Global Forum
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Oulu Capital of Northern Scandinavia

SPEAKER PROFILES

DIGITALIZATION
FROM DISRUPTION TO SUSTAINABILITY

Monday 28th & Tuesday 29th September 2015
Oulu, Finland
Oulu City Theater

THE INTERNATIONAL THINK-TANK ON THE DIGITAL FUTURE

JØRGEN ABILD ANDERSEN, DIRECTOR GENERAL TELECOM (RTD.) CHAIRMAN OF OECD'S COMMITTEE ON DIGITAL ECONOMY POLICY, DENMARK

Jørgen Abild Andersen is among the World's most experienced experts within the ICT area.

Mr Abild Andersen served as telecom regulator in Denmark from 1991 to 2012.

Mr Abild Andersen gained a Masters of Law from the University of Copenhagen in 1975. He started his career as a civil servant in the Ministry of Public Works and for a three-year period he served as Private Secretary to the Minister.

From 2003 to 2004 he was chairing the European Commission's Radio Spectrum Policy Group. In 2005, Mr. Abild Andersen served as Chair for European Regulators Group (ERG). From 2006 to 2010 he was Denmark's representative at the European Commission's i2010 High Level Group. And he has furthermore been representing his country at the Digital Agenda High Level Group until April 2013. Since October 2009 he serves as Chair of OECD's Committee for Digital Economy Policy (CDEP) – until December 2013 named ICCP. In 2013 he was a member of ICANN's Accountability and Transparency Review Team 2.

In 2013 he founded Abild Andersen Consulting – a company offering strategic advice to ministers, regulators and telcos on the Digital Economy Policy.

MIKE AHMADI, GLOBAL DIRECTOR OF CRITICAL SYSTEMS SECURITY, SYNOPSYS, INC, USA

Mike Ahmadi is the Global Director of Critical Systems Security for Codenomicon Ltd. Mike is well known in the field of critical infrastructure security, including industrial control systems and health care systems. He currently serves on the technical steering committee for the ISA Security Compliance Institute (ISCI) who manages and maintains the ISASecure certification program.

He also serves as a US Expert for IEC TC65 Working Group 10 in developing the IEC 62443 series of Industrial Process Control cybersecurity standards. He served on the California Office of Health Information Integrity Security Steering Committee in drafting the state level policies on HIPAA HITECH, and is an active member of the Medical Device Innovation Safety and Security Consortium (MDISS), where he introduced the Vendor Security Practices project, and is also an active member of the Association for the Advancement of Medical Instrumentation (AAMI) Medical Device Security Working Group, where he has contributed to technical industry reports. Mike has also worked closely with the US Food and Drug Administration in assisting them with developing their cybersecurity testing capabilities.

Mike also currently serves as an active member of the US Department of Homeland Security Industrial Control Systems Joint Working Group, and as part of the advisory board for the US Secret Service Electronic Crimes Task Force. Mike has been a co-author in several publications, including the American Bar Association Secuity and Privacy guide, AAMI Journals, and also serves on the editorial board of ISSA Journal. He regularly makes appearances as a subject matter expert and speaker in various cybersecurity events internationally. Mikes interests are critical infrastructure security, including industrial control systems and medical devices and networks

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ESKO AHO, FORMER PRIME MINISTER OF FINLAND; EXECUTIVE CHAIRMAN OF THE BOARD, EAST OFFICE OF FINNISH INDUSTRIES

In addition to East Office of Finnish Industries, Esko Aho also chairs the board of Finnish-Russian Chamber of Commerce (FRCC) and the joint board of directors of Business Team for Russia, a partnership between the FRCC, East Office, Finland Chamber of Commerce and the Confederation of Finnish Industries EK. In addition, he is Consultative Partner at Nokia. Mr. Aho's other domestic and international activities are coordinated through his private consulting company Verbatum Oy.

Mr. Aho enjoyed a distinguished career in Finnish politics, including the post of Prime Minister from 1991 to 1995. He was a Member of the Finnish Parliament for 20 years, from 1983 to 2003. He chaired the Centre Party from 1990 to 2002, and was elected Prime Minister in 1991 at the age of 36, making him the youngest PM in Finland's history. Under his leadership, Finland joined the European Union. Mr. Aho was awarded the Grand Cross of the White Rose of Finland in 1992.

In 2000, Mr. Aho spent one year as a Resident Fellow at the Institute of Politics at Harvard University. He then served as President of the Finnish Innovation Fund SITRA from 2004 to 2008. From 2009 to 2012, Mr. Aho worked as the Executive Vice President of Corporate Relations and Responsibility at Nokia Corporation. In 2012, he was appointed as Senior Fellow at the Mossavar-Rahmani Center for Business and Government (M-RCBG) at the John F. Kennedy School of Government at Harvard University.

Currently Mr. Aho serves as elected member of the Executive Board at the International Chamber of Commerce. He is also an invited member of Club de Madrid, an independent organization of former heads of state and government dedicated to strengthening democracy. Since founded in 2010, Mr. Aho has been a board member at Skolkovo Foundation, a non-profit organization charged with creating a new science and technology development centre in the Moscow suburb of Skolkovo.

Throughout his career, Mr. Aho has been active in the world of academia. He is a visiting lecturer at Beijing University and a member of the Industrial Advisory Board at the Russian Presidential Academy of National Economy and Public Administration (RANEPA). In March 2015, he was named as Executive in Residence at Aalto University, where he works at the Department of Management Studies at the School of Business. Mr. Aho holds honorary doctorate degrees from the University of Vaasa, Finland, and the University of Alberta, Canada.

TIMO ALI-VEHMAS, HEAD OF ECOSYSTEMS RESEARCH, NOKIA TECHNOLOGIES, FINLAND

Timo Ali-Vehmas was nominated in 2015 to lead the emerging ecosystem research in Nokia Technologies. The knowledge and leadership related to ecosystems is needed to complement the competences and capabilities in technologies. The ICT driven ecosystems based on the collaboration within and between the industries is one of the drivers of next generation of systems and services.

During the last 9 years he was in charge of Nokia's standardization and related activities as the VP, Compatibility and Industry Collaboration, including Nokia's contributions in forums like the 3GPP, ETSI, CCSA, IEEE, ITU, IETF, W3C, OMA, DLNA, WFA, BT and many others. He has been working in Nokia since 1980 in a number of different areas, including R&D manager of first Nokia GSM mobile phone, Head of Radio Communication Laboratory in Nokia Research Centre and VP, WCDMA Product Programs in Nokia Mobile Phones.

Since 2012 Timo Ali-Vehmas has served as the Chairman of the Board of Nokia Foundation. Since 2008 he has been member also the Board of Walter Ahlström Foundation. Timo Ali-Vehmas graduated at Helsinki University of Technology 1982.

GIAMPAOLO ARMELLIN, HEAD OF RESEARCH UNIT CRG - CENTRO RICERCHE GPI S.R.L., ITALY

Master degree in Computer Science at the University of Milan, he started working in healthcare and wellbeing fields in 2005. From then and on he has been involved in many research and industrial projects for local and national agencies in Italy and participated on EU FP7 projects. He has also collaborated with agencies working in low-resource areas such as Mozambique, to develop solutions to monitor local healthcare systems, considering all the specific issues arising, both from technical and organizational point of view.

Previously, he had an interesting and fruitful experience at Phoenix Contact, working on industrial automation projects and he collaborated to the startup of the Offnet Italia branch in Milan, being in charge of the CRM Solutions Department.

Currently, he is the head of the Research Unit at Centro Ricerche GPI, co-located at the EIT ICT Labs in Trento. He manages the R&D team, consisting of internal staff, PhD students and undergraduates. Directly reporting to the CEO, he devises plans and budgets for research and innovation projects concerning GPI's products and solutions. Moreover, he constantly monitors resources and activities, evaluating technical options and scientific results. He takes care of GPI's relationships and collaborations with Research Institutions. Furthermore, he is member of the advisory board of the EIT Doctoral Training Center in Trento.

His professional development is focused on technical management: analyzing and evaluating solutions, organizing teams and structures, accounting and verifying results are all subjects of his interest. In these areas, he will constantly increase his knowledge on methods and technologies.

He considers worthwhile to establish international relationships, in order to develop business, to exchange ideas and to compare different ways of working.

He aims at transferring his knowledge and expertise on business-related projects, working on initiatives enabling overseas collaborations, in order to develop newer solutions and services, as well as being market-aware, particularly with respect to the developing world.

ANTTI AUMO, HEAD OF INVEST IN FINLAND AND EXECUTIVE VICE PRESIDENT OF FINPRO, FINLAND

Antti Aumo is the Head of Invest In Finland and Executive Vice President of Finpro. Antti has 20+ years of international work experience in product management, strategic marketing and marketing communication. He has worked in management positions in several multinational companies, including Logitech, Nokia, Landis+Gyr and Car Connectivity Consortium, in Finland and abroad. Antti has a Master's degree in business, not in engineering, but enjoys a life-long love affair with technology that enriches people's lives in a meaningful way.
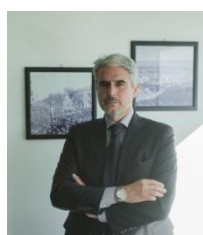

HEIKKI AUTTO, CHAIRMAN, ROVANIEMI CITY COUNCIL, FINLAND

Heikki Autto has been the chairman of the Rovaniemi city council since 2009. The original home town of Santa Claus has not only become the most attractive tourist destination on the Arctic Circle, but the capital of Finnish Lapland is often visited by many world leaders as well. That has enabled Rovaniemi to establish a remarkable cooperation network worldwide. Heikki Autto has also served as a member of the Finnish Parliament and as a member of Finland's delegation to the Conference of the Arctic Parliamentarians (CPAR). Currently Heikki Autto works as the liaison manager of the University of Lapland which is the home base for the University of the Arctic (UArctic); UArctic is a cooperative network of universities, colleges, research institutes and other organizations concerned with education and research in and about the North.

CARMELO BATTAGLIA, COMMERCIAL DIRECTOR PUBLIC ADMINISTRATION AND INSTITUTIONAL RELATIONS, INFOCERT, ITALY

Since 2009 Carmelo Battaglia is at InfoCert with the Responsibilities of Sales Department Public Administration and Institutional Relations of the company InfoCert S.p.A. These duties mature through experience with the system of the Italian Chambers of Commerce since November 1990 in Cerved Relation Manager Calabria Region , from 2000 to 2009 always in InfoCamere Director of Institutional Relations .
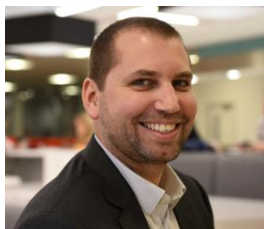
He has a unique knowledge of the systems and its organization (Chambers of Commerce, special agencies, UnionCamere, associations and organizations of systems).The activities that he has carried out in the administrative accounting, management control, performance analysis and results, the management team and a complete experience in public relations have enabled the achievement of objectives always in line with expectations ,at both the business results and the references that can find adequate response for customers (Chambers of Commerce or public administration).

In his role as head of institutional relations through synergic activities with Chambers of Commerce and Unioncamere, reporting directly to the General Management , it has been obtained results still strategic and with value for the system (electronic transmission of documents for the register acts of companies, bulletin boards for cooperative companies, review of the system of administrative fees, digital tachographs, single Communication called "Business in a day").

Carmelo Battaglia has also an useful experience in Finance, Administration and Management Control gained in the RCS Group and Italcementi.

The group InfoCert is the leader among Certification Authority in Italy , is present with the digital signature solutions and electronic certified mail applied to document management . Workflow management with complete process dematerialized in compliance with the current regulations offering full legal system

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WLADIMIR BOCQUET, HEAD OF POLICY PLANNING GSMA ASSOCIATION

Wladimir Bocquet is Head of Policy Planning for Government and Regulatory Affairs for the GSMA. In this role, he provides public policy analysis and recommendations to the GSMA executive team and offers a strategic view of global policy trends to GSMA members. Previously at the GSMA, he was Senior Director of Spectrum Policy, responsible for building consensus on spectrum policy positions and promoting best practice in spectrum management.

In October 2008, Mr Bocquet was appointed Deputy Director in charge of Spectrum Strategy and International Planning at Orange-France Telecom Group, and he led the Orange delegation at WRC-12. He worked in Japan for several years, first in mobile broadband communication for Fujitsu Laboratories and subsequently as senior manager of broadband access technologies for Orange Labs Tokyo-Seoul (formerly France Telecom R&D).

In addition to his GSMA responsibilities, Mr Bocquet also serves as a lecturer for the US Telecom Training Institute (USTTI) and other international training bodies.

Mr Bocquet earned a degree in telecommunications from Telecom Bretagne (EcoleNationaleSupérieure des Télécommunications de Bretagne, France) and a doctorate from the University of Kyoto, Japan

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JEAN-PIERRE CHAMOUX, PROFESSOR EMERITUS, UNIVERSITÉ PARIS DESCARTES, FRANCE

Pr. CHAMOUX joined the University Paris Descartes in 2001. An industrial engineer by training (*Ecole centrale* Paris 1963) he received his Doctor's degree in 1967 from the University of Paris and a Master's Degree from the University of Wisconsin (1964).
Pr. Chamoux chaired the *Office for Service Industries* in the French government (1995 to 1998). He managed the research centre *"Droit & Informatique"* in Paris from 1975 to 1998. From 1986 to 1989, he chaired the *Regulatory Authority for Post & Telecommunications* in the French Administration.
He published books on communications, industrial policies & public services and many articles in France & abroad (power, telecoms, water supply, media etc.). A publisher from 1972 to 1986 he was the editor of a quarterly journal *"Le Communicateur"* established in 1986.
Pr. Chamoux is an active member of the Paris based NGO "*Centre d'études & de recherche stratégique*". He is also a member of the European Parliament policy group "*European Ideas Network*". Co-founder of the yearly seminar *Euro CPR* 30 years ago he chaired the *TU Delft* (NL) scientific advisory group on "*Next Generation Infrastructures*" established in 1997 with the support of the Dutch Government.

MARIANE CIMINO, CONSULTANT, FRANCE GÉNÉTIQUE ÉLEVAGE, FRANCE

Mariane Cimino is engineer in biology and computer science, Mariane Cimino has spent 10 years in the pharmaceutical industry as IT manager of a R&D department, and 10 years in the GIP-CPS (French Health Professional Card) and ASIP-santé (French Agency for Health Information Systems). Since 2010 she is an independant consultant in e-health and in e-agriculture.

AMADOU DAFFE, CO-FOUNDER & CEO, CODERS4AFRICA, USA

Amadou Daffe is the CEO and Co-founder of CODERS4AFRICA. By trade he is a software architect & engineer with a decade of experience in enterprise application development. Amadou Daffe has a BS in Computer Science and MS in Information from the US. With the intent of one day putting thousands of Africans to work developing software applications, Amadou co-founded Coders4Africa (C4A) in 2009. Amadou's goal was to capitalize on his industry experience and deep understanding of the culture and needs of the IT professionals he works with to become Africa's largest software outsourcing organization. C4A wants to serve a global customer base while building and nurturing Africa's largest software developer network – along the way creating essential applications for the continent's agriculture, business, consumer, education and health care markets.

