



Expert Group on the Internet of Things

Expert Profiles



Marylin ARNDT European Telecommunications Standards Institute (ETSI)

With more than 20 years of experience in the telecom domain, Marylin holds a position of senior standardisation manager, in charge of piloting and monitoring standardisation activity on M2M at FranceTelecom-Orange. In January 2009, she was elected as chairman of the technical committee named M2M at ETSI. Two years after, she was responsible of M2M related European Mandates, as Vice Chair of this same committee.

Before that period she held various positions in R&D, participated actively to numerous European collaborative projects (FP5, FP6), and applied more than ten patents. She held a R&D team leader position in the area of mobile terminals and communicating devices, then on wireless applications for capillary access networks.

She has an engineering degree from Ecole Nationale Supérieure des Telecommunications, Paris in 1981, and a PHD on Solid State Physics at University des Sciences et Techniques du Languedoc, Montpellier, in 1979.



Alessandro BASSI European Technology Platform on Smart Systems Integration (EPoSS)

Dr. Alessandro Bassi graduated from the University of Milan in 1994, with soft computing and software engineering as majors. He joined Amadeus in 1997, and moved to the University of Tennessee in 2000, where he was involved in the seminal work of the Internet Backplane Protocol. He then held a Research Visitor position at the ENS in Lyon, France, where he developed the relationship between storage and active networking. After working for RIPE NCC, in November 2004 he joined Hitachi. He was the deputy project coordinator of the FP5 6QM project, and the project coordinator of the FP7 "Autonomic Internet" project. He also participated to several other EU projects and initiatives. Since 2007, his research interests are focused on RFID technology and the Internet of Things. He is the chair of the Internet of Things WG of the European Technology Platform "EPoSS". He is an expert for ENISA on possible threats from IoT technology adoption, and he is the Technical Coordinator of the IP FP7 project "Internet-of-Things Architecture".



Sandoche BALAKRICHENAN AFNIC

Sandoche BALAKRICHENAN received his MSc in Computer and Communication networks from the “Institut National des Télécommunications” and PhD in Computer Science and Networks from “Université Pierre-Marie Curie.” He joined AFNIC where he is currently working as a full time Engineer in the R&D department. He has participated in several Internet related collaborative projects such as RNRT Numerobis project implementing an autonomous Simulation platform for the ENUM protocol, implementing the PRINTEMPS (Platform for Researching Internet Mobility and Service) platform, implementing the Federated Object Naming Service platform for the WINGS project etc. For the last three years he has been concentrating on the IoT domain participating/contributing in standardization activities such as GS1, IETF etc.



Joan BATLLE EUROCITIES

Mr. Joan Batlle is the Head of International Cooperation of the Urban Habitat in the Barcelona City Council. He is member of the Smart City board in the Barcelona City Council, member of the Executive Committee of the Barcelona’s Municipal Institute of Informatics and the former treasurer of the Spanish Informatics Association. Degree on Physic Sciences at Barcelona University (UB), Postgraduate Diploma on Information Technology Auditory, Master Degree on Management of the Information Technologies, Master Degree on Digital Content and PhD student in Barcelona University. Since 2007, Batlle is the responsible of the City Council involvement in international networks related with ICT, e-Government and Smart City as EUROCITIES, Major Cities of Europe and World eGovernment Organizations. He is the contact point for the European Commission co-funded projects on R+D+I. He has participated in several papers, reports and books related with e-Government and ICT innovation in public administrations.



Laurent BESLAY

Joint Research Centre of the European Commission
– Institute for the Protection and Security of the
Citizen (JRC IPSC Ispra)

Laurent BESLAY works as a scientific project manager for the Joint Research Centre of the European Commission the IPSC (Institute for the Protection and Security of the Citizen) in the Digital Citizen Security Unit since September 2011. From 2004 until September 2011, he worked as Coordinator on Security and Technology for the European Data Protection Supervisor based in Brussels, where his responsibilities included Security and technology coordination of prior-checks opinions, policy opinions, complaints, security inspections and audits of EU large scale IT systems. He previously worked, for six years, for the Joint Research Centre of the European Commission, the IPTS (Institute for Prospective Technological Studies) as a project officer in the field of cyber-security. He holds a Post-master's degree in Global Management of Technological Risks and Crisis (University of Paris, la Sorbonne) and a Master's degree in International Relations.



Dan CAPRIO

European American Business Council (EABC)
TechAmerica Europe (TAE)

Dan Caprio brings over 25 years of experience on legal and policy issues involving the convergence of internet, telecommunications, and technology. He has substantial knowledge and experience in the areas of privacy, cyber security, information security, and the Internet of Things. Mr. Caprio works with clients to define and capitalize on public policy strategies in the United States and Europe. In 2011, Mr. Caprio was appointed to advise the Secretary of Commerce and United States Trade Representative on Information and Communications Technologies and Electronic Commerce matters. From 2007 through 2011, he advised the Secretary of Homeland Security on Data Privacy matters. From 2004 to 2006, he served as Chief Privacy Officer and Deputy Assistant Secretary for Technology Policy at the U.S. Department of Commerce (DoC) where he advised the Secretary of Commerce and the White House on technology policy and privacy protection. Prior to his tenure at the DoC, Mr. Caprio served as Chief of Staff to Commissioner Orson Swindle at the Federal Trade Commission. In 2002, he was appointed to represent the United States in revising the OECD guidelines on information systems and networks.

