunications Standards Institute (ETSI). He received a Ph.D. in electrical and computer engineering from the University of Arizona in Tucson U.S.A on model-based codesign for real-time embedded systems.

At ETSI he is one of the local resident experts on TTCN-3 and interoperability testing. In addition, he is responsible for test specification research, technical coordination of ETSI Plugtests, advising ETSI technical bodies, and leading development of test specifications in ETSI specialist task forces or commercial projects."

Uwe Schwiegelshohn, Managing Director D-Grid Corporation and TU Dortmund University .

Uwe Schwiegelshohn received the Diploma and the Ph.D. degrees in Electrical Engineering from the TU Munich in 1984 and 1988, respectively. He was with the Computer Science department of the IBM T.J. Watson Research Center from 1988 to 1994 before becoming full Professor at TU Dortmund University where he heads the Robotics Research Lab.

In 2008 he was appointed vice president of this university. Also in 2008 he became managing director of the Government sponsored D-Grid corporation to coordinate the Grid projects in Germany.

His main research interest are scheduling problems and Grid computing.

Werner Staub , Product Manager, IBM

Werner Staub is a product manager for Tivoli Service Automation Manager and IBM Cloudburst.As part of the worldwide Tivoli Process Automation product management team he works at the IBM Research & Development Lab in Boeblingen, driving cloud service management capabilities into the market.

He has worked in the IT industry for 22 years. Previous responsibilities were leading the IBM Innovation Center for Business Partners, managing IBM's data mining offerings and leading project management and implementation roles round production planning, education and financial solutions. He has worked with a large number of customers and business partners on a worldwide level. For example, he worked for IBM at SAP on-site for 2 years successfully driving the implementation of DB2 as a new database platform. Werner Staub has a degree in Computer Science, FH Würzburg-Schweinfurt,as well as a degree in Business Administration.

Laurent Vreck, ETSI, Technical Officer

Laurent Vreck is a senior Technical Officer at the ETSI Standardization Projects group (ESP), responsible for support to standardization activities carried out by ETSI Technical Committees. He has been working with ETSI since 1998.

Currently he is involved in the work of TC MTS (Methods for Testing and Specification), and TC GRID.

He was formerly involved with "Telecoms & Internet converged Services & Protocols for Advanced Netwk" (TISPAN), "Environmental Engineering" (EE), "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON), "Digital Enhanced Cordless Telecommunications" (DECT).

Prior to that he worked for IBM where he was successively employed as Tester, Technical Support Engineer, and Product Engineer on broadwand network products.

He graduated from the "Université de Technologie de Compiègne" (UTC) in 1995.

David Wallom, OGF Standard Council

Dr David Wallom is the Technical Manager of the Oxford e-Research Centre and the Technical Director of the NGS, leading on the efforts to engage further institutional members in the project and give general technical guidance on the roadmap for the project. He is a Co-investigator on numerous projects including the e-Research South project, a collaboration between Oxford, Reading, Southampton and STFC to build capability in e-Research within the south of England and Wales and a number of JISC & OMII-UK funded technological development projects. He has worked as part of the Open Grid Forum for 5 years in both standards and community best practice groups and is now the VP e-Research in the organisation.

Ramin Yahyapour is Professor at the University of Dortmund since April 2009 with a chair on applied computer science and information technologies. He is co-opted in the Faculty of Computer Science. Since March 2007, he is also Director of the IT and Media Center, the central IT service provider of the University and regional compute center.

Dr. Yahyapour holds a doctorial degree in Electrical Engineering from the University of Dortmund.

His research interest lies in the area of parallel job scheduling, resource management in its application to grid computing and service oriented architectures. He is especially interested in large-scale computing infrastructures and the application in high-performance computing. He gives lectures on parallel processing systems, service computing, distributed systems, Grid technologies and eBusiness.

He is scientific coordinator of the Integrated European project "SLA@SOI" with twelve industrial as well as academic partners and a total budget of 13 Mio Euros. Goal of the project is the empowerment of the future European service

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economy by creating a general infrastructure for managing service-oriented infrastructures with SLAs. (more on the event website)