HIGH LEVEL EXPERT GROUP – EUROPEAN OPEN SCIENCE CLOUD 2017-18

Expert CVs

Silvana Muscella

CEO of Trust-IT Services

Silvana Muscella is the CEO & founder of Trust-IT Services, an SME providing international marketing & research specialised in fostering ICT solutions gloablly and across Europe. Silvana deals with high-level strategy building, business acquisition, coordination and strategic marketing and communication developments in ICT around cloud computing, data infrastructures, standards & cybersecurity.

Silvana has an instrumental role in connecting stakeholders around standardisation in the distributed computing field in many institutions. Currently, she is the coordinator of CloudWATCH, the pan-European Cloud Observatory & SLA-READY – making Service Level Agreements (SLAs) readily usable in the EU Private sector.

She is also a member of the Green Grid, IEEE InterCloud Computing Initiative & Association for Computing Machinery (ACM). She has contributed to the European Commission's Cloud Expert Group Roadmap on future research priorities & the European Telecommunications Standards Institute (ETSI) Cloud Standards Coordination & and the Cloud Select Industry Group (C-SIG) on Service Level Agreements.

Silvana's current and past roles:

External Expert Evaluator and reviewer for the European Commission since 2009 to present.

Evaluator for the H2020 SME Instruments & FTI.

Individual Member of The Green Grid.

Trust-IT Member of the IEEE InterCloud Computing Initiative

ACM Professional Member

Preliminary Member of the ECSO European Cybersecurity Organisation

Served as an at-large Director for the OGF.

Founder of the Cloudscape Workshop series since 2010 now self-sustainable

Active role in EU-Brazil policy dialogue

Isabel Campos Plasencia
Senior researcher at the Spanish National Research Council (CSIC)

Isabel Campos is a staff researcher at the Spanish National Research Council (CSIC) since 2009. Her scientific background includes a PhD. in Physics, obtained in 1998 in the University of Zaragoza (Spain) in the area of numerical simulations of Lattice QCD.
Afterwards she pursued a post-doctoral career including research associate positions in highly reputed centers in Europe (DESY in Hamburg and the Leibniz Computing Center in Munich) and the USA (Brookhaven National Laboratory). During this time she developed a wide experience working in the framework of large international collaborations, working in problems with strong requirements regarding access to e-infrastructures.

She has an extensive experience as a user which ranges from distributed computing infrastructures, to HPC systems, and Special Purpose machines.
Her research interests include: System Software for distributed Computing; Middleware development to integrate scientific computing infrastructures; High Performance Computing applied to large-scale simulations and data analysis.

Isabel has an extensive experience in coordinating projects and human teams in National and European projects in the 6th and 7th Frameworks and Horizon 2020. Her leadership positions comprise the coordination of the National Grid Initiative of Spain since 2009. This is a national infrastructure, which aggregates the resources of 17 centers in Spain and Portugal. She has been acting as the representative of Spain at the Council of the European Grid Infrastructure.

As a member of the first EGI Executive Board, she was a founding member of the European Grid Initiative (EGI) in February 2009. She was elected three consecutive times to serve in the EGI Executive Board, from February 2009 to June 2015.
She has published over 50 articles in peer-review journals, gave numerous invited plenary/parallel talks at conferences and seminars at physics and computing research laboratories and universities. She has supervised 2 PhD thesis, and several Master students towards a Scientific Computing degree.

She is a member of the editorial board of several computing oriented journals, and has acted as referee for numerous journals both in Physics and Computing (JHEP, Computing Physics Communications, Nuclear Physics, Journal of Grid Computing,...).

Klaus Tochtermann

German National Library of Economics, Director.

Klaus Tochtermann is a leading expert in data sharing in Economics from a key economic data sharing stakeholder. Expert in Knowledge Management and Knowledge Transfer, Web 2.0, Semantic Technologies. He is the Speaker of the Leibniz Research Alliance Science 2.0 and sits on several advisory boards on information infrastructures.

Dr Tochtermann has higher degrees in computer science from the Universities of Kiel and Dortmund, he has held academic positions at Texas A&M University, Center for the Study of Digital Libraries, USA; at Ulm as Head of Department; as Director of the Austria's Competence Centre for Knowledge Management, Know-Centre Graz, and as senior faculty member at Graz University of Technology and, currently, Kiel.