SHOUMEN DATTA, RESEARCH AFFILIATE, MIT; SVP IIC - INDUSTRIAL INTERNET CONSORTIUM , USA

Dr Shoumen Palit Austin Datta is a Research Affiliate at the School of Engineering at MIT, Senior Vice President for the Industrial Internet Consortium (www.iiconsortium.org) and engaged with the MDPnP Program at the Massachusetts General Hospital, Harvard Medical School (mdpnp.org). He expects to contribute in developing and implementing the vision of the internet of systems (IoS) which extends the concept of the internet of things (IoT) and the industrial internet to catalyze global economic growth. Prior to joining the IIC he was the Co-Founder and Executive Director of the MIT Forum for Supply Chain Innovation at the MIT School of Engineering. He taught Strategy and Management at the MIT Sloan School of Management. He was a Member of the Auto ID Center at MIT and Research Scientist in the Engineering Systems Division, MIT School of Engineering. He has lectured worldwide on technology innovation and participated in executive education at MIT and several other institutions in US, EU and Asia. He has authored papers and articles related to evolution of the industrial internet (2003), intelligent software agents, frame-work for predictive analytics, operations and supply chain management, sensors in healthcare platforms and renewable energy for sustainable global economy. He often serves as an independent consultant and advisor for major corporations and governments. His prior work includes the US Department of Defense, United Nations (UNDP), the World Customs Organization (WCO) and the President's Science and Technology Advisory Group (PSTAG) for the President of Taiwan (ROC) as well as major industries. He is a lifetime champion of public K-16 education. Shoumen earned his PhD from Rutgers University in collaboration with Department of Molecular Biology at Princeton University. He was a Research Fellow in Medicine at the Massachusetts General Hospital and Instructor in Medicine at Harvard Medical School, Harvard University. He was a Research Associate at the Whitehead Institute at MIT and a member of the Human Genome Project at MIT. He was a Research Scientist at the University of California (UCSF) School of Medicine (San Francisco, CA). In between his careers in research/medicine and engineering/management, he served in the public sector for the City of San Francisco, State of California and in US Government roles. His self-guided convergence of medicine into engineering was catalyzed while auditing AI courses at MIT and network engineering lectures at the University of California, Berkeley. Please explore http://bit.ly/MIT-IOT and http://bit.ly/MIT-SD.

DONALD R. DAVIDSON JR. CHIEF, CYBERSECURITY LIFECYCLE RISK MANAGEMENT AND CS/ACQUISITION INTEGRATION DIVISION, OFFICE OF THE DEPUTY DOD CHIEF INFORMATION OFFICER FOR CYBERSECURITY , USA

Don Davidson is Chief, Cybersecurity Lifecycle Risk Management and CS/Acquisition Integration Division in the Office of the Deputy DoD Chief Information Officer for Cybersecurity (DCIO-CS). He has 40+ years of federal service, to include 11 years active duty military, with a Bachelor of Science degree in Engineering from USMA at West Point NY and a Master of Science degree in National Security Strategy (and Information Resource Management) from the National War College at National Defense University. He co-chairs Supply Chain Risk Management (SCRM) efforts in international, public/private, interagency & DoD: Information Communications Technology-SCRM (Ad-Hoc) WG under ANSI / INCITS, improving SCRM-related ISO standards; SCRM WG1 in the DHS Software & Supply Chain Assurance (SSCA) Program; interagency WG2 on SCRM, implementing CNSS Dir 505; and DoD Trusted Systems & Networks (TSN) Round Table, implementing DoDI 5200.44.

LASANTHA DE ALWIS, DIRECTOR/HEAD OF OPERATIONS DEPARTMENT, CTO - COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

Lasantha is the Director/Head of Operations Department of the Commonwealth Telecommunications Organisation, the London-based Commonwealth agency mandated in the field of ICTs.

As the Head of Operations, Lasantha is in charge of the operational services of the CTO including, capacity building, research and international events, which are aimed at assisting Commonwealth countries leverage ICTs for socio-economic development.

Lasantha's engagement with the field of Cybersecurity dates back to 2007 when he became a member of the High Level Experts Group of the Global Cybersecurity Agenda of the International Telecommunications Union. Since then he has been leading the CTO's Cybersecurity programme which has produced among others, the Commonwealth Cybergovernance Model and the Commonwealth approach to developing National Cybersecurity Strategies, details of which are available at http://www.cto.int/priority-areas/cybersecurity/. CTO's projects in Cybersecurity in 2015 include assisting selected member countries develop National Cybersecurity Strategies and developing a Commonwealth framework for Data Protection and Privacy. Lasantha also leads in organising the annual Commonwealth Cybersecurity Forum which brings together policy makers, regulators and other stakeholders from across the Commonwealth to examine various facets of Cybersecurity with a view to designing common responses. Lasantha was a member of the Commonwealth Working Group on Cybercrime and the East West Institute's Cybersecurity Working Group.

ALBERTO DI FELICE SENIOR ANALYST IN QUALCOMM'S EUROPEAN GOVERNMENT AFFAIRS TEAM, BELGIUM

Alberto Di Felice is a senior analyst in Qualcomm's European government affairs team, based in Brussels. He covers policy developments at the EU and Member State levels relating to data protection and technology policy for a number of IoT verticals, including transportation and healthcare. He represents Qualcomm in EU and national trade associations and is Vice Chair of the Healthcare Committee of the American Chamber of Commerce to the European Union (AmCham EU), leading Qualcomm's mobile health policy agenda in the region. Alberto holds degrees in law and European studies from the universities of Teramo and Trento in Italy as well as a masters in diplomacy from the Institute for International Political Studies in Milan.

KOFFI FABRICE DJOSSOU AFRICA BROADCAST SATELLITE - SOUTH AFRICA

Koffi Fabrice DJOSSOU is the Senior Director of Sales -Africa for ABS, young and fast growing global satellite operator, with an entrepreneurial and creative business approach. Koffi has over 10 years experience in ICT and telecommunication industry. He is the former Africa Liaison for ZACR, a South African based entity which performs the technical and administrative functions of the ZA Central Registry (Internet registry and infrastructure), which includes the administration of the CO.ZA domain name space and also the dotAfrica geographic Top Level Domain.

IEEE member, Koffi is a telecommunication engineer with a significant knowledge in project management, strategy and policy development.

MARGOT DOR, STRATEGY DEVELOPMENT, ETSI- EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE

ETSI is a standards organization whose mission is to enable the emergence of global open standards for ICT networks and services. Over 750 members from 62 countries design the work programme and participate directly in the technical committees. ETSI is located in Sophia Antipolis, France.

Margot Dor worked in the IT industry and the banking sector. She joined ETSI in 1997 to launch a market intelligence unit. Since then she held various positions in ETSI and is now in charge of Strategy Development.

Margot was born and raised in Marseille, France. She graduated in Political Science and International Public Law (Aix-Marseille III) and holds a post-graduate degree in Strategic Marketing (HEC Paris).

EFFAT EL-SHOOKY, TECHNICAL DIRECTOR WBDC - WOMEN BUSINESS DEVELOPMENT CENTER, EGYPT

Ms. Effat El-Shooky is the Technical Director of the "Women Business Development Centre-WBDC" that is affiliated to the "National Council for Women-NCW" in Egypt. She is the National Project Director of the "Women to Work-W2W National Egyptian Project"; and the Founder of the "Community-Based Knowledge Innovation and Social Entrepreneurship Initiative-CKI&SEI". Ms. Effat El Shooky is a renowned expert in the Information and Communication Technology field; she is a Member of the Board of Directors of the UN e-Content World Summit Award-WSA, the Egyptian Center for Advancement of Science, Technology and Innovation-ECASTI, the South-South Development Academy-UNDP Egypt, and the Cairo Regional Center for Training on Conflict Resolution and Peacekeeping in Africa-CCCPA in Egypt. She is also a Senior International Consultant to the Euro-Africa ICT Research and Innovation Forum.

Ms. El Shooky has been active and instrumental in the field of Information technology for over than 30 years; she served as Advisor to the Minister of Communication and Information Technology-MCIT- Egypt, the National Project Director of the UNDP-MCIT project "Empowering and Connecting the Community through ICT"; and the Executive Director of the Regional Information Technology & Software Engineering Center –RITSEC. She also served as the Director of the Global Development Learning Center- GDLC Egypt of the World Bank Institute at RITSEC, IBM-Egypt, the Arab League Industrial Development Information Centre-IDCAS, the Cabinet Information and Decision Support Centre –IDSC, and the Information Technology Industry Development Agency-ITIDA in Egypt.

Ms. El Shooky was also instrumental in initiating, activating and coordinating the Finnish-Egyptian Partnership Initiatives, Programs and Projects in the ICT field. Based on her achievements she was awarded the Decoration of **"First Class Finnish Knight"** - Order of the **"Lion of Finland"** by the President of Finland in 2008.

ALEXEY ERSHOV, VICE PRESIDENT, SMARTER CITIES EUROPE, IBM CORPORATION, SPAIN

Dr. Alexey Ershov is a Vice President at IBM responsible for Smarter Cities business in Europe. Since joining IBM in 2004, Alexey has been based in New York, Moscow, Shanghai, and Madrid. Prior to joining IBM, Alexey was a management consultant at McKinsey & Company and a research scientist at Harvard University. Alexey received a Bachelor's degree in Physics from Moscow Institute of Physics and Technology in 1996 and a Ph.D. degree in Elementary Particle Physics from Harvard University in 2001.

PETER FATELNIG, DEPUTY HEAD OF UNIT - NET INNOVATION, DG CONNECT, EUROPEAN COMMISSION

Peter Fatelnig is currently Deputy Head of Unit for 'Net Innovation' at the European Commission Directorate-General for Communications Networks, Content and Technology. A key initiative is the public-private partnership on the Future Internet, a Euro 300 million investment by the Commission to accelerate innovative Internet services in Europe. Furthermore, Peter is currently engaged in the Digital Entrepreneurship initiative, which aims at making Europe a more attractive place for innovation on the Internet and web-entrepreneurship. In his work he and his team follow research, innovation and policy developments in areas such as Internet of things, cloud computing and big data in view of their socio-economic dimension and their European and global implications. Prior to this position, Peter served as assistant to senior management and was involved in programme management when joining the European Commission back in 1998. Before joining the European Commission he worked on international assignments for the consulting firm American Management Systems, and earlier for the European Space Agency, then posted in the Netherlands. Peter holds a Master degree in Communication Engineering from the University of Technology in Graz, Austria.

DENIS GARDIN SENIOR VICE-PRESIDENT, HEAD OF NEW TECHNOLOGY VENTURES, AIRBUS GROUP CORPORATE TECHNICAL OFFICE, FRANCE

Denis Gardin is currently Senior Vice-President, Head of New Technology Ventures within Airbus Group Corporate Technical Office. In that position, he is in charge of identifying, launching and developing new business ventures built on key technologies and/or strategic technical capabilities developed in and out of Airbus Group. He is also leading Airbus Group Technology Licencing (www.technology-licensing.com), Testia (www.testia.com), and Apworks (www.apworks.de).

Prior to that position from 2009 till 2012, Denis Gardin participated to the launch of Airbus Group Cyber Security business as part of Airbus Defence and Space division and also managed its System Design Centre from 2009 till 2011.

Denis Gardin joined Airbus Group in 2003 as Chief of Staff of Airbus Group CEO.

Denis Gardin studied physics and engineering at the Ecole Normale Supérieure (Paris), at the Ecole des Mines de Paris, and holds a PhD in Physical Chemistry from the University of California at Berkeley (1989-1993).

JAY E. GILLETTE, FULBRIGHT-NOKIA DISTINGUISHED CHAIR IN INFORMATION AND COMMUNICATIONS TECHNOLOGIES, UNIVERSITY OF OULU, FINLAND; SENIOR RESEARCH FELLOW AND INSTITUTE SECRETARY, DIGITAL POLICY INSTITUTE, USA

Dr. Jay Edwin Gillette served as Fulbright-Nokia Distinguished Chair in Information and Communications Technologies at the University of Oulu, Finland 2014-2015. He shared appointments in the Department of Industrial Engineering and Management, the Department of Computer Science and Engineering, and the Center for Internet Excellence.

Dr. Gillette also is Professor of Information and Communication Sciences at Ball State University's Center for Information and Communication Sciences (CICS) in Indiana, USA. He is a Research Associate in its Applied Research Institute, and leads its Human Factors Institute as Director. He is a Senior Research Fellow and Institute Secretary at the university's Digital Policy Institute (DPI).

Dr. Gillette teaches and conducts research in the CICS graduate Center at Ball State University, with a focus on the interaction of humans and information and communication technologies (ICT). He is particularly interested in technology policy that aids economic and community development (ICT for ECD), in addition to his ICT technical work in Human Factors and User Experience engineering.

Dr. Gillette is a member of the Pacific Telecommunications Council (www.ptc.org), an international NGO for Pacific hemisphere telecommunications development. From 2004-2013 he was elected to its international Advisory Council, and served a two-year term as Chairman. He is also on the North American Steering Committee of the Global Forum, the international invited-conference often called "the Davos of IT." He is a Juror for the Intelligent Communities Forum (www.intelligentcommunity.org).

As a technology journalist, he has covered the Global Forum and PTC's Honolulu conferences as well as the associated Intelligent Communities Forum as a correspondent for Network World, USA's leading trade journal for enterprise networking, where his articles are widely available and reprinted worldwide by the IDG syndicate.

He has been a visiting professor at the University of Oxford. He also was Professor and Associate Chair of the Department of Information Networking and Telecommunications at Fort Hays State University in Kansas. Dr. Gillette served as a Senior Policy Fellow at the Docking Institute of Public Affairs in Kansas, and as a Senior Fellow of Information Technology and Telecommunications at the Center for the New West, in Colorado, with policy interests in regional broadband policies and technologies.

He worked at Bellcore (Bell Communications Research, now Telcordia Technologies) as Program Manager in its Information Networking Institute and as Senior Technical Planner and Senior Project Manager in its Information Management Services division. He was a member of the industry team that helped develop Carnegie Mellon University's graduate degree in Information Networking.

Earlier, Dr. Gillette was a professor of humanities and technical communication at the Colorado School of Mines. He also was an editor on the staff of the Mark Twain Papers at the Bancroft Library, University of California, Berkeley. He earned his graduate degrees in English at the University of California, Berkeley, and undergraduate in Literature at the University of California, San Diego. In addition to his work in the information economy, Dr. Gillette has research interests in the impact of the industrial revolution in global and American culture, and in Mark Twain's life and works.

JULIA GLIDDEN, MANAGING DIRECTOR, 21C CONSULTANCY, UNITED-KINGDOM

President & Founder of 21c Consultancy, Julia completed her D.Phil. in International Relations at Oxford University and is an internationally recognized expert on Digital Government. Dr Glidden is currently serving as an expert advisor to the United Nations on the 2016 eGoverment Readiness Survey and the European Commission on the new 2018/19 Horizon 2020 Programme. She is actively involved the European Commission's Smart City initiative, and is the founder of the pioneering EU project Citadel-on-the-Move which has helped over 140 cities across all six continents to open and use data. Julia is currently working with the British Standards Institute Smart Cities Working Group, BIM - which is developing Building Information Modelling standards for the global construction industry, W3C, the Open Data Institute and the Open Knowledge Foundation to help advance and promote practical bottom up open data standards.

