Big Data Expert Group Members Short Bios

ICT Policy, Research and Innovation for a Smart Society

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⭐ **Dr. Nikos Sarris - ATC (chair)**

Dr. Nikos Sarris, is the Head of the ATC Innovation Lab. He has received his PhD from the Aristotle University of Thessaloniki and his Master of Engineering degree from the University of Manchester Institute of Science and Technology. Nikos has been working since 1996 in R&D projects as a researcher, project manager and coordinator of large multinational consortia. He has authored numerous publications for international journals and conferences. In the latest years he has been involved in media related projects focusing on the semantic analysis and 'understanding' of multimedia news content. Dr. Sarris is a member in the Steering Committee of the NESSI European Technology Platform and a representative of ATC in the General Assembly of the Big Data Value Association.

⭐ **Prof. Dr. Sören Auer - University of Bonn**

Sören heads the Enterprise Information Systems group at the computer science department at University of Bonn. He is also member of the leadership council of Fraunhofer-Insitute for Intelligent Analysis and Information Systems (IAIS) and scientific head of the Fraunhofer IAIS department Organized Knowledge. Before joining University of Bonn and Fraunhofer IAIS in 2013, Sören founded AKSW research group at University of Leipzig and worked at TU Chemnitz as well as University of Pennsylvania. Sören is also the coordinator of the 'Big Data Europe' Coordination and Support Action and a member of the Big Data Value Association.

⭐ **Dr. Andreas Metzger - University of Duisburg-Essen**

Andreas Metzger received his Diploma and his Ph.D. in computer science from the Technical University of Kaiserslautern in 1998 and 2004, respectively. He is currently senior academic councilor and head of adaptive systems and Future Internet applications at paluno, the Ruhr Institute for Software Technology of the University of Duisburg-Essen (Germany). Previously he has been research assistant at the Technical University of Kaiserslautern working on the topic of model-driven software development. His research interests include monitoring and adaptation of service-based applications, cloud systems and business processes. He was member of the steering committee and management board of the European Network of Excellence on software, services and systems (S-Cube), and is now chief technical architect of the European Future Internet Public Private Partnership project on transport, logistics and agri-food (FIspace). Andreas Metzger is deputy general secretary of the Big Data Value Association (BDVA) and steering committee vice chair of the European Technology Platform NESSI (The Networked European Software and Services Initiative).

⭐ **Michail Bletsas - MIT**

Michail is a research scientist and the Director of Computing at the MIT Media Lab and the Head of the Network Computing Systems (NeCSys) group. Michail is is one of the founders of the Greek mobile advertising and marketing company Velti S.A. and he was also one of the leaders in an effort to provide wireless networking to the island of Patmos, Greece. Since June 23, 2010, Bletsas is an Independent Non-Executive Director of Hellenic Telecommunications Organization SA (Athens, Greece).Also, Michail is one of the designers of OLPC's XO laptop. He was one of the principals of the OLPC team where he made various contributions, including the design and implementation of the first embedded layer-2 wifi mesh stack. From February 2006 to January 2009, he was OLPC's Chief Connectivity Officer and VP Advanced Technology and he was member of the group which received the Community category award of the 2007 Index: Award, for the design of the OLPC XO-1 laptop computer.

⭐ **Dr. David Belanger - Stevens Institute of Technology**

Dr. David Belanger is currently a Senior Research Fellow at Stevens Institute of Technology. In this role he continues his work in Big Data Technology, Applications, and Governance. He also teaches and helps lead in the Business Intelligence & Analysis Master Degree program and the Center for Big Data Innovation. In addition, he is involved in consulting related to Big Data in areas such as Health Care, security, and Networking. He was Chief Scientist of AT&T Labs, and Vice President: Information, Software, & Systems Research at AT&T Labs, and creator of the AT&T InfoLab, an early participant in "Big Data" research and practice. Dave joined Bell Laboratories in 1979. He has led research in software systems and engineering, information mining, information visualization, and development in very large scale data systems. He built the Software Engineering Research Department which provided software tools and techniques used across AT&T Bell Labs, and via open source, across the world. Prior to AT&T, Dave was associate professor of Mathematics and Computer Science at University of South Alabama, and co-founder of Gulf Coast Data Systems (a computing services company). He received his B. S. from Union College (NY) in Mathematics, and an M. S. & Ph.D., in Mathematics, from Case Western Reserve University. In 1998, Dave was awarded the AT&T Science and Technology Medal for contributions in very large scale information mining technology. In 2006, he was named an AT&T Fellow for "lifetime contributions in software, software tools, and information mining". Dr. Belanger received the 2009 IEEE Communications Society Industrial Innovator Award. Adding to the above, David is the leader of IEEE Big Data Initiative and he is a member of the Board of Advisors of IEEE Transactions on Big Data and IEEE Transactions on Internet of Things groups.

⭐ **Wo Chang, NIST**

Mr. Wo Chang is of NIST Data Coordinator and Digital Data Advisor for the NIST Information Technology Laboratory (ITL). His responsibilities includes working with the NIST Scientific Data Committee and Data Policy Group to respond to the data requirements; promoting a vital and growing Big Data community at NIST and with external stakeholders in the commercial, academic, and government sectors. Mr. Chang currently the Convener of the ISO/IEC JTC 1 Study Group on Big Data, co-chairs the NIST Big Data Public Working Group, and chairs the ISO/IEC JTC/1 SC 29 WG11 (MPEG) Multimedia Preservation AHG.

⭐ Ray Walshe, Dublin City University

Assistant Professor Ray Walshe has over 30 years experience of engineering, technology and software projects. He is a Funded Investigator (FI) in the Insight Centre for Data Analytics @ Dublin City University where he leads a research team on Big Data projects in the areas of Health/Human Performance, Power Electronics and Personal Communication Platforms. Ray is an internationally recognised expert in Big Data Standards where he some of his work includes : Lead Editor of ISO WG9 Big Data Standards, Head of Ireland Delegation for Big Data at NSAI, Member of Cloud Select Industry Group (C-SIG) for DG-CNECT at European Commission, Steering Board member for NetWorld2020 the European Technology Platform for communications networks and services, Chair of Standardisation Group at Big Data Value Association (BDVA), Digital Leader at World Economic Forum, Member of Big Data Expert Group for Picasso Project on EU US ICT Collaboration and rapporteur on FOG Computing White Paper for European Standards Development Organisation (ETSI). Ray is a National Standards Authority of Ireland (NSAI) recognised standards expert in emerging technologies like Blockchain and Distributed Ledger and Internet of Things.

⭐ Dr. Pantelis Angelidis, VIDAVO

Dr. Pantelis Angelidis, a Telecommunications Engineering by education, works as a technology expert in the areas of Telemedicine and Digital Health for the past 25 years. He is the founder of VIDAVO, a Digital Health microenterprise in Greece, which pioneered an innovative personalized health data analytics IoT solution for chronic disease management. He is actively publishing research articles and textbooks. He has patented four telemedicine devices. Dr. Angelidis was a visiting professor at MIT Media Lab in 2009-10 and again in 2015-16. He is Prof. of eHealth at UOWM and a visiting lecturer at UB Medical School and Kingston Un. He is a Marshall Memorial fellow and alumni of the Bodosaki foundation. He is active in turning research results into profitable businesses focusing on technologies for preventive health and active ageing.