Education: B.A., James Madison University



Barbara DASKALA European Network and Information Security Agency (ENISA)

Barbara Daskala is employed in the European Network and Information Security Agency (ENISA), where she currently works on promoting information security and privacy risk management practices, and identifying risks posed by new technologies and ways to address them. Before that she worked in the Institute for Prospective Technological Studies (IPTS) of European Commission's Joint Research Centre, where she was involved in research on the social implications of emerging and future technologies. Prior to that, she had been working for Ernst & Young in Athens, Greece, as an IT auditor and information security consultant. She is a Certified Information Systems Security Professional (CISSP)[®] and a Certified Information Systems Auditor (CISA)[®]. She also holds an MSc in Analysis, Design and Management of Information Systems from the London School of Economics & Political Science, UK and a BSc in Business Administration from the University of Piraeus, Greece.



Sybo DIJKSTRA The European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry (COCIR)

Sybo Dijkstra is heading Healthcare Information Management Research within Philips Research, driving Research and Innovation in advanced clinical IT solutions for Philips Healthcare business. Before this position, he was responsible for the Marketing and Strategy of Philips Healthcare Informatics business worldwide, during which period Philips made significant steps in becoming a worldwide leader in Radiology and Cardiology IT solutions through the introduction of new innovative products and acquisitions. Prior to Healthcare Informatics, he was active in Philips communications and IT businesses, holding various positions in Marketing, Strategy and Innovation in which he successfully introduced advanced wireless products as well as the development and introduction of VoIP and PC based call processing solutions.



Michael FRIEDEWALD PRESCIENT

Dr. Michael Friedewald holds diploma degrees in electrical engineering and economics and a doctoral degree in Science and Technology Studies. Since 1999 he is a senior researcher and consultant for Information and Communication Technologies (ICT), Innovation Research and Technology Assessment at the Fraunhofer Institute for Systems and Innovation Research (Fraunhofer ISI) in Karlsruhe, Germany. Since 2009 he is co-ordinating the ICT research at Fraunhofer ISI. He has done extensive research on the social and economic impact of Information and Communication Technologies and the preconditions of technological and economic change. Since 2002, he has been working on Ubiquitous Computing and Ambient Intelligence including RFID as an enabling technology. He has conducted several studies on RFID, Ubiquitous Computing and Ambient Intelligence for the European Commission and the German Federal Parliament. His current research activities deal with privacy aspects in the field of ICTs and security technologies (FP7 projects PRESCIENT, SAPIENT, PRISMS and IRISS).



Manuel GARCIA SANCHEZ Article 29 Working Party on Data Protection (WP29)

Manuel Garcia Sanchez is graduated in Economics and Business Management and holds a Masters degree in Information and Communications Technologies Development and Management. His career path, always as a civil servant, includes IT development and management responsibilities in the fields of Public Employment Services and Law Enforcement. Manuel Garcia Sanchez joined the Spanish Data Protection Authority in March 2002, first as a data inspector, dealing with investigations and security audits related to Data Protection issues as well as advising on technologies and data protection. After a secondment in Brussels as national expert for the European Data Protection Supervisor, he joined in 2009 the International Department of the Spanish Data Protection Authority with responsibilities in the fields of Law enforcement and emerging technologies.



Chiara GIOVANNINI The European Consumer Voice in Standardisation (ANEC)

Chiara Giovannini holds a master degree in European Law. She is Research & Innovation Manager, responsible for the management of the ANEC research & testing projects as well as the sectors of Design for All (Accessibility), Nanotechnologies and Information Society, including information and communications technologies (ICT).

ANEC is the European consumer voice in standardisation. It represents the European consumer interest in the creation of technical standards, especially those developed to support the implementation of European laws and public policies.



Ingrid GRÜNING Federal Office for Information Security (BSI)

Ingrid Grüning received her diploma in mathematics (including the minor field of study Electrical Engineering) from the Christian-Albrechts-University of Kiel in 2004. She started her career as a scientific officer in the field of marked and media research in Frankfurt. Since 2010, Ms Grüning works in the section “Official Electronic ID Documents” and later “Secure eID-Applications” of the Federal Office for Information Security (BSI) in Bonn. Her current fields of activities are the EU-wide cross border interoperability of electronic identities, authentication methods and, concerning this, the privacy and security aspects of smart card usage.



Wolf-Rüdiger HANSEN AIM-D

Wolf-Rüdiger Hansen is a business consultant and managing director of AIM Germany, the regional chapter of the global industry association AIM, responsible for Austria, Germany and Switzerland. Ruediger started his career more than 30 years ago at IBM and has since then taken leading positions in consulting, marketing and sales at various companies. Since more than seven years he is active with autoID and RFID consulting and marketing activities and in 2006 took over the responsibility for AIM Germany. He helped drafting the RFID PIA Framework as a member of the RFID Informal Working Group and is a member of the current Internet of Things Expert Group chaired by the European Commission. Ruediger has achieved a diploma in Physics from the Technical University in Darmstadt, Germany, and is co-author of the book „RFID for the Optimization of Business Processes“, Wiley Publishers, London, UK.