An accomplished TedX speaker, Dr Glidden is regularly asked to speak on global ICT and innovation trends at forums around the world. She is a Senior Research Fellow at the Vrije Universiteit Brussel and an official EU project evaluator, and is regularly invited to participate in and Chair juries, including the Bahrain eGovernment Excellence Awards, the Issy Moulineaux World eGov Forum competition in France, and the Nordic-Baltic Region Innovation in eGovernment Competition in Stockholm. She has authored numerous articles on Digital Government, including a Council of Europe sponsored volume on eParticipation and a book chapter on Open Data & Smart Cities.

Prior to launching 21c Consultancy, Julia served as Managing Director for Accenture eDemocracy Services where she wrote and delivered majored IT proposals for countries ranging from the United Kingdom to the Philippines and as a Senior Vice President at the international communications firm Fleishman Hillard where she oversaw multi-million public affairs campaigns for clients including United Airlines and GE Capital.

ANNA GOMEZ, PARTNER & ATTORNEY AT LAW, WILEY REIN LLP, USA

Anna Gomez is a Partner in Wiley Rein's Telecom, Media & Technology practice group. Anna, former Deputy Assistant Secretary for Communications and Information for the National Telecommunications and Information Administration (NTIA) of the U.S. Department of Commerce (DOC), specializes in regulatory, policy, and transactional matters related to domestic and international telecommunications and unmanned aircraft systems.

LOUIS GRANBOULAN, CTO SENIOR EXPERT, AIRBUS GROUP INNOVATION, FRANCE

Louis Granboulan is Senior Expert Cybersecurity in Airbus Group Innovations. As such, he supports all Airbus Group Divisions in securing their products and their infrastructure. His main focus is on data protection, every aspect of it: cryptography of course (he has been academic researcher in cryptography) but also software obfuscation and data privacy. He likes to work on theoretical matters, and to write the software that implements the solutions. Louis has been member of various steering boards, scientific committees, and program committees, which helped him to understand the challenges of securing a complex, ubiquitous, and connected digital world. Recently, he has joined part-time IRT SystemX to help setup a collaborative platform that will allow unprecedented experiments on the cybersecurity of complex systems, and he will continue to bring together practitioners of various domains.

GIUSEPPE GRASSI, MD DIRECTOR CARDIOLOGY DEPARTMENT- VENICE HOSPITAL ULSS 12, ITALY

Specialist in Cardiology
Director of Cardiology Department –VENICE
Coordinator of Invasive Cardiology of ULSS 12 "Veneziana" –VENICE-MESTRE- ITALY
Main activities Coronary and Vascular Intervention, Structural Heart Disease.

STEPHANE GRUMBACH, RESEARCH DIRECTOR INRIA, FRANCE

Stéphane Grumbach, senior scientist at Inria, is a specialist of data. He has worked on complex data types, such as spatial, statistical, as well as biological data, and has designed a compression algorithm for DNA sequences. His main interests are targeted to topics at the intersection of disciplines. His currentresearch focuses on the disruptions of the digital revolution, particularly on intermediation platforms, which transform data to create new economic and societal means.

He is director of IXXI, the Complex Systems Institute at ENS Lyon, promoting cross-disciplinary research to address contemporary challenges, and heads the Dice research group from Inria devoted to the Economy of Data.

He has been strongly involved in international relations, has spent eight years in China, first as a diplomat and then in the Chinese Academy of Sciences, where he headed the Sino-European IT Lab, LIAMA. More on https://who.rocq.inria.fr/Stephane.Grumbach/

MARTTI HAHL, PRESIDENT, BARENTS CENTER FINLAND, FINLAND

Mr. Martti Hahl, M.Sc. Econ (Sweden)., native Finn. He had senior management positions with Volvo, Chrysler and Audi in Sweden and Finland. In 1993 he became Managing Director of Andréasson Public Relations, St. Petersburg, Russia. He bought it in 1995. The company, since called Promaco, has helped clients like Coca Cola, Western Union, Valmet, AvtoVaz, Nokian Tyres, YIT and Neste in Russia with strategic market communication and authorities' contacts in the Russian Federation until present. The company is still active and in the family ownership.

Martti Hahl was appointed in fall 2010 to head Barents Center Finland, jointly established by the Northern Finnish Cities and Counties.
BCF is the only organization in the Barents Euro Arctic area systematically gathering structured information on all tenders in Northern-Norway, Northern Sweden and North-West Russia, and doing it on a monthly basis. BCF works with the state authorities, ministries, regions and municipalities in the Barents area. BCF also lobbies relevant Barents area issues towards decision makers in the Barents area.

NIGEL HICKSON, VP, GLOBAL STAKEHOLDER ENGAGEMENT, EUROPE, ICANN

Nigel works out of the Geneva office as part of the Government Engagement Team. He is responsible for global engagement with the UN in Geneva, IGOs and other International organisations.

Nigel joined ICANN in 2012 and worked until 2014 as the VP for Global Stakeholder Engagement in Europe. He joined ICANN from the UK government; where he had served in a number of capacities for just fewer than 30 years. Latterly he had been responsible for a team dealing with international ICT issues; including Internet Governance.

JOHANNA IKÄVALKO, MINISTERIAL ADVISER, MINISTRY OF TRANSPORT AND COMMUNICATIONS, FINLAND

Johanna is a docent of marine biology. She dissertated in polar biology (Univ. of Helsinki, Finland) in 1997. For her thesis, she made careful studies of the composition of sea ice biota in the Arctic, Antarctic and the frozen Baltic Sea. As she continued her research career, she got more involved in studying e.g. effects of oil on sea ice biota. Johanna has made a substantial part of her sea ice research on ice breakers, i.e. RV/IB Polarstern, RV/IB Aurora Australis, RV/IB N.B. Palmer and RV Aranda, and lived abroad as a visiting scientist (Germany, Australia, US). Now, she is permanently based in Finland.

After her active period in polar research she has made career in e.g. science policy and research funding, incorporating private sector in marine protection, and developing environmental awareness in agriculture and forestry in Finland and the EU. During the past years, she has had a position as the head of marine research at the Finnish Meteorological Institute. Now, she has an occupation as a ministerial adviser at the Ministry of Transport and Communications. Here her fields of expertise cover e.g. oil spill prevention in ice covered seas, and bringing Finnish ice and cold climate knowhow and expertise to international awareness.

BASUKI YUSUF ISKANDAR, HEAD OF AGENCY FOR ICT R&D AND HUMAN RESOURCES DEVELOPMENT, MINISTRY OF COMMUNICATION AND INFORMATION TECHNOLOGY, REPUBLIC OF INDONESIA

Graduated from Bachelor Degree in Civil Engineering of the Faculty of Engineering of of the Gadjah Mada University, Yogyakarta, Indonesia and finished his Master and Philosophy Doctor from Vanderbilt University, Nashville - Tennessee, USA, majoring Interdisciplinary Study (Management of Technology), Basuki joined National Development Planning Agency of Government of Republic of Indonesia (GOI) in 1988. In the Agency, he was responsible and entitled as Director of Culture, Science and Technology (2002-2004) and as Director of Irrigation (2004-2005). He continued his public dedication in Ministry of Communication and Information Technology of GOI as Director General of Postal and Telecommunication (2005-2009), Secretary General (2009-2014), and Head of ICT R&D and Human Resources Development Agency (2014-to present). He is an active speaker in national and international scientific conferences and strategic public policy forums

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JUKKA JÄRVINEN, CHAIRMAN , SIX CITY STRATEGY STEERING GROUP, FINLAND

Currently the main responsibility of Mr. Järvinen is to manage the Economic Development Strategy Project Portfolio for the City of Tampere. He is also the municipal coordinator for the Six City Strategy in the City of Tampere.
Mr. Jukka Järvinen gained a Master of Architecture degree from Tampere University of Technology in 1990 and the degree of Licentiate of Technology in 1991 from the same University. Mr. Järvinen is member of Secreteriat of Regional Management Committee of Tampere Region and from April 2004 to December 2006 was a specialist member of the Regional Management Committee (RMC) of Tampere Region. From February 2002 to December 2006 Mr. Järvinen was, as a project director, responsible for the development of Hervanta -suburban area with EU-Objective 2 -funding. In the years 1996 to 2002 he worked as a CEO of an Architect Office Kaupunkiarkkitehdit and from 1989-2000 as a senior lecturer of urban planning in the Tampere University of Technology

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NITYA KARMAKAR, PHD, MQC, MACQUARIE UNIVERSITY, SYDNEY, AUSTRALIA

Nitya L. Karmakar earned his BSc (Hons), L.L.B, MSc and PhD. degrees in India. He obtained his Master of Computing-Information Technology (M.Comp-IT) from the University of Western Sydney, Nepean; Graduate Diploma in Adult Education (GradDipAdultEd), Master of Science in Computing (M.Sc) and Master of Business Administration (MBA) from the University of Technology, Sydney, Australia. Currently he is teaching a post-graduate unit:Accounting Information Systems at the Macquarie City College(MQC), Macquarie University of Sydney, Australia. He is also engaged inteaching undergraduate, postgraduate programs at Curtin University Sydney (CUS) as well as Kaplan Business School (KBS) Sydney.
Dr. Karmakar had been visiting Professor of Information Systems in the Joseph L. Rotman School of Management, University of Toronto, Canada and at the International College of Business and Technology Colombo. He had worked as post-doctoral research fellow at the University of Kiel, Germany, DeutschesElektronen Synchrotron, DESY, University of Hamburg, Germany, European Council of Nuclear Research (CERN), Geneva, Switzerland, Argonne National Laboratory, Illinois, U.S.A and the Abdus Salam International Centre for Theoretical Physics (ICTP), International Atomic Energy Agency (IAEA) and the United Nations Educational, Scientific and Cultural Organization (UNESCO), Trieste Italy.
He is regularly invited as a speaker and participated in seminars and workshops in various countries such as Australia, Canada, Finland, Germany, Greece, Hong Kong, India, Italy, New Zealand, Poland, Portugal, South

Africa, Sri Lanka, Thailand, Turkey, and Russia. He has published widely in journals and conference proceedings. Dr. Karmakar has been examiner for PhD theses on several occasions from Indian and European universities and acted as reviewer and committee member for a number of US & Europe based international conferences.

In a nutshell, following are some of the recent global recognitions:

- Invited Speaker*: "Technology, Knowledge and Innovation: Keys for Human and Economic Developments"* 102nd Indian Science Congress, Mumbai University*, India, 3-7 January 2*015

- Ph.D Thesis Examiner in Management: The Department of Management and Humanities, SantLongowal Institute of Engineering and Technology, Punjab, India, entitled *"Awareness and satisfaction level for welfare measures among workers: A study of cotton textile industry in Punjab"* April 2015.
- Program Chair: Multi-Disciplinary Academic International Conference organised by Intellectbase International Consortium, Las Vegas, NV- USA during December 17-19, 2014
- Conference Co-Chair: Intellectbase International Consortium Multi-Disciplinary Academic Conference, Atlanta, GA- USA, 16-18 October, 2014
- Keynote Speaker: "Ethics in Procurement: A Milestone for creating a transparent Business Environment", Global Forum 2013: 28-29 October, Trieste, Italy, SETTING THE DIGITAL FUTURE: Challenges & Opportunities for Citizens & Businesses

Co-editor, Member of the **Executive Editorial Board (**RTP**)** as well as **Reviewer Task Panel** (EEB)

- ✓ *Proceedings of Intellecbase International Consortium:* International Handbook of Academic Research and Teaching(Volume 38) , February 20-22, 2015, Fort Lauderdale, FL, USA
- ✓ *Proceedings of Intellecbase International Consortium:* International Handbook of Academic Research and Teaching(Volume 37) , December 17-19, 2014, Las Vegas, NV, USA
- ✓ *Proceedings of Intellecbase International Consortium:* International Handbook of Academic Research and Teaching(Volume 33), San Antonio, TX,USA April 17-19, 2014

TIMO KATAJISTO, EXECUTIVE VICE PRESIDENT, ELISA CORPORATE CUSTOMERS; MEMBER OF THE EXECUTIVE BOARD OF ELISA, FINLAND

Timo Katajisto has 17 years of experience at Nokia in the field of sourcing, manufacturing, distribution, services and business management. Now with his 7 years of experience from carrier service field at Finnish market leader Elisa, he clearly represents a unique competence and experience set. This combined with M.Sc. in technology focused to industrial engineering and management, makes him a true business professional with good balance between broad strategic thinking as well as operative management and leadership skills. As a person he is an innovative team player with determination to continuously drive for a perfection. In his current role at Elisa, Timo Katajisto is responsible for Corporate Customers business unit, which represent roughly 40 % share of company's total revenue. Digitalization is a major theme for all industries and he is widely making presentations and consulting different players for the opportunities it will bring for us but also in a balanced manner delivering a message for the threats it will lay down as well. He has over 1000 employees within his organization as of current.

Key employment history: Member of the Executive Board of Elisa from 2008 to 2014, Production Unit. Member of the Executive Board of Nokia Siemens Networks in 2007, Strategic Projects and Quality. Member of the Executive Board of Nokia Networks from 2005 to 2007, Production and Network Installation. Various positions in Nokia Networks and its predecessor Nokia Telecommunications from 1992 to 2005.

HUGO KERSCHOT, MANAGING DIRECTOR IS-PRACTICE, BELGIUM

Hugo Kerschot is founder and Managing Director of the program management office "IS-practice". (www.is-practice.eu). IS-practice is based in Brussels, Belgium and delivers project management and high-level advice for major projects within the international and national public sector in the broader field of the Information Society. The goal is to bring together specialized parties for ambitious research and consultancy projects.
Hugo Kerschot, whose years of experience in both the private and the public sector will be valuable for companies and organizations that wish to realise projects in a multidisciplinary setting within the framework of the European Information Society. Hugo Kerschot has more than 20 years of experience in communication, IT, consultancy and project management and with IS-practice an international network of expertise in eGovernment, Smart City, Open Data, electronic identity and privacy, Renewable Energy policy matters…

Hugo Kerschot is Master in Communication Sciences (University of Leuven, Faculty of Social Sciences). After a career in the financial sector (internal and external communication), he launched in 1995 the first Belgium public service website in his function as Director of Information of the Services of the Belgian Prime Minister. After passing through a number of Internet start-up companies he developed for the European Commission as a Capgemini consultant, the web-based survey on Electronic Public Services, the European reference on eGovernment status measuring. In 2004 he became managing partner in Indigov, a spin-off of the University of Leuven and research and consulting bureau specialized in eGovernment, adoption of new media and evaluation of interactive communication. Hugo is a regularly demanded speaker on international conferences concerning the Information Society and manages at this moment a number of European research and innovation projects such as ECIM, OpenTransportNet and MAGHRENOV… in the sector of Smart Mobility, Open Data and Smart Energy.