He has served on several bodies in various advising capacities, including the ITA-Advisory Board of the Federal Ministry of Education and Research, subject area: "Participation in Research and Innovation"; the Board "Information Infrastructure"; the DFG Committee on Scientific Library Services and Information Systems and the Advisory Board "Monitoring Science 2.0" of the European Commission.

Klaus Tochtermann

Linda Strick

Business developer at Fraunhofer FOKUS, Institute for Open Communication Systems

Linda Strick has been with Fraunhofer-Institute FOKUS for over 20 years. She works as a business developer in the application domain of eGovernment. Her main areas of work are in: distributed systems for telecommunications, Service Oriented Architectures and Cloud Computing.

She is responsible for the Cloud Computing Lab at FOKUS, which is part of the eGovernment interoperability lab. She has been working with national and international projects, in standardisation organisations and has published several papers. She is the coordinator of the CloudforEurope project funded by the European Commission under its Framework Programme for Research and Innovation.

Andreas Mortensen

Professor and Vice-president for research of the Swiss Federal Institute of Technology in Lausanne (EPFL)

Andreas Mortensen is currently Professor and Vice President Research of the Swiss Federal Institute of Technology in Lausanne (EPFL), and a member of the committee responsible for the Swiss Data Center (EPFL-ETHZ). He joined the faculty of EPFL 1997 after ten years, from 1986 to 1996, as a member of the faculty of the Department of Materials Science and Engineering at the Massachusetts Institute of Technology, where he held the successive titles of ALCOA Assistant Professor, Associate Professor, and Professor.

His research is focused on the processing, microstructural development and mechanical behavior of advanced metallic materials with particular focus on metal matrix composites and metal foams, on infiltration processing and capillarity, and on damage and fracture in metallic materials. He is author or co-author of two monographs, around one hundred and eighty scientific or technical publications and twelve patents. Andreas Mortensen graduated in 1980 from the Ecole Nationale Supérieure des Mines de Paris with a Diplôme d'Ingénieur Civil, and earned his Ph.D. in the Department of Materials Science and Engineering at MIT in 1986. Besides his academic employment, he was a postdoctoral researcher at Nippon Steel during part of 1986, and was invited professor at the Ecole des Mines in Paris during the academic year 1995 to 1996. He is a member of the editorial committee of International Materials Reviews and has co-edited four books. He is a Fellow of ASM, a recipient of the Howe Medal and the Grossman Award of the American Society of Metals, was awarded the Péchiney Prize by the French Academy of Sciences and the Res Metallica Chair from the Katholieke Universiteit Leuven, received three EPFL teaching awards, is one of ISIs Highly Cited authors for Materials Science since 2002 and was awarded an ERC advanced grant in 2012.

Žiga Turk

Professor at the University of Ljubljana

Žiga Turk is a Professor at the University of Ljubljana, Slovenia. He holds degrees in engineering and computer science. As academic he studies design communication, internet science and scenarios of future global developments, particularly the role of technology and innovation.

He is an internationally recognized author, public speaker and lecturer on these subjects. Dr Turk was Minister for Growth as well as Minister of Education, Science, Culture and Sports in the Government of Slovenia and Secretary General of the Felipe Gonzalez's Reflection Group on the Future of Europe.

In 2010-2011 he was chair of the GÉANT Expert Group set up by the European Commission. He is a member of the Academic Board of the Wilfried Martens Centre for European Studies.

Toivo Räim

Adviser, Department of Research Policy, Estonian Ministry of Education and Research

Toivo Räim, studied physics at the University of Tartu, Estonia (1967-1972), postgraduate studies in Biophysics at the Institute of Experimental Biology, Estonian Academy of Sciences, Harku, Estonia (1975-1978), received PhD in Molecular Biology from theUniversity of Tartu, Estonia, in 1990. Internship at the National Science Foundation, Washington, USA, in 1994.

Dr. Räim was appointed to his current position of Adviser, Department of Research Policy, Estonian Ministry of Education and Research, in 2008. Prior to this, he was the Counsellor for Scientific Affairs at the Estonian Permanent Representation to the EU in Brussels, Belgium (2002-2008), a position he moved to from the Estonian Ministry of Education where he was Head of Science Policy Division (2001-2002) and Adviser in the Department of Research and Higher Education (1999-2001).