Wolfgang KLASSEN BUSINESSEUROPE

Dr. Wolfgang Klase studied Mathematics and Physics in Germany and in Oregon, USA. Currently he is responsible Program Manager at Security Research within Siemens Corporate Technology. He has been active for many years in international research and development projects dealing with definition and realization of IT security architectures and standards for networks and applications. During this work he chaired the Security Working Group of the Multimedia Communication Forum, held the Vice Chair office of the ATM-Forum Security Working Group and contributed with his research team to ITU SG 16, ETSI, and the IETF on Security. Currently Wolfgang Klase is heading the DIN mirror committee for ISO TC 247 an ISO PC 246 on methods against counterfeiting of material goods, and is active within the German organizations VDMA, protect-ing.de, and BITKOM.



Wolfgang KLEINWÄCHTER Internet Governance Forum (IGF)

Wolfgang Kleinwächter is a professor for Internet Policy and Regulation at the University of Aarhus in Denmark. He has been involved in Internet Governance Policy discussions since more than 20 years. In the 1990s he chaired the Management Board of the Regional Information Society Initiative (IRISI) of the European Commission. Since 1998 he has been involved in ICANN where he participated in 40 regular meetings and served in different capacities, inter alia as chair of the Nominating Committee and member of the GNSO Council. In the UN World Summit on the Information Society (WSIS) he was a member of the civil society WSIS Bureau and was appointed by UN Secretary General Kofi Annan as member of the UN Working Group on Internet Governance (WGIG). From 2006 to 2010 he served as a personal adviser to the Chair of the Internet Governance Forum (IGF), Nitin Desai. Since 2011 he is a member of the UNCSTD Working Group on IGF Improvement. Between 2009 and 2011 he chaired the Council of Europe's Internet Cross Broder Expert Group. He is also a member of the International Council of the International Association for Media and Communication Research (IAMCR), member of the Steering Board of the EURO-NF FP 7 Research project, founder and chair of the faculty of the Summer School on Internet Governance (SSIG) and co-founder of the European Dialogue on Internet Governance (EURODIG).



Merten KOOLEN European Semiconductor Industry Association (ESIA)

Merten Koolen is Senior Director Industry Relations & Trade Programs with NXP Semiconductors. In this position he is responsible for the coordination of NXP participation in international trade groups and for government affairs, with particular focus on issues affecting international trade and market access for semiconductors, market development, and industrial- and technology policy issues, as well as managing government relations in the Netherlands. He represents NXP in the European Semiconductor Industry Association, where he is member of the ESIA Board, the Joint Steering Committee of the World Semiconductor Council and several other European and national industry groups. After graduating from the Eindhoven University of Technology (NL) in 1986, Merten joined Philips Research Laboratories in Eindhoven where he engaged in semiconductor research before joining Nederlandse Philips Bedrijven. There, he was responsible for government affairs. He joined Philips Semiconductors in 1997 where he was a member of the international marketing and sales management team, responsible for developing and leading the global marketing intelligence activities.



Ferenc KNEISZ

Ministry of National Development Hungary
State Secretariat for Infocommunications

Ferenc Kneisz is responsible for ICT and broadband strategy and actions and for Future Internet Strategy harmonization in Hungary. He is also involved in eInfrastructure harmonization and other ICT related issues. He is the contact point for different programs (CIP NCP) and contact to civil organizations, innovation related institutes and Industrial partners. Earlier Mr. Kneisz had been working 25 years for telecom and gained wide experience in network topology and other Telco related issues.



Martijn KUIPERS

INESC-ID

Martijn Kuipers received a B.Sc. from the Rijswijk University of Technology, the Netherlands, in computer science in 1996. In 1999, he received his M.Sc. in telecommunications from the Delft University of Technology, the Netherlands. He received his Ph.D. in the area of telecommunications from Aalborg University, Denmark in 2005. Currently, he is employed by INESC-ID. He has taken part in European projects, like FRAMES, FLOWS, COST 273, NEWCOM, 4WARD and EuroNF. His current research interests are in the area of heterogeneous wireless sensor networks and the Internet of Things.



Andreas KRISCH

European Digital Rights

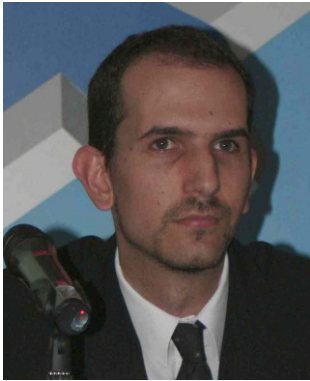
Andreas Krisch graduated at the University of Vienna and the Vienna University of Technology and holds a master degree in information systems. He is president of European Digital Rights (EDRI, www.edri.org) and of the Austrian