HARRI KOPOLA, VICE-PRESIDENT RESEARCH, KNOWLEDGE INTENSIVE PRODUCTS AND SERVICES, VTT, FINLAND

Professor Harri Kopola is the Vice President Research in Knowlegde Intensive Products and Services Business Area at VTT Technical Research Centre of Finland Ltd. He is responsible of research strategy and research portfolio of technology areas covering digital systems and services, communication systems, microsystems, intelligent sensor systems, metrology, printed and hybrid functionalities, and health. He received Diploma in Engineering, Licentiate of Technology, and Doctor of Technology degrees in electrical engineering from the University of Oulu. In 1989 he was a postdoctoral fellow at the University of Ottawa and NRC, Canada. From 1990 to 1995 he was servicing the University of Oulu as a chief assistant, associate professor, and professor in electronics. He took 1995 the position as the research professor in optoelectronics at VTT, followed by positions of responsible head of optoelectronics research, research director at VTT Electronics, research director in microtechnologies and electronics research and current position as VP Research since January 1st 2014. As special initiative he was leading a new VTT spearhead program 'Center for Printed Intelligence' from August 2006 to December 2009. He had his expat period as a visiting professor 4 months at the University of Tokyo, Institute of Industrial Science from September to December 2012, and 8 months at the University of California Berkeley from January to August 2013.

MIKKO KOSONEN, PRESIDENT, SITRA - FINNISH INNOVATION FUND, FINLAND

Mikko Kosonen is President of the Finnish Innovation Fund (Sitra) since 2008. Previously he was employed by Nokia for over 20 years. He is a member of several Boards. Kosonen has a PhD in International Business from the Helsinki School of Economics and he has received Honorary Professorship of Budapest Business School. He has published several books and articles on strategic management

VICTOR KYALO, CHIEF EXECUTIVE OFFICER,ICT AUTHORITY, KENYA

He previously served as the Acting CEO of the Authority and earlier on as the Program Manager in charge of World Bank, Kenya Transparency and Communications Infrastructure Project (KTCIP) at the former Kenya ICT Board.

He was a long term faculty member of the University of Nairobi where he was instrumental in the development of communication network courses as well as in the setting up of communication labs in the Faculty. Victor was also involved in a number of communication networks including working in the pioneering processes of Internet in Kenya (ARCC &Kenyaweb). He has participated in several Government of Kenya ICT projects as an ICT infrastructure consultant in the telecommunication and education sectors.

His focus is on the deployment of communication technologies and services targeted at providing effective delivery mechanisms and processes in learning and teaching. Apart from systems design and implementation, his key interests are in the selection, measurements, and management of technology solutions, aiming at enabling an enterprise to optimize the return on its investment.

He holds a BSc (Hons.) in Electrical Engineering from the University of Nairobi and is a Philips International Institute Fellow.

LATIF LADID, FOUNDER & PRESIDENT, IPV6 FORUM; CHAIR, 5G WORLD ALLIANCE, LUXEMBURG

- Founder & President, IPv6 FORUM (www.ipv6forum.com)
- Chair, 5G World Alliance (http://www.5gworldalliance.org/)
- Chair, IEEE COMSOC IoT subCommittee (http://committees.comsoc.org/IoT)
- Chair, IEEE COMSOC 5G subCommit http://committees.comsoc.org/5gmwi
- Convener, ETSI IPv6 ISG (http://portal.etsi.org/tb.aspx?tbid=827&SubTB=827)
- Co-Chair, IEEE COMSOC SDN-NFV subCommittee
- Emeritus Trustee, Internet Society - ISOC (www.isoc.org)
- IPv6 Ready Logo Program Board (www.ipv6ready.org)
- Research Fellow @ SnT - University of Luxembourg on multiple European Commission Next Generation Technologies IST Projects
- *Member of 3GPP PCG (www.3gpp.org)*
- *Member of 3GPP2 PCG (www.3gpp2.org)*
- *Member of UN Strategy Council GAID*
- *Member of the Future Internet Forum for   Member States*
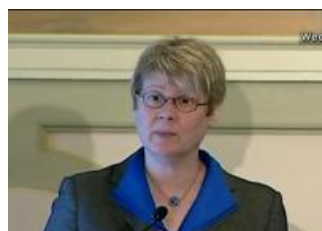http://ec.europa.eu/information_society/activities/foi/lead/fif/index_en.htm
 - *Board member of WSA http://www.wsis-award.org/index.wbp*

KARI LAINE, DIRECTOR, THULE INSTITUTE; VICE PRESIDENT OF RESEARCH UNIVERSITY OF THE ARCTIC, FINLAND

Professor Kari Laine is the director of the Thule Institute and Vice President of Research in the University of the Arctic. He has a PhD in Botany and Plant Ecology, and has previously worked as a scientific director in the focus area of Environmental Science and Technology. His areas of expertise are environmental ecology and ecological problems in the north, including Global Change aspects. In his research, Kari Laine focuses on issues around northern ecosystems and their vulnerability, especially in regard to environmental changes with a multidisciplinary approach. He is also a member of the executive board of the Arctic Centre, University of Lapland, and a board member in the Committee for Polar Issues Finland, the Finnish Environment Institute (SYKE) and the committee for UNESCO scientific programmes. He is a representative of Finland in the International Arctic Science Committee (IASC), as well as the European Polar Board (EPB). He is the vice president of research and a member of the steering committee for the University of the Arctic and leads its Thematic Networks office.

ADRIANE LAPOINTE, SENIOR POLICY ADVISOR, US DEPARTMENT OFFICE OF COMMUNICATIONS AND INFORMATION POLICY, USA

Adriane LAPOINTE is a senior policy advisor in the State Department Office of Communications and Information Policy. She served previously in the State Department Office of the Cyber Coordinator, where her responsibilities included cybersecurity, capacity building, and internet governance. Before joining State, she represented the White House on the U.S. Delegation to the World Conference on International Telecommunications (WCIT), and spent time as a Visiting Fellow in the Technology and Public Policy Program at the Center for Strategic and International Studies (CSIS) in Washington, D.C. While at CSIS, she published papers on oversight/authorities for cybersecurity, on cybersecurity and privacy, and on the role of metaphor in the shaping of cyber policy. Dr. Lapointe is currently on a detail from the National Security Agency, where she served previously as the Chief of Policy, Oversight, and Compliance in the NSA/CSS Threat Operations Center (NTOC), lead for information sharing and technology policy in the Corporate Policy Office, and on the staffs of the Chief Financial Manager and Agency Director. Prior to joining the U.S. Government, Dr. Lapointe was an assistant professor of English at Auburn University and Director of Freshman Writing at Troy University; she has also been an adjunct professor at the University of Maryland School
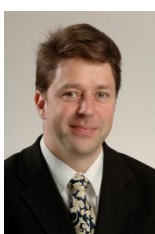
of Public Policy. Dr. Lapointe has an undergraduate degree from Emory University and received her Ph.D from the University of Chicago.

ANTTI LARSIO, SENIOR ADVISOR, SITRA, FINNISH INNOVATION FUND, FINLAND

Mr Antti Larsio (M.Sc, Tech – applied electronics, telecommunication, medical engineering). Since 2014 mr. Larsio has worked at Sitra, The Finnish Innovation Fund, as a senior advisor focusing on information and communication technology and on digital transformation of a modern society. Previously he has worked e.g. as a National Techonology Officer at Microsoft, and as a Director of Information Management and Medical Engineering (CIO) at Hospital District of Helsinki and Uusimaa. Before that he worked at Sonera Group as CIO and later for TeliaSonera Corporation, largest teleoperator in the Nordics, as an IT Director.

MATTI LATVA-AHO, CHAIR PROFESSOR DEPARTMENT OF DIGITAL TRANSMISSION TECHNIQUES, UNIVERSITY OF OULU, FINLAND

Matti Latva-aho was born in Kuivaniemi, Finland in 1968. He received the M.Sc., Lic.Tech. and Dr. Tech (Hons.) degrees in Electrical Engineering from the University of Oulu, Finland in 1992, 1996 and 1998, respectively. From 1992 to 1993, he was a Research Engineer at Nokia Mobile Phones, Oulu, Finland. During the years 1994 - 1998 he was a Research Scientist at Telecommunication Laboratory and Centre for Wireless Communications at the University of Oulu. Currently he is the Department Chair Professor of Digital Transmission Techniques at the University of Oulu, Department for Communications Engineering. Prof. Latva-aho was Director of Centre for Wireless Communications (CWC) at the University of Oulu during the years 1998-2006 and Head of Department until August 2014. His research interests are related to mobile broadband communication systems and currently his group focuses on 5G systems research. Prof. Latva-aho has published 300 conference or journal papers in the field of wireless communications. He has been TPC Chairman for PIMRC'06, TPC Co-Chairman for ChinaCom'07 and General Chairman for WPMC'08, CROWNCOM'14 and 5GU'14. He acted as the Chairman and vice-chairman of IEEE Communications Finland Chapter in 2000 – 2003.

SAMUEL LAURINKARI, SENIOR MANAGER EU GOVERNMENT RELATIONS, EBAY INC., BELGIUM

Samuel Laurinkari deals primarily with EU policies impacting eBay and its users, such as e-Commerce legislation, IP, consumer policy, competition policy, and cross-border trade policy.
Prior to joining eBay, Samuel worked in government relations for LVMH Moët Hennessy Louis Vuitton and as a consultant for FTI Consulting.
Samuel grew up in Finland and Germany and studied European law at Maastricht University in the Netherlands.

MIKA LAUTANALA, EXECUTIVE DIRECTOR, SMART LIVING, TEKES – FINNISH FUNDING AGENCY FOR INNOVATION, FINLAND

Executive Director at Tekes
Mr.Mika Lautanala is in charge of Tekes programmes within smart living theme, which includes digitalization, new business ecosystems and market access. There are currently eight ongoing programmes within these themes. The Tekes programmes and initiatives are topical entities targeted at financial and expert service areas. Within the programmes and initiatives, businesses and public research units can develop new know-how, build networks and have an impact on the development of their field.

About Tekes http://www.tekes.fi/en/

Tekes is the main public funding organisation for research, development and innovation in Finland. Tekes, under the Finnish Ministry of Employment and the Economy, is responsible for funding projects in companies, universities and research institutes of various fields of R&D&I

Professional background

- **Tekes,** 1996 to 2012 and 2014 to present: Various director, manager and adviser positions
- **Ministry of Employment and the Economy,** 2012 to 2015, Director, industrial restructuring
- **VTT Building Technology** 1991 to 1996: Research scientist
- **Helsinki University of Technology** 1989 to 1991: Research Scientist
- **VTT Laboratory of Concrete technology,** 1987 to 1991: Research scientist

Education & Credentials

Licentiate of Technology, Civ. Eng., Helsinki University of Technology, Building Technology; Master of Science, Civ. Eng., Helsinki University of Technology, Structural mechanics

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ERIC LEGALE, MANAGING DIRECTOR OF ISSY MÉDIA, CITY OF ISSY-LES-MOULINEAUX, FRANCE

Eric Legale is Managing Director of Issy Média, a public-private company in charge of the communication and the Information Technologies within the city of Issy-les-Moulineaux. Prior to joining Issy Média in 1998, he was chief of staff of the Mayor's office.

He is co-ordinating the ICT-projects of Issy-les-Moulineaux since 1995 and represents the City of Issy-les-Moulineaux in European co-operation projects related to ICT.

Since 2012 he leads the SO Digital Network (Seine West Digital), the digital agency of the West conurbation Greater Paris (including the towns of Boulogne-Billancourt, Chaville, Issy-les-Moulineaux, Marne-la -Coquette, Meudon, Sèvres, Vanves and Ville d'Avray) its missions is to enhance the innovation hub of West Paris, to experiment new services within the citizens and to sensitize local communities to the challenges of the digital revolution."

SEBASTIEN LEVY, VICE PRESIDENT GLOBAL FORUM/SHAPING THE FUTURE, PARTNER ITEMS INTERNATIONAL & ADMINISTRATOR NUMA, FRANCE

Sebastien Lévy is senior consultant and associated partner of ITEMS International, a France-based consultancy. He is specialized in Information and Communication Technologies and has worked as an expert consultant and ICT advisor for various local governments in France and in Europe. He has also contributed to the development and deployment of several e-Government and e-Democracy applications and services. Being involved in multiple national and European ICT projects and studies focusing on ICT, Sebastian Lévy is working as independent advisor on electronic voting for the French Ministry of the Interior from 2002 to 2010.

Since 2006, he has worked on the Living Labs concept & he is member of the Open Innovation Strategy & Policy Group initiated by the EC.

Sebastien is Vice President of E.N.S.A. (European Education New Society Association) since 1997.

Sébastien Lévy is also Vice President of the Global Forum.

Career Summary: Chemical Engineer; IBM Commercial Engineer; Data Manager of a Data Processing Service Company; 1973 - 1992: Vice President for Europe of the Edutronics Corporation US; President of Eduvision, a pioneer company and a French leader in Multimedia Development, Digital Image Expertise and Publisher of Educational Multimedia Supports. Since 1993: Information & Communication Technologies Expert-Consultant.

SUVI LINDÉN CHAIRPERSON FOR THE BOARD OF NXTVN FINLAND AND VICE CHAIR FOR NXTVN GROUP, FINLAND

Suvi Lindén was Finland's Minister of Communications responsible for media and telecommunications in 2007-2011. She was previously Minister of Culture, Youth and Sport, 1999-2002. Ms Lindén was Member of Parliament 1995-2011

She is the Chairperson for the Board of NxtVn Finland and Vice Chair for NxtVn Group. She acted as ITU´s Special Envoy for the Broadband Commission for Digital Development and was also Member of the Broadband Commission 2010-2015. She is Member of Advisory Board of SocialEco Ltd and Advisor for Broadband Innovation Fund. Wytec International Inc has invited her to be their Advisor for International Governmental Affairs.

The Intelligent Community Forum, a New York-based think tank named her as its "Visionary of the Year for 2011" for her commitment to ensuring affordable broadband access to every citizen in Finland.

She holds positions of trust in a number of organizations.

She has been Member of the Oulu City Council since 1989.

PAAVO LIPPONEN, FINLAND FORMER PRIME MINISTER, FINLAND

Paavo Lipponen, born in Turtola, Finland, in 1941, studied American literature and philosophy at Dartmouth College, USA, and took his MA in political science and social psychology at the University of Helsinki. He served as International Secretary and Head of Political Department of the Finnish Social Democratic Party 1967-1979, and as Secretary to the Prime Minister Dr. Mauno Koivisto 1979-1982. He was Director of the Finnish Institute of International Affairs 1989-1991.

Lipponen was Member of Parliament 1983-1987 and 1991-2007. Having been elected Chairman of the Social Democratic Party in 1993 he became Prime Minister for two terms 1995-2003 and Speaker of Parliament 2003-2007. Lipponen is Chairman of two consulting companies, Cosmopolis Oy and Protagon Consulting Oy. He has published six books, including a recent essay book in Germany, and a report "Strategic Vision for the North" to the Confederation of Finnish Industries.

MARKKU MARKKULA, PRESIDENT, COMMITTEE OF THE REGIONS (COR), EUROPEAN UNION

Markku Markkula was elected President of the European Committee of the Regions (CoR) in February 2015 for a two and a half year term of office.

Since joining the CoR in 2010 he has held several influential positions such as the first Vice-Chair of the CoR's EPP Group and Chair of the CoR's EPP Task Force on Europe 2020. He was the CoR's rapporteur in the field of innovation for subjects including: "The digital agenda for Europe", "The role of local and regional authorities in achieving the objectives of the Europe 2020 strategy", "Enhancing and focusing EU international cooperation in research and innovation", "Horizon 2020", "Better governance for the single market", "Closing the innovation divide", "Creation of high-tech start-up ecosystems", and "The industrial policy package". He has also been a member of several High Level Expert Groups, such as the EU Smart Specialisation Mirror Group.

Mr Markkula is a former member of the Finnish Parliament (1995-2003). During his time as MP he served as a member of two permanent parliamentary committees: The Committee for Science, Education and Culture, and The Committee for the Future. As an MP his international role included the Presidency of EPTA Council, European Parliamentary Technology Assessment Network.

Mr Markkula works at Aalto University as the Advisor to Aalto Presidents, where his focus is on European Union research, innovation and education policy affairs. His previous work experience includes being the Director of the Lifelong Learning Institute Dipoli and the Secretary General of the International Association for Continuing Engineering Education (IACEE).

In Finland his roles have included memberships in the boards of several companies and other organizations, among them Tekes, the Finnish Funding Agency for Innovation and Technology. He has also served the Finnish society as the Chairman of the boards of the Finnish Association of Graduate Engineers TEK (1993-2005) and the Finnish Information Society Development Centre TIEKE (2000-2011). He is currently a Member of the Board of the Helsinki Regional Council and the Chairman of the Espoo City Planning Board.

As a tribute to his achievements, he was elected to the International Adult and Continuing Education Hall of Fame in 2008.

NEZAR MAROOF, DIRECTOR OF STRATEGY, BUSINESS PROCESS REENGINEERING & ENTERPRISE PARTNERSHIP BAHRAIN EGOVERNMENT AUTHORITY, KINGDOM OF BAHRAIN

Mr. Maroof has held several executive positions at a number of public and private sector institutions during his distinguished career. Currently, He is the Director of Strategy and BPR & Enterprise Partnership at Bahrain eGovernment Authority. His main responsibilities include an effective run for the National Strategy of eGovernment program. Moreover; Mr. Maroof also managing the International partnership between the Authority and International organizations such as UN-DESA, ITU, GCC-EU Scientific Networks.

Prior to his current position, he was a diplomat with Ministry of Foreign Affairs and then Director of IT and Information Systems at the Ministry of Cabinet Affairs.

Mr. Maroof is a specialist in Information and Communications Technology (ICT) strategy, having managed a number of strategic projects in Bahrain and other GCC states. He holds a Master's Degree in Information Security from George Washington University, USA.

In addition to his ICT experience, Mr. Maroof has extensive involvement in the media, contributing many technical pieces to various publications. He is currently the Editor of "e", a publication issued by the eGovernment Authority in Bahrain and a regular columnist in local newspapers. Moreover, He is a co-author of 2 Books about the Internet and Cyber world.

He has also served as General Secretary of the Bahrain Information Technology Society (BITS) for two boards.

JEREMY MILLARD, ADVISER INNOVATIVE PUBLIC SERVICES FOR SUSTAINABLE DEVELOPMENT FOR THE UN, DENMARK

Jeremy Millard is Senior Policy Advisor at the Danish Technological Institute, Senior Research Fellow at Brunel University (London) and Director of the non-profit consultancy Third Millennium Governance. He has forty years' global experience working with governments, development agencies, and private and civil sectors in all parts of the world. In the last twenty years he has focused on how new technical and organisational innovations transform government and the public sector, the economy and business, as well as impact societal cohesion, spatial development and cities. Recent and current assignments include leading the FP7TEPSIE project on social innovation, working on the FP7 SI-DRIVE project with responsibility for a global survey of how social and frugal innovation can tackle poverty and promote sustainable development, member and rapporteur of DG Research's Advisory Group on Inclusive, Innovative and Reflective Societies preparing the H2020 work programmes for 2016-17 and 2018-19, and a member of DG GROW's Digital Entrepreneurship Policy Forum. Jeremy has also worked for many years with the OECD on digital government and public sector innovation, as well as with the United Nations as an on-going expert on their biennial eGovernment survey, preparing a recent report on Governance, Public Administration and ICT for Post-2015 Development, and a current report on Innovating Public Service Delivery for Sustainable Development.

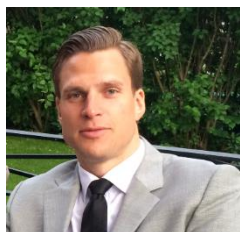**DESIREE MILOSHEVIC, SENIOR PUBLIC POLICY AND INTERNATIONAL AFFAIRS ADVISER, AFILIAS, IRELAND**

Desiree Miloshevic is a Senior Public Policy and International Affairs Adviser at Afilias plc, a global leader in Internet infrastructure and domain name registry services.
She currently serves on the Board of Trustees of the Internet Society (2013-2016;).
She is active within organisations such as ICANN and RIRs that develop global policies for management of unique internet resources such as names and numbers.
Ms Miloshevic served as Special Adviser to the Chair of the UN Internet Governance Forum Multi-Stakeholder Advisory Group (2006-2009), Board member of Computer Professionals for Social Responsibility CSPR (2004-2010), and ICANN EURALO Board member (2007-present).

Her decade-plus of close and productive interactions with regulators, intergovernmental leaders, academics, artists, and community activists throughout the world provide her with a unique set of resources with which to engage the often complex, cross-sectoral challenges of Internet technical coordination and governance

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STEFFEN NERDAL, CHIEF STRATEGIC OFFICER, ASCELLA AS, NORWAY

Mr. Nerdal is educated in strategic management and finance from the University of Memphis, and also holds a M.Sc. in Business and Economics from Norwegian Business School in Oslo. His main areas of expertise are strategic management, change management and business development. Mr. Nerdal has worked as country manager/team leader at Investtech, a financial advisory company, analyzing stocks, indices and commodities on a worldwide basis. He has been the chief strategic officer at Ascella for 6 months, and works with the development and growth of the company, hence mainly the internationalization of SmartDok. Mr. Nerdal is born in 1985, and is a native of Bergen.

STIG NERDAL, CEO, TRANSPORTUTVIKLING AS, NORWAY

He is educated as Master of Science in Business, with additional education within political Science.
He is the CEO of the Norwegian Consultancy firm Transportutvikling AS.
He has held various management positions within private and governmental organizations.
Prior to consultancy business he has been working as Director of Finance and C.E.O. in a Norwegian shipping line, and senior adviser for the International Union of Railways (UIC), Paris, where he was responsible for UIC's global transportation projects and transport corridors. He has been chairman/member of several boards of directors, nationally and internationally.
At present he is involved in several projects and positions where logistics and business development in the High North is on the agenda, including the project management for the Arctic Maritime Cluster in Norway.

KLAUS NIEMINEN, COMMUNICATIONS NETWORK SPECIALIST, FINNISH COMMUNICATIONS REGULATORY AUTHORITY (FICORA), FINLAND

Klaus Nieminen is a seasoned expert with 13 years of experience in the fields of soft regulation, technical regulation and standardization. He has been responsible in FICORA for overall development of technical regulations and chairing the work on how new IP- and ICT-services should be regulated. Mr. Nieminen has also been chairing multiple national working groups that were formed to develop new best practices and recommendations from technical network and interconnection specifications to new service models and procedures between different telecommunication operators. He has also been developing the broadband 2015 project and universal service for broadband and disabled users.

Currently Mr. Nieminen is responsible for the technical regulations regarding network neutrality, quality of service, interworking and in-building communications networks. He is chairing the Finnish IPv6 task force. Klaus Nieminen is responsible for national and European (ETSI) standardization activities in telecommunications. He is also participating actively on European co-operation between different national regulatory authorities in BEREC.

EIKAZU NIWANO, PRODUCER AND DIRECTOR OF PRODUCE GROUP, R&D PLANNING DEPARTMENT, NTT CORPORATION, JAPAN

Mr. Niwano currently serves as a Producer and Director of Produce Group in the R&D Planning Department, one of cooperate strategy departments, NTT Corporation. He heads up e-Government, secure device and smart cities all over NTT Group companies.

Since he joined NTT Corporation in 1989, he has leaded research and development projects on distributed system architecture for messaging, agent, smart card, eGovernment as chief architect and is currently senior research engineer, supervisor in NTT Laboratories also.

Prior to current role, Mr. Niwano was General Manager of Europe Office, Information Sharing Laboratory Group of NTT Laboratories which was located in Paris, where he was involved in a number of European and international standardization activities.

Mr. Niwano has been a member of ISO/IEC SC17. He was the editor of eEurope/Smart Card Charter/TB7/WG4 (multi-application architecture) and a member of the CEN e-Authentication Workshop, and the CEN TC224 WG 15.

He is additionally a Fellow, Board of Directors in NICSS (Next generation Ic Card System Study group). He also has served on the GlobalPlatform Board of Directors since 2005 and is the Chair of Japan Task Force.

Mr. Niwano is a member of Common ID Utilization SWG of the Council for the Promotion of ICT Town Planning, Ministry of Internal Affairs and Communications Japan, and was a member of Evaluation Committee of the Programs for the Promotion of ICT Town Planning for Mitaka City.

EVGENY OBRAZCOV, HEAD OF RESEARCH AND DEVELOPMENT LABORATORY, ATOMPROEKT, RUSSIA

Responsibilities: computer modelling of nuclear power plants, specific software and mathematical models development, NPP design solutions justifications.

Education
- 2005 - PhD in Physics of condensed matter. *Thesis title: 'Optical Properties of a Hard Sphere Suspension'.*
- 2000, 2002 - Bachelor and Master of Science with honours in Theoretical and mathematical physics at St. Petersburg State University, Department of Physics, Section of Statistical Physics.

Professional experience
- 1999-2006 - Part-time teacher of mathematics and physics at Gymnasium 261, St. Petersburg;
- 2002-2006 - Part-time teacher of IT and programming at Institute for Foreign Economic Relations, Economics and Law (IVESEP), St. Petersburg;
- 2006-2007 - Postdoctoral fellowship at the FOM Institute for Atomic and Molecular Physics (AMOLF), Amsterdam;
- 2007-2007 - Assistant professor of IT and programming at Institute for Foreign Economic Relations, Economics and Law (IVESEP), St. Petersburg;
- 2007-2009 – Scientist, then senior scientist at JSC "ATOMENERGOPROEKT";
- 2009 - current - head of research and development laboratory at JSC "ATOMPROEKT" (the same company but with the new name after rebrending in 2014).

Publications, Conferences and Meetings
- About 12 publications in different areas;
- Participation in many different conferences and meetings on modelling and design of nuclear power plant.

SIRPA OJALA, CEO M-BRAIN GROUP, FINLAND

Mrs. Sirpa Ojala has been the CEO of M-Brain Group since March 2015. M-Brain is a global information, technology and consulting services company helping its clients to turn external market information into actionable insights for daily decision-making and strategic planning.

Sirpa Ojala has over 20 year's extensive experience in Executive management positions in the European companies mainly in Finland and in Estonia both as a CEO and a member of the Board of Directors. She has also actively developed the business environment in ICT and Broadcasting industries as a member of Finnish and European associations. Digitalization and Internationalization have been key words in her business approach.

Sirpa Ojala is recognized as a visionary representing fair business culture, active networking, quick decision making and motivating leadership and management style.

The past working experience before M-Brain consists of 8/2005-1/2015 in Digita Oy as CEO and the member of the Board (10/2012-1/2015). Digita was transformed during that time from a monopolistic, analogue technologies based television and radio network operator to a business driven entity to be able to meet successfully the

digitalization and fierce competition. Digita has now new business sectors, it has won International projects, faced significant performance improvements and got a well-recognized position as a technical and business model fore-runner in the European broadcasting industry.

Before her Digita CEO position Sirpa was in 6/1999−7/2005 in Digita Oy, Vice President Broadcasting, 11/1997−03/1999 in Interinfo Finland Oy (subsidiary of Sonera) as a CEO and the Chairman of the Board in three Baltic subsidiaries and 8/1995−10/1997 in UPO Kodumasinate Balti AS (subsidiary of Asko Appliances) as a CEO and at the same time in Asko Appliances Oy as Vice President, Sales and Marketing in the Baltic Countries and in Russia.

Sirpa Ojala has the M.Sc. (Eng.) degree from Lappeenranta University of Technology.

VAINO OLEV, IT DIRECTOR, CITY OF TALLINN, ESTONIA

Currently, I am working as IT director of Tallinn City. Also I am a member of Estonian State Information Society Council. In 2012 I was elected to chair EUROCITIES Knowledge Society Forum (KSF) Workgroup on Cyber Security.

In 2008 Tallinn City was elected to chair KSF. During 2009–2010 I was assigned to carry responsibilities of Technical Chair of KSF.

From 2011 I am elected board member of The Intelligent Community Forum Foundation (http://www.icf-foundation.org/?).

Amongst others I am part-time lector of State Information Systems syllabus in Estonian Business School.

JUHA PALVE, VP CUSTOMER SOLUTIONS, KNOWLEDGE INTENSIVE PRODUCTS AND SERVICES, VTT TECHNICAL RESEARCH CENTRE OF FINLAND LTD, FINLAND

Mr Juha Palve (MSc, Tech.) received his MSc degree in electrical engineering from the Tampere University of Technology in 1985. During 1984-1987 he worked as a development engineer and development manager in RoiboxOy (Kuopio, Finland) developing web inspection systems for the paper industry. Between 1987 and 1992 he worked as a clinical engineer in Kuopio University Hospital. The next thirteen years (1992-2005) Juha Palve worked in a chain of companies that finally became part of Honeywell in 1997. His duties included various marketing, customer support, development management, service management, and general management positions in measurement and automation business for pulp, paper and printing industry. Juha Palve joined VTT Technical Research Centre of Finland in 2005 as a customer manager for electronics industry and the site manager of VTT Kuopio subsidiary. Since September 2009 he has been working as Vice President at Business Solutions with the responsibility of sales and marketing of VTT's commercial services for the electronics and later also for the ICT sectors. As a part of the VTT reorganization in the beginning of 2014 Juha Palve assumed the role of VP Customer Solutions in one of the three Business Areas, Knowledge Intensive Products and Services.

MATTI PENNANEN, MAYOR OF OULU, FINLAND

Mr Matti Pennanen (M.Sc, Civil Engineer)

Mr Matti Pennanen, Mayor of Oulu, is born and educated in Oulu. Northern Finland and its environment have always provided a strong foundation and lasting values for his life.

After studying Engineering in the University of Oulu, Department of Construction Engineering, he started his career in the field of contructing. Mr Pennanen's 20-year experience in the business sector and nine years spent abroad (Norway, Iraq, Kuwait, Russian) have taught him to appreciate and understand different cultures and ways of life. His various positions has been with Palmberg-Rakennus Ltd and YIT Corporation Ltd in Finland and abroad. He served as a Director of Technopolis PLC since March 2005 until March 25, 2014

Mr. Pennanen entered the City of Oulu's service in 2001 and took up a position as a Mayor in the beginning of 2007. As Mayor of Oulu he participates actively in the co-operation and decision making processes related to regional innovation strategy. Mr. Pennanen serves as the Chairman of the Oulu Regional Government, Chairman of the Executive Board of the Oulu Regional Business Agency and a Member of the Board of the Oulu University Scholarship Foundation and the Finnish Port Association

Mr Pennanen enjoys sports (ice hockey, skiing, bicycling and inline roller-skating), time at vacation home with a family and reading

MARITTA PERÄLÄ-HEAPE, DIRECTOR, CHT - CENTRE FOR HEALTH AND TECHNOLOGY, UNIVERSITY OF OULU, FINLAND

Dr. Maritta Perälä-Heape, PhD,Director at Centre for Health and Technology (CHT) Oulu, Finland. She is coordinating the strategic R&D collaboration between academia, business and public healthcare sector in the Oulu innovation alliance (OIA) concept. Her expertise areas are in R&D and innovation management, research to business, business development, RDI funding, innovation politics and international network building. Her interest area is the R&D in personalized health and care, service innovations and business development.

She is leading a large national multi-disciplinary research program called "Digital Health Revolution", which main focus is "My Data" based health and wellness solutions to support individual's capability, involvement in health promotion and disease management. My Data is a global phenomenon and the future scenario, around which technology and business is being developed at a growing pace. My Data is a human-centered approach to personal information management and processing.

She is acting as an expert for the planning of the action program (Ministry of Social and Healthcare) aiming towards exploitation of personal data for future healthcare services. In addition, she is acting as an expert in My Data working group (ICT2015) of Ministry of Employment and Economy.

GÉRARD POGOREL, PROFESSOR EMERITUS OF ECONOMICS AND MANAGEMENT, TELECOM PARISTECH, FRANCE

Telecom ParisTech is a first-tier European Research and higher education institution. It encompasses all discipline areas, sciences, technologies, social sciences, of relevance to information and telecommunications technologies and the media.

Gerard POGOREL graduated from HEC Paris Graduate School of Management and holds a Doctorate in Economics from Université de Paris Pantheon-Sorbonne.

Gérard POGOREL co-authored in 2014 a report to the Prime Minister of Italy on Broadband for 2020. He chaired the Scientific Committee of the "Spectrum & Innovation" Agence Nationale des Fréquences International Conference held in Paris in June 2013. He was a member of the Organo di Vigilanza, Telecom Italia Open Acess (2008-2012). He acted as co-founder and Chair/Rapporteur of the European Spectrum Management Conferences 2006-2011. He was previously Chair of the European Union Framework Research & Technology Development Programme Monitoring Panel, and Chair of the Monitoring Committee of the EU Information Society and Technologies Research Programme. He participates in numerous Government-level and regulation Authorities Committees and Scientific Committees on telecom and media policy and regulation in Europe, the USA and Asia. He is a member of the international panel of experts for the World Competitiveness Yearbook. Gérard Pogorel is Officier des Palmes Académiques.

He published numerous articles, books, and reports including: "Valuation and pricing of licensed shared access: next generation pricing for next generation spectrum access", "The digital dividend: radio spectrum, mobile broadband, and the media: Towards a policy framework", Open Society Institute (2011), "The Radio Spectrum: managing a strategic resource"–with JM Chaduc,, (Wiley-ISTEC London, January 2008), Nine regimes of spectrum management: a 4-step decision guide, Communications & Strategies, April 2007, « Competitive Compliance: streamlining the Regulation process in Telecom and Media», (Communications & Strategies, March 2006), « Digital Terrestrial Television and Digital Convergence: A European Policy Perspective » (with G. Fontaine) in «Towards Digitalisation in Broadcasting: Policy and Practice » Cave M. & Nakamura K, eds, Routledge, 2006, « Towards More Flexible Spectrum Regulation", WIK-BundesNetzAgentur report (Bonn, 2005, co-author).

HERVÉ RANNOU, CEO ITEMS INTERNATIONAL, CEO CITYZEN DATA, FRANCE

Master in mathematics and Telecom Engineer. He began his career at France Telecom in 1981 in the field of the public infrastructure networks. Then, he worked for DAFSA (a Company working on Financial and Stock exchange Information) where he setup a stock exchange information international network. He joined the consulting company AUSY in 1986 as a Senior Consultant in Telecommunications Networks. He assisted public and private organizations.

He was appointed head of Consulting Department in 1990, covering Information Technology and Communications issues.

He launched ITEMS INTERNATIONAL in 1994 with Dr Sylviane Toporkoff to address strategic consulting in Digital Economy.
He developed strategies on Telecom infrastructures, Broadband, Internet services, Mobile, Software strategies … in relation with the internationalization of their network. At that time he used to work with France Telecom, Deutsche Telekom, BT, Telecom Italia, Verizon, NTT …

In 2013, he launched a new Big data company: Cityzen Data. This startup proposed an advanced platform to manage and to analyze data coming from Internet of Things (sensors, meters …). Cityzen Data proposes a very specific horizontal technology which is able to model, to detect weak signals, to predict faults or behaviors in any sector like energy, transport, health, industry … as long as there is data from sensors enough.

In 2015, ITEMS mains topics covers all what is related to the Smart Cities, Smart Grids, Mobility and Big Data.

PAULA RISIKKO, FORMER MINISTER OF HEALTH, DEPUTY SPEAKER OF FINNISH PARLIAMENT, FINLAND

Member of the Government
- Minister: Minister of Transport and Local Government 24.06.2014 - 28.05.2015
- Minister of Social Affairs and Health 22.06.2011 - 23.06.2014
- Minister of Health and Social Services 22.06.2010 - 21.06.2011
- Minister of Health and Social Services 19.04.2007 - 21.06.2010
- Minister at the Ministry of Environment 19.04.2007 - 01.01.2008

Mrs. Paula Risikko is the Second Deputy Speaker of the Parliament of Finland. She is a fourth-term Member of Parliament and has eight years of experience as a minister. During the term 2007 – 2011 she served as the Minister of Health and Social Services. In Prime Minister Jyrki Katainen's Cabinet Risikko served as the Minister of Social Affairs and Health, and in Prime Minister Alexander Stubb's Cabinet she was the Minister of Transport and Local Government.

Risikko holds a number of positions of trust at the national, regional and local level and in NGOs. She is Doctor of Health Sciences, a health care teacher and nurse by education. Risikko was awarded Honorary Doctorate Degree in Administrative Sciences at the University of Vaasa and Honorary Doctorate Degree in Medical Sciences at the University of Tampere. She has diversified experience of working in the health care sector and social welfare. She is on a leave of absence from her post as Vice President of the Seinäjoki University of Applied Sciences.

LUIS JORGE ROMERO, DIRECTOR GENERAL, ETSI- EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE

Luis Jorge Romero, Director General of ETSI, has more than 20-years experience in the telecommunications sector. At ETSI he has initiated a global standardization partnership for Machine to Machine communications, oneM2M, has overseen the rapid development of ETSI's Industry Specification Group on Network Functions Virtualization, and has driven the implementation of the ETSI Long Term Strategy, an ambitious plan to prepare the institute for the future. Previously he has held diverse Director positions in Spain, Morocco and Mexico, predominantly with Telefonica. As Global Director for International Roaming and Standards, and Director of Innovation and Standards, he oversaw Telefonica's participation in global standardization activities, and participated directly in the work of the Next Generation Mobile Networks (NGMN) Alliance and in the GSM Association (GSMA). Before joining ETSI in July 2011, he held the position of Director General of Innosoft and was also a partner and board member of Madrid-based Innology Ventures.

ALFREDO RONCHI, SECRETARY GENERAL EC MEDICI FRAMEWORK, ITALY

Prof Alfredo M. Ronchi – expert/advisor in eServices, General Secretary of the EC-MEDICI Framework of Cooperation and head of the representative of OCCAM at UN, active member of the WSIS since 2003. President of Fondazione Politecnico di Milano S2D2 ("Safety, Security, Defence, Disaster Recovery and Management") JRC.Mr Ronchi is member of the following Boards of Directors: Global Forum, World Summit Award, European Youth Award, European Education New Society Association, FondazioneItalianaNuoveComunicazioni. Member of the Keio University NoE.Ronchi is appointed as an expert: European Commission, Council of Europe, Italian Association of Banks (ABI), National Research Council (CNR). Author/contributor of books: eCulture, eGovernment, eHealth, eLearning. Mr. Ronchi is a professor at Politecnico di Milano.

JUHA JAAKKO RÖNING, DOCENT, PROFESSOR OF EMBEDDED SYSTEMS, UNIVERSITY OF OULU, FINLAND

EDUCATION AND TRAINING

Doctor of Technology at the University of Oulu, November 1992. Licentiate in Technology with honors at the University of Oulu, June 1985. Diploma in Engineer (MSEE) with honors at the University of Oulu, March 1983.

FIELDS OF RESEARCH

The principal goal of our research is to develop components for the next generation of intelligent systems, which are autonomous, adaptive, and able to correct their own mistakes. Such features imply from a system an ability to per-ceive, reason, act, and learn from experiences. In this work, we utilize methods from several research fields: robot-ics, artificial intelligence, machine vision, pattern recognition, neural computing, and fuzzy logic.

PREVIOUS PROFESSIONAL APPOINTMENTS

6/2012- Visiting Professor of Tianjin University of Technology, P. R. China.
8/2011- Head of Department of Computer Science and Engineering, University of Oulu.
1/2003-7/2011 Head of Department of Electrical and Information Engineering, University of Oulu.
9/1998- Professor of Embedded Systems at the University of Oulu.
10/1995-8/1998 Associate Professor of Computer Engineering at the University of Oulu.
8/1995-9/1995 Senior Research Associate at the University of Oulu.
8/1994-7/1995 Associate Professor at the University of Oulu.
1994-7/1994 Senior Research Associate at the University of Oulu.
1993- Docent in Information Technology, specifically intelligent machines and their applications.
1993-1994 Associate Professor of Computer Engineering at the University of Oulu.
1992-1993 Senior Research Associate at the University of Oulu.
1991-1992 Laboratory Engineer in the Computer Laboratory, University of Oulu.
1990-1991 Graduate student in Computer Science Program.
1989-1990 Researcher in the Department of Electrical Engineering, University of Oulu.
1986-1989 Junior Research Fellow in the Academy of Finland.
1985-1986 Visiting Research Scientist, Center for Robotic Research, University of Cincinnati.
1984-1985 Laboratory Engineer in the Computer Laboratory, University of Oulu.
1983-1984 Researcher in the Department of Electrical Engineering, University of Oulu.
Summer 1982 Research assistant in the Department of Electrical Engineering, University of Oulu.
Summer 1981 Research Assistant in the Institute of Nuclear Physics, University of Berlin, Germany.
Summer 1980 Asea Kabel AB (Sweden). Work planner in an underground cable section.
Summer 1979 Asea Kabel AB (Sweden). Final electricity tests for cables.
1977-1978 Military service.

RESEARCH AWARDS, HONOURS AND MAJOR GRANTS

Robot Science Adviser of Tianjin Science and Technolyg Center for Juveniles 12/2012 Asla/Fulbright scholarship 1985 Jenny ja Antti Wihurin Säätiö 1984, 1985 Walter Ahlströmin Säätiö 1985 Suomen Kulttruurirahasto 1985, Pohjois-Suomen syöpärahasto 1995 Tauno Tönningin Säätiö 1997, 1999 The Scandinavian-Japan Sasakawa Foundation 1997 Oulun yliopiston tukisäätiö 1985, 1999
Fellow of SPIE 2000 Funded research (TEKES and Academy of Finland) totals EUR 8.6 million

BROR SALMELIN, ADVISER, INNOVATION SYSTEMS, DG CONNECT, EUROPEAN COMMISSION

Education:
Helsinki University of Technology in Control and Systems Engineering, Electronics and Measurement Technology, 1978.

Work career:
Assistant at Helsinki University of Technology 1979-1984.
TEKES (Finnish agency co-ordinating industrial RTD) 1984- with management positions e.g. in Manufacturing, Industrial Automation and Electronics. 1994 onwards Deputy of the Information Technology Section.
Finnish representative at EU/ IST programme. One of creators of the global IMS initiative from 1990.
Vice Consul in Los Angeles 1997-1998.
European Commission since 1998 as Head of Unit (Integration in Manufacturing, Electronic Commerce and New Working Environments). Developed concept of European Network of Living Labs, now comprising 350+ sites for ICT intense services.
Advisor for Innovation Systems at European Commission. Responsible for innovation systems. Runs a senior industrial group "Open Innovation Strategy and Policy Group" with leading industries and academia.
Member of New Club of Paris. Member of the Advisory Board for Innovation Value Institute, Ireland.
Expertise in intangible economy and value creation, related to policies like innovation policy, productivity and creativity. Focus now on open innovation and innovation systems.

ANDREA SANDI, FOUNDER, SINTAC, ITALY

Born in Padua, August 24th, 1961, graduated at the 'Tito Livio' high school, he immediately begins his work experience motivated by the desire to be part of the family business, third generation of jewelers in Padua that began with Bruno who founded it and gained the prestigious manufacturing brand IPD. In 1993 he gets his degree as — gemologist at the Italian gemology Institute in Milan, in the 90's he contributed to the growth of Sandi jewels, opening a new show room in Cortina d'ampezzo in corso Italia and a show room in Milan, in via della Spiga. In 2000 he obtains several acknowledgments in the international field and some of his creations are displayed in major world cities.

His passion for technology has brought him to rapid prototyping and CAD design. In 2005 he founds 3DFast, a rapid prototyping company, shortly gaining great experience in various sectors such as eyewear, watches, aerospace, and fashion accessories. He designs and researches new opportunities in the biomedical sector, getting in touch with major experts in the national and international field and prestigious Italian universities, first of all the department of maxillofacial surgery at Bologna. Concurrently with another German company he is the first in the world to develop an application dedicated to the dental sector. He collaborates as company adviser for firms such as E05, 3Shape, Dental Wings, Dentsply, Materialise, Sweden & Martina, Ivoclar, Wieland, Bego, Dentsply, MHT, Southern Implants. In 2011, together with other partners, he establishes Sintac srl a company whose aim is to specifically operate in the field of research and innovation in the biomedical sector. With the University of Bologna and the Odontostomatology clinic he is following an innovative project involving face reconstruction, processing in a three-dimensional environment what is needed to the surgeon during training and during the operation. Everything is based exclusively on data acquired with a CAT or a magnetic resonance.

GÉRALD SANTUCCI, HEAD OF THE UNIT KNOWLEDGE SHARING, DG CONNECT, EUROPEAN COMMISSION

Gérald Santucci was appointed in July 2012 as head of the unit *Knowledge Sharing* at the European Commission's Directorate General for Communications Networks, Content and Technology (DG CONNECT). He promotes an organisational culture where everyone can know what goes on around them, where learning is constant and ideas flow in all directions, where there are systematic linkages between policy, regulation and research, and where insights and judgements as well as documents and facts are shared with a view to continuously adding value.

Gérald is an economist by profession. He holds a master's degree from the Institute for Political Studies in Paris and a PhD in microeconomics from the University of Paris 12 Val-de-Marne. Between

March 2007 and June 2012, Gérald was head of the unit *Networked Enterprise & Radio Frequency Identification (RFID)* that managed a portfolio of some 50 Research and Innovation projects grouped around two clusters – Future Internet Enterprise Systems (FInES) and Internet of Things (IERC). Under his leadership, the European Commission adopted a communication on RFID (March 2007), a recommendation on the implementation of privacy and data protection principles in RFID-enabled applications (May 2009), and a communication on the Internet of Things (June 2009).

AUDREY SCOZZARO FERRAZZINI, SENIOR MANAGER, GOVERNMENT AFFAIRS EUROPE AT QUALCOMM, BELGIUM

Audrey is Senior Manager, Government Affairs Europe at Qualcomm. Audrey activities focus on European innovation and industrial policies, intellectual property and standardisation. She is vice-chair of the Amcham EU IPR Committee and member of the Executive Committee of the 4iP Council.
Audrey has worked in policy advocacy in both the public and private sectors for over 12 years. Initially working for the French government's European Affairs Service, advising the Prime Minister's office, the Ministry of Justice and the Ministry of Culture and Communication, Audrey then led the Government Affairs team of BlackBerry in Brussels for 5 years. She holds postgraduate degrees in European and International Law from La Sorbonne Paris, and in International Relations from Assas Paris, as well as completing the Executive Management Acceleration Program from INSEAD, Fontainebleau.
Audrey is based out of the Qualcomm Brussels office.

KEIICHIRO SEKI, HEAD OF RESEARCH, CENTER FOR STRATEGIC MANAGEMENT & INNOVATION, NOMURA RESEARCH INSTITUTE, JAPAN

He graduated from the law faculty, the University of Tokyo.

He served as Policy Advisor to the Vice Minister of Posts and Telecommunications, Chief Representative of RITE (Research Institute of Telecommunications and Economics) at Washington DC Office, Director of Multimedia Promotion Office in MPT (Ministry of Posts and Telecommunications), Counselor for IT Strategy in Cabinet Secretariat, Director of International Economic Affairs Division and Director of Fixed Properties Tax Division in MIC (Ministry of Internal affairs and Communications), Counselor for Policy Coordination in NISC (National Information Security Center), and Director General of Shikoku Telecommunications Bureau.

Before joining NRI, he was a professor, Graduate School of Public Policy, University of Tokyo. He was also Visiting Professor of Ehime University and part-time Instructor of Keio University.

He was in charge of Japan's national strategies such as "e-Japan Strategy" and "the Second Information Security Basic Plan", when he was working for Cabinet Secretariat (Prime Minister's Office) in Government of Japan.

CLAUDIA SELLI, DIRECTOR EUROPEAN GOVERNMENT AFFAIRS, AT&T, BELGIUM

Claudia Selli is the European Government Affairs Director of AT&T International External Affairs. Her main task is to advocate AT&T positions in Brussels towards the European institutions as well as in other European Member States and particularly in Germany. Prior to joining AT&T, Claudia worked at the European Commission, DG Information Society where she actively took part in the negotiations with the European Parliament on several telecom files such as Roaming I and II, Safer Use of the Internet, the reform of the Europe's telecom regulatory framework, the Audiovisual Media Service Directive etc. In the past she also worked in the European Parliament. Claudia holds a master in International Politics from the ULB University and graduated at "La Tuscia University" in Viterbo, Italy.

ALAN SHARK, EXECUTIVE DIRECTOR & CEO PTI - PUBLIC TECHNOLOGY INSTITUTE; ASSOCIATE PROFESSOR OF PRACTICE, RUTGERS UNIVERSITY SCHOOL OF PUBLIC AFFAIRS & ADMINISTRATION USA

Dr. Alan R. Shark is the Executive Director and CEO of Public Technology Institute (PTI).

Dr. Shark is a sought-after speaker, offering presentations for larger audiences that address mobile and e-government, digital technology trends in government, as well as thought-leadership and professional development issues for both IT executives and public managers.

Dr. Shark's career has spanned over 30 years as a highly recognized leader in both the nonprofit management and technology fields, with an emphasis on technology applications for business and government. He is an associate professor of practice at Rutgers University where he teaches a masters level course on technology and public administration, and also serves as the Director for The Center for Technology Leadership.

He is the recipient of the prestigious 2012 National Technology Champion Award from the National Association of State Chief Information Officers. The award is in recognition for his outstanding contributions promoting government performance excellence through sound information technology solutions, policies and practice.

He is the author of the textbook *Technology & Public Management (2015)*, and *7 Trends That Will Transform Local Government Through Technology* and is co-author of the book *Web 2.0 Civic Media in Action* (2011), and an author and Executive Editor of *The Digital Revolution In Higher Education (2015)*; *CIO Leadership for Public Safety Communications - Emerging Trends and Practices* (2012); *CIO Leadership for State Governments: Emerging Trends and Practices* (Spring 2011). Dr. Shark also was Executive Editor of the book *CIO Leadership for Cities and Counties: Emerging Trends and Practices* (2009) as well as *Beyond e-Government: Measuring Performance* (2010) and *Beyond e-Government & e-Democracy: A Global Perspective* published in 2007.

His work has been supported by the Alfred P. Sloan Foundation, the U.S. Department of Energy, the United Nations UDESA, OECD and the International Telecommunication Union (ITU).

Dr. Shark has been instrumental in developing one of the first national certification programs for local government CIOs that PTI is offering in partnership with Rutgers University's School of Public Affairs and Administration (SPAA). This 12-month certification program is designed to help executives develop the necessary skills to be a successful local government CIO, share knowledge and experience with peers and raise their professionalism as technology practitioners.

Before coming to PTI, he was president and CEO of the American Mobile Telecommunications Association. At the Water Environment Federation, he was the associate executive director for marketing and communications, and publisher.

Dr. Shark was elected a Fellow of the National Academy of Public Administration where is serves as chair of the Standing Panel on Technology Leadership.

JUHA SIPILÄ PRIME MINISTER OF FINLAND

Personal details
Prime Minister, 29 May 2015 to present
Party Leader, Master of Science (Technology), Member of Parliament, Centre Party of Finland
Date and place of birth: 25 April 1961 Veteli
Place of residence: Kempele

Political career
Prime Minister, 29 May 2015 to present
Centre Party, Party Leader, 2012 to present
Member of Parliament, 2011 to present
Kempele Local Council, Member 2013 to present

Parliament work
Speaker 28.4.2015–28.5.2015

Grand Committee, Deputy Member 2012–2015
Foreign Affairs Committee, Deputy Member 2013–2014,
Member 2014–2015
Committee for the Future, Member 2011–2014

Other work experience and societal responsibilities
Fortel Invest Oy, Managing Director 1998–2002, 2005–2011
Elektrobit Corporation, Managing Director 2002–2005
Solitra Oy, Production Manager and Managing Director
1988–1998
LK Products, Product Development Manager 1985–1988
Positions as Member of the Board of Directors in several
Companies

Other information
Married
Five children (the youngest one deceased)
Language skills: English

GODFRIED SMIT, INTERNATIONAL POLICY DIRECTOR, ESC - EUROPEAN SHIPPERS' COUNCIL, BELGIUM

Godfried Smit (1959) studied law and fiscal law at the Universities of Leyden and Rotterdam. He graduated on transport law (Conditions in container transport). He worked in the Dutch Customs Administration for several years mainly dealing with European projects.

In 2000 he switched to the Dutch Shippers Council as specialist for trade facilitation and international transactions. He was involves in many 6th. Framework programs such as IT-AIDE, Cassandra and Core.
Since 2010 he is working part-time (3 days a week) for the European Shippers Council and Europro. At ESC he is responsible for Inland Transport and Trade Facilitation dossiers.
Mr. Smit teaches at several Universities such as Slubice, Rotterdam, Amsterdam and Delft and is co-author of several publications on public law in combination with data-sharing.

MICHAEL STANKOSKY, RESEARCH PROFESSOR, GEORGE WASHINGTON UNIVERSITY, USA

Michael Stankosky, DSc Dr. Stankosky obtained his doctorate from George Washington University (GW) by researching organizational effectiveness. His subsequent research focuses on how to engineer and manage a global enterprise in a knowledge-based economy.

He joined GW in 1998, and is currently a Research Professor & Professorial Lecturer of Engineering Management and Systems Engineering. There he created the theoretical constructs required for the master's and doctorate in knowledge management (KM) – a first in academia. He is Editor Emeritus of VINE: The Journal of Information and Knowledge Management Systems - part of Emerald Group Ltd. He is an Executive-in-Residence at the Kania School of Management, University of Scranton.
He co-founded and co-directed the Institute for Knowledge & Innovation, a global network of scholars and practitioners of KM for over ten years. Their purpose was to create universally accepted frameworks and solutions for knowledge-driven enterprises. He has published many seminal articles on KM, made numerous presentations and workshops worldwide, and consults to both the private and public sectors. He is also a charter member of the New Club of Paris, dedicated to establishing international valuation and accounting standards for intellectual capital/knowledge assets.

Representative works:
- Stankosky, Michael (with Annie Green and Linda Vandergriff) eds., 2010. In Search of Knowledge Management: Pursuing Primary Principles. Elsevier, Bingley, UK.
- Stankosky, Michael, ed., 2005. Creating The Discipline of Knowledge Management. Elsevier, Burlington, MA.
- Stankosky, Michael (with Carolyn Baldanza), 2000. *A Systems Approach to Engineering a Knowledge Management System.* In Barquin, R. ed. Knowledge Management: The Catalyst for Electronic Government. Management Concepts Press, Vienna, VA.

FRANÇOIS STEPHAN IS DIRECTOR OF SYSTEMS OF SYSTEMS PROGRAMME AT IRT-SYSTEMX, FRANCE

A graduate of EcolePolytechnique (Palaiseau Fr) and of Telecom ParisTech, François Stephan has over 20 years of professional experience in information technology. In early 2013, he joined the Technology Research Institute SystemX, dedicated to digital systems engineering, after various professional experiences in project management, product management, consultancy and technical leadership within tech companies: Schlumberger Smart Cards, Thales IT services, Ornis (startup), Unilog Management. Before joining SystemX, he he was the Deputy Chief of the CRIP professional organization (IT Infrastructure & operations Managers Club).

BÉNÉDICTE SUZAN, SENIOR PROSPECTIVE ANALYST, AIRBUS DEFENCE AND SPACE, FRANCE

Bénédicte Suzan is Senior Manager in Airbus Defence and Space. Her current position is Senior Prospective Analyst. She supports the Head of Public Affairs and Strategic Consulting of Airbus Defence and Space CyberSecurity. She is in parallel project manager at the level of Airbus Group for an applied research program on Cyber Security dealing with geopolitics, finance/quantification of the cyber risk and regulation in the cyber space. In doing so, she is Affected Expert to the IRT, SystemX EIC applied research program.

She joined Airbus Group seven years ago mainly conducting prospective analysis activities for different departments and divisions and Public Affairs at the Corporate level. Previously she had been working for one among the different French Prime Minister' Secretaries.

She holds a Ph.d doctorate in Public and Defence Law and a post-doctorate conducted at the Rand Corp. and Brooking Institutions in Washington, DC.

KARI TERHO, VICE PRESIDENT, INTERNET OF THINGS, CORPORATE CUSTOMERS, ELISA CORPORATION, FINLAND

Kari Terho is Vice President and Head of Internet of Things (IoT) services for Corporate Customers in Elisa Corporation, the leading communications service provider in Finland.
Kari joined Elisa as Vice President and Head of Fixed and mobile Network Services in 2008 for Corporate Customers.

Prior to joining to Elisa, Kari held various director positions in the Sales and Business Development in TeliaSonera, the most recent being Director of Business Development for TeliaSonera IES SME Marketing and Offering.

Earlier he has worked as Business Development Director at Yomi Sortware Ltd. and held the EMEA E-Services Business Development Manager position at Hewlett-Packard GmBH as well as the E-Commerce Marketing Manager position at Hewlett-Packard, Finland. He also has several years of experience working for different IT companies.

Kari holds a QBA in Business and Administration (1984).
Kari lives in Espoo, Finland, with his wife and two children.

YOSHIO TANAKA, PROFESSOR, TOKYO UNIVERSITY OF SCIENCE (TUS), GRADUATE SCHOOL OF INNOVATION STUDIES, JAPAN

Current Position and Responsibilities
Professor, Tokyo University of Science (TUS), Graduate School of Innovation Studies
Director, Division of Things and System Research, Research Institute TUS
Emeritus Councilor, National Institute of Advanced Industrial Science and Technology (AIST)
Visiting Professor, Aoyamagakuin University Graduate School of Business and Law
Visiting Senior Researcher Kokusai University GLOCOM

Member, The Engineering Academy of Japan
AEG Member of OECD Innovation in the Software Sector
Industry: Vice President of PC Open Architecture Consortium (OADG).
Vice Chairperson of Things and System Consortium
2005- 2006 Microsoft KK as the first Chief Technical Officer
Member of National Security Council
Member of several government committees
2001- Director of Strategy and Business Development, IBM Asia Pacific Technical Operations
Advisory Board member for Cyber Assist Research Center of AIST,
Member of Committee Industrial Technology (KEIDANREN),
Board Member of Information Systems Policy (Japan Electronics & Information Technology Industries Association)
Board Member of BTQ Corporation, which is JV among Toshiba, IBM and Taiyo Yuden
1998/11-2001/01 Vice President, Strategy of Asia Pacific, IBM HQ
1991-1998 Director of Open Architecture Operations and PC OEM IBM-J.
1995-2004 Served as IBM Japan's representative for IrDA, Ci-Lab, Intelligent Pad Consortium and Distributed Object Promotion Group.
1993-1995 OS/2 Brand Manager in Asia Pacific Region
1989-1990 Director of CIM industry Solutions for Asia Pacific region.
1988 Manager and Product Manager, for Plant Systems to plan/develop the IBM 5500 (Industry PC) and its control/application software.
1986-1988 Administrative Assistant to Senior Vice President of Asia Pacific Technical Operations (APTO) IBM-Japan
1984 Product Assurance manager for Display Products and Telecommunication Products.
1983 S Product Assurance manager for Display Products
1980-1982 Joined IBM-Japan. Served as a Product Assurance Engineer.
1977-1979 Mech-tronics (Electrically controlled Mechanics) systems design engineer
1973-1976 Network systems engineer to design, develop and install online systems
1973 Joined Sumitomo Heavy Industry Ltd. as a Systems Engineer.

EDUCATION

1973 Received a B.S. degree in Electrical Engineering from Tokyo University of Science

Interested Area
Business transformation, Business Design
Innovation and New business/Technology
Entrepreneurship
Business Architecture

MICHELE THONNET, INTERNATIONAL EHEALTH AFFAIRS EXECUTIVE, MINISTRY OF SOCIAL AFFAIRS, HEALTH AND WOMEN RIGHTS, FRANCE

French, neuropharmacologist, PhD.

Michèle Thonnet is also graduate in applied mathematics and medical informatics, political sciences and public law and from the national industrial strategies institute.
Michèle is a health, information systems, telecom and security specialist, with more than 25 years experience and over 200 publications.

She used to held different positions in the pharmaceutical industry as well as the computer and telecom ones including the international standardisation, moving from the research (at INSERM1 and INRIA2) and teaching area (associate professor in well known french « grandes écoles » and in Paris University) to the industry sector (software and networks) then back to the Health domain first at AP-HP 3Paris hospital, followed by different positions in public innovation agencies.

Auditor for the french Research and Industry ministries before joining the french Health and Employment Ministry, Michèle as e-Health strategist was also involved in European research & health projects regarding innovation, telematics, quality of Health and patient safety, as well as acting as evaluator for the European Commission.

Previously with the ministry of Health in charge of the information system architecture & exchange department at IGAS4 , including evaluation of telemedicine projects and involvement on quality process in the e-Health area, then 'general rapporteur' of the french High Level Council of Health Information System, she was senior advisor

and at the European level also President of the pan-european EHTEL organisation (European Health TELematics association).

For the time being, she is international eHealth affairs executive, the official representative of the french Ministry of Social Affairs Health and women rights in the European & international e-Health domain, member of the strategic committee of the Health technologies national network, member of different national and international boards (eHPMR, Health On the Net foundation (HON),..) .

As regards to the present EU initiatives, she has chaired the European eHealth interoperability Roadmap of the eHealth governance Initiative, building upon the CALLIOPE European network, and was the French official member of the board of epSOS and other transversal or eGovt projects.

Michèle is member of the European eHealth Network(eHN), created by the DIR 2011/24/EU composed by the eHealth official representatives of the Member States and particularly in charge of the global cooperation.

She is also involved as expert on international cooperation in developing countries through cooperation programmes (Middle-East, Asia).

MADIS TIIK, SENIOR ADVISOR, SITRA - FINNISH INNOVATION FUND, FINLAND

Madis Tiik is senior advisor of the Finnish innovation Fund (Sitra). Previously he has worked e.g. for Tallinn University of Technology, as scientific adviser of the President of Estonia, for Estonian eHealth Foundation and as a family doctor. In September 2012 he started as a senior adviser in Finnish Innovation Fund, advising ehealth integrations and self-care service development projects. 2014–2015 he was a Digital Medicine intern at Scripps Translational Science Institute in San Diego, USA.

SYLVIANE TOPORKOFF, PRESIDENT, GLOBAL FORUM, FOUNDER & PARTNER, ITEMS INTERNATIONAL, PROFESSOR AT THE INSTITUTE OF EUROPEAN STUDIES, UNIVERSITY OF PARIS, FRANCE

Dr Sylviane Toporkoff is partner & founder of ITEMS International - a company specialized on strategic Digital consulting, and full Professor at the University of Paris 8, Institute of European Studies, in France. She obtained her doctorate in Economics from the University of Paris I Pantheon Sorbonne. She is specialized on international research & consulting in the area of the Digital Society; public policy; economic & strategic international partnerships for industrialists, operators & local authorities; marketing on issues related to e-Business; e-Gov; e-health; local, regional and international development through the use of ICT; e-Democracy; and regulation. Dr. Toporkoff is President & founder of the Global Forum / Shaping the Future. She serves as expert to the UNESCO Commission of the French Republic for Education, Sciences and Culture, in particularly to its "Committee on Communication, New Technologies and Socio-Cultural Affairs". She is also Member of the Scientific Committee of Market Management, Editions ESKA; Founder and animator of ENSA "European Education New Society Association" - an association on the future of education and ICT. She is author of a number of publications in the field of Digital and gives lectures at numerous universities. She regularly intervenes as speaker in front of leading industry associations and on national and international conferences & forums in France, Europe, the US, and Asia. She is "Chevalier of the Legion of Honour" and obtained the medal of "Arts, Sciences and Letters ".

SHAKEEL TUFAIL, CHIEF NINJA (CEO), SECURENINJA, USA

Shakeel Tufail is the Chief Ninja (CEO) of SecureNinja with over 20 years of computer industry-related experience. His past employers include Global Practice Director for HP Enterprise Security, Deputy Program Manager for the Pentagon Security Operations Center (SOC), Practice Director for Fortify Software, Managing Consultant for Cigital, as well as project manager for many Fortune 100 companies.

Mr. Tufail's tactical security experience ranges a wide spectrum including Risk Management, Vulnerability Assessments, Trust and Threat Modeling, Architectural Risk Analysis, Systems &

Network Architecture, Penetration Testing, Application Security Testing, Forensics Investigation, Incident Response, Disaster Recovery, Business Continuity Planning, Certification and Accreditation, CVE, CWE, CAPEC, US-CERT and Ethical Hacking and Countermeasures.

Mr. Tufail has both managed and performed numerous enterprise security assessments and audits for commercial, government & military customers. This involved teams conducting in-depth risk assessments for large, mission-critical systems. These assessments involved interviews with key stakeholders, collection of quality and security metrics, architectural risk analysis, artifact analysis, secure code review, application penetration testing, risk analysis and mitigation planning.

Mr. Tufail has spoken at numerous conferences across the globe and holds over 30 industry certifications such as CISSP, CEH, ECSA, CHFI, MCITP, MCSE, MCSD, CCNA, Security+, Network+, & Project+, and is a professional member of OWASP, ISACA, ISSA, and IEEE. In his spare time, Shakeel enjoys travel, photography, and teaches technical training at local colleges. Recently, he hiked the Tibetan Himalaya Mountains to Mt. Everest base camp.

PETRI VILANDER, CYBER SECURITY MANAGER, CORPORATE CUSTOMERS, ELISA CORPORATION, FINLAND

Petri Vilander has 18 years of experience at ICT security in the field of sales, technical support, architecture, consulting and business management. Now with his 7 years of experience from carrier service field at Finnish market leader Elisa, he clearly represents a unique competence and experience set. This combined with Security-MBA in Tampere University of Applied Sciences, Finland, focused to corporate security and management, makes him a true security professional with good balance between business thinking as well as security technology knowledge and leadership skills.

As a person he is an innovative team player with determination to continuously drive for best solution for the customers. In his current role at Elisa, Petri Vilander, is responsible for creating security solutions for Elisa´s Corporate Customers, which represent roughly 40 % share of company's total revenue.
Cyber security, including general security as well, is a major theme today for all industries; he is widely making presentations and consulting for different customers in Finland about today´s threats and risks regarding networks, services and employees.

Key employment history: technical support in Radiolinja Oy from 1994 to 1997. Key Account Manager in Stonesoft Oyj (Intel Security) from 1997 to 2000. Country Manager in RSA Security (Part of EMC Corp) from 2000 to 2009. Senior Account Manager in Nixu Ltd from 2009 to 2014

HENRIK VUORINEN, CHIEF EXECUTIVE OFFICER, PORT OF LULEÅ, SWEDEN

Mr. Vuorinen has studied Material Science at the Technical University of Luleå. After graduating m. Vuorinen went into the steel business and the company SSAB, where he has had several positions in R&D and Project Management for larger investment projects. For the last 10 years Mr. Vuorinen has had several Senior Management positions in SSAB within Maintenance, Health & Safety and Production. Since March 2015 Mr. Vuorinen is appointed CEO for the Port of Luleå. The main focus for the Port of Luleå in the coming years is to realize the Malmporten Project and to build a top notch harbor facility that will be a logistic hub that creates value for the entire Baltic region.

KIM WESTERLUND, CHIEF DEVELOPMENT OFFICER (CDO), NIXU CORPORATION

Kim has had a 18 year long and diverse career in most interesting fields of cybersecurity. He has seen the development of the cybersecurity market and has a sense of the upcoming trends. Kim is also a wanted speaker and very active in the cybersecurity community.
Currently Kim holds a position of Chief Development Officer at Nixu Corporation. Nixu is the biggest cybersecurity consulting company in the Nordics and is listed at Nasdaq OMX First North, Helsinki.
Kim Westerlund was appointed as Nixu's Chief Development Officer (CDO) in February

2014. As CDO, Kim is responsible for making sure that Nixu services and people stay ahead of the game. Before taking the duties of CDO, Kim was managing the security architecture & implementation business at Nixu since 2005. Before joining Nixu, Kim has held information security positions at Hewlett-Packard and Finland's Post.

COLIN WILLIAMS, DIRECTOR, SBL; HONORARY FELLOW, UNIVERSITY OF WARWICK; VISITING PROFESSOR, DE MONTFORT UNIVERSITY; EDITOR, "CYBERTALK", UNITED-KINGDOM

As both a businessman and as an academic, Professor Williams is a leading figure in the international cyber security community with twenty years of experience in enterprise IT, Information Assurance and cyber security. As a director of SBL, he develops and leads the business development strategy of a wholly UK owned and controlled market leading provider of vendor independent cyber security solutions to central government, blue light services and the wider public sector.

Professor Williams was a member of the founding cohort of CLAS consultants. He has been involved in initiating and delivering some of the largest software volume licence public sector procurement projects in the world.

As an academic, he is developing a body of work around the human, intellectual, cultural, societal and historical context of computing which he is delivering across a series of lectures, seminars and papers.
Professor Williams consults and speaks on cyber, cyber security and strategic enterprise IT procurement in the UK and internationally. He is editor in chief of "CyberTalk" and new journal for the promotion and development of fresh and interdisciplinary thinking about cyber and the human relationships with computers.

PHILIPPE WOLF, CYBERSECURITY PROJECT MANAGER, IRT-SYSTEMX, FRANCE

Born in 1958, Philippe WOLF is Cybersecurity Project Manager at IRT-SystemX.
A former graduate of Ecole Polytechnique (Palaiseau Fr), he has a Ph.D. in Computer Science (1985), University Pierre and Marie Curie, Paris 6, and is an armament general engineer. Mr. Philippe WOLF has been in charge of the "electronic and computer security department" of the « Centre d'Électronique de l'Armement (CELAr) » in Bruz from 1985 to 1995. He was the Dean of Studies at the Ecole Polytechnique, Palaiseau. from 1995 to 2000. In October 2000 he was appointed Director of the Education Centre for Information Systems' Security (CFSSI) and Deputy Director of "Telecommunications and Network Security" by the Secretary-General for National Defence from 2005 to 2008. From January 2008 to March 2015, he was the Adviser of the Central Director of Information Systems' Security (ANSSI).

Mr. Philippe WOLF teaches the "Economic Intelligence, Information Society and Society of disinformation" in the Ecole Polytechnique, "Networks and security" in the Master " « Droit de l'internet public (Administration – Business) », Paris 1 Panthéon-Sorbonne University. He teaches and gives lectures at the « École des Mines-ParisTech », at the « École Nationale d'Administration » and at the « Institut des hautes études de défense nationale ». He regularly publishes articles on security in cyberspace.

He was awarded the Legion of Honor and the National Order of Merit and is a former auditor of the 44th session of the CHEAR (Centre for Higher Military Studies).

He is married and has four children

PAUL K. WORMELI, INNOVATION STRATEGIST, WORMELI CONSULTING, LLC, USA

Paul Wormeli has focused his career in the application of information technology to public safety, law enforcement, criminal justice and homeland security. He has introduced innovative programs in public policy as well as innovations in the use of technology. He has been active in the development of software products, has managed system implementation for dozens of agencies throughout the world, and has managed national programs in support of law enforcement and criminal justice agencies.

Mr. Wormeli was the first national project director of Project SEARCH, and was subsequently

appointed by the President as Deputy Administrator of the Law Enforcement Assistance Administration (LEAA) in the U.S. Department of Justice. Mr. Wormeli helped design the first mobile computing equipment sold in this county to law enforcement agencies. At Project SEARCH, he led the development of a common protocol for interconnecting diverse proprietary protocols to enable the nationwide sharing of criminal history information. Mr. Wormeli managed the staff work and wrote much of the report for the Information Systems section in the report of the National Commission on Standards and Goals for Criminal Justice. He was the project manager for the development of the first crime analysis handbook published by the National Institute of Justice. He has been an advisor to the White House on security and privacy, participated in the drafting of Federal law on this topic, and responsible for the development of numerous state plans to implement the Federal and state laws on information system security and privacy. During his tenure in the Justice Department, he served on the President's Committee on Drug Enforcement. Mr. Wormeli is an author and lecturer on law enforcement and justice technology.

Mr. Wormeli created and was the first full-time Executive Director of the IJIS Institute, a non-profit dedicated to engaging industry in helping government agencies improve information sharing using advanced technology. In this capacity, he was the first Chairman of the NIEM Communications and Outreach Committee. He has served on the technical advisory committee for the Harvard School of Government Innovator's Network program for law enforcement and justice, and on the NASCIO Information System Architecture Working Group. He is an associate member of IACP, the Police Executive Research Forum, and a corporate member of the Association of Public Safety Communications Officers.

In 2009, Mr. Wormeli was appointed to serve on the Committee on Law and Justice (CLAJ) of the National Academy of Sciences. In 2011, Mr. Wormeli was named by Government Technology magazine as one of the Top 25 Doers, Dreamers & Drivers in Public Sector Innovation in the U.S. Also in 2011, the National Association for Justice Information Systems (NAJIS) awarded Mr Wormeli the Kelly Bacon award for "Outstanding Service to the Justice Information Technology Community". In 2012, Wormeli was named as a Senior Fellow in the Homeland Security Policy Institute of the George Washington University.

Mr. Wormeli holds a Bachelor of Science degree in Electronics Engineering from the University of New Mexico, and a Master of Engineering Administration degree from the George Washington University. He undertook courses in the honors program for industry as a part of the doctoral program in Engineering Economic Systems at Stanford University. He received a certificate in Cross-Boundary Transformation from the John F. Kennedy School of Government Executive Education program at Harvard University.

ANJA WYDEN GUELPA, CHANCELLOR OF STATE - REPUBLIC AND CANTON OF GENEVA, SWITZERLAND

Anja Wyden Guelpa (42 years old), was the first woman elected as Chancellor of State in Geneva in 2009, and she was reelected in 2013 for a second term.

She presides over the "Collège des secrétaires généraux" of the seven State departments of Geneva and is a board member of Swiss Tourism and of the RTSR regional council (Radio Télévision Suisse Romande).

Originally from the canton of Valais, Mrs. Wyden Guelpa is bilingual in French and German; she learned English in Oxford and studied political science in Geneva and Tübingen (Germany). In addition to a Bachelor's in Political Science, she holds a Master's in public administration. Fascinated by innovation and change as the natural order of things, she began her career at the State Secretariat for Economic Affairs (SECO) as project manager in charge of pilot projects that went off the beaten tracks, with her main objective being to test and evaluate new tools to be implemented into law. She then went on to work for IBM Business Consulting, in which position she advised both public administrative offices and private companies on change management and strategy. With this strong experience and background, she joined the public administration of Geneva in 2003, first as Deputy Director, then as General Director of the Social Policy division. In this strategic function, at the crossroads of politics and operational services, she managed over 300 employees, around a hundred of subsidized entities and an annual budget of 1.5 billion Swiss francs. She also modernized numerous procedures and regulations pertaining to social benefits, in order to reduce threshold effects and improve benefit targeting.

Anja Wyden Guelpa is a member of the Socialist party, and is married with two teenage boys.
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As Staff Office of the State Council, the Chancellery of State, headed by the Chancellor, supports and advises the Government with regard to strategic, jurisdictional or operational matters.

Together with the State departments, the Chancellery manages transversal issues and matters related to the modernization of the administration. It ensures the organization of political rights, voting processes, and municipal, cantonal and federal elections. It also leads major innovative projects such as the partnership between public and private entities in the field of philanthropy or promotion of the active participation of young population in public debate.

DOYNA ZHARAVINA, PROJECT MANAGER FOR EHEALTH, MILLENNIA2025FOUNDATION, FRANCE

Doyna Zharavina, project manager for eHealth at the Millennia2025Foundation, is a recent graduate of the School for Advanced Studies in the Social Sciences (EHESS, France) with a Master in Sociology and Public Health. She started her career by working on Sanofi's Connecting Nurses project, a result of collaboration between multiple nursing organizations and other partners including the Millennia2025Foundation. Where she later continued working on eHealth projects as a team member of the WeObservatory.