Dr. Räim's earlier career was with the Estonian Academy of Sciences which he joined in 1972 as a Junior Research Associate at the Institute of Experimental Biology in Harku, Estonia. Dr. Räim moved through the posts of Research Associate and Senior Research Associate until his appointment as Scientific Secretary in 1991, a position he held until 1996. From 1994 to 1998, Dr. Räim was Chief Expert at the Estonian Science Foundation in Tallinn, Estonia. He was Co-chairman of the Executive Board from 1998 to 1999.

During his career, Dr. Räim has had visiting appointments in the Institute for Biophysics, Brno, Czech Republic (1978) and in the Central Institute for Microbiology and Experimental Therapy, Jena, Germany (1981 and 1985). He was a Seconded National Expert at the European Commission (DG Research) in 1999.

Dr. Räim is the Estonian delegate on numerous committees, amongst which the INTAS GA (since 2000), CREST (since 2001), Council Research WP (2004-2008), ESFRI (since 2004), and CREST SFIC (since 2009). He has been the Estonian representative to the Board of Governors of the Joint Research Centre of the European Commission since 2004

François Robida
Deputy Head of Information Systems and Technologies Division at BRGM

François Robida is Deputy Head of Information Systems and Technologies Division at BRGM. BRGM is France's leading public institution involved in the Earth Science field for the sustainable management of natural resources and surface and subsurface risks. In his current position, he is in charge of research and development and supervises European and international projects in the domain of Information Systems for geosciences and environment in general (such as Orchestra, Rise, Swing, Genesis, Aegos, EuroGeoss, OneGeology).

Prior to taking this position in BRGM, François Robida held different positions in the organization related to computer science applications to earth sciences. Following his first work in mining geostatistics, he was in charge of the design and development of software related to all aspects of geology, and especially to 3D modeling. He was then responsible for the BRGM software group, co-coordinating the development and marketing of software developed by BRGM.

As "Terre Virtuelle" project leader since 2001 (Terre Virtuelle / Virtual Earth is a BRGM R&D corporate project to support the development of new services through the use of new technologies), François Robida has promoted and introduced interoperability, Grid computing and Virtual Reality technologies within BRGM. The project delivered in 2003 the first OGC compliant portal in France.

Involved as an actor of the development of interoperability at different levels, he has been a member of the European Expert Group for INSPIRE during the preparation phase, and he chairs the Working Group on "Geographic information & INSPIRE" of the European Geological Surveys association (EuroGeosurveys). He also represents BRGM in CNIG (French council for geographic information), in OGC (BRGM became the first French OGC member in 2001), and has also been a member of the OGCEurope advisory board.

François Robida is currently member and treasurer of the Council of IUGS/CGI, the Commission for Geoscience information which develops GeoSciML, the geosciences markup language. He is co-coordinating the technical development of the OneGeology initiative (94 countries) that aims at delivering a geological map of the world based on interoperability principles. François Robida is a Mining Engineer, graduate of the Nancy School of Mines (Engineer Degree in geostatistics).

International Observers

Ross Wilkinson

Director of Library Services and Leader of the KPA on Communications, Outreach and Open Access - Australian National Data Service

Australian National Data Service, Director of Library Services and Leader of the KPA on Communications, Outreach and Open Access.

After completing a Ph.D. in mathematics at Monash University, Ross researched computer science at La Trobe University, RMIT and CSIRO. His research fields have included document retrieval effectiveness and technologies that support people to interact with their information environments. Ross has published over 90 research papers and was a program co-chair for both SIGIR'96 and SIGIR'98.

He is a Council Member of the Research Data Alliance, an international initiative aiming to build the social and technical bridges that enable better sharing of data.
His professional interests include document computing, text management, information retrieval, document standards, corporate memory and tailored information delivery.

George A. Komatsoulis

Chief of Bio-Informatics at CancerLinQ LLC.

Dr Komatsoulis, spent 12 years in senior positions at the National Institutes of Health (NIH). During that time, he served as Deputy and Interim Director of the National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology, Chief Information Officer at the NCI, and Acting Chief of the Informatics Resources Branch at the National Center for Biotechnology Information.

Dr. Komatsoulis' work at the NIH focused on bringing advanced information technology capabilities to the biomedical research community, most recently cloud computing via the NCI's Cancer Genomics Cloud Pilots and the NIH Commons Credits Model programs. He also has experience in the commercial sector in the Bioinformatics Department at Human Genome Sciences, Inc.

Dr. Komatsoulis holds a PhD in molecular biology and biochemistry from the California Institute of Technology and a BS in microbiology from Cornell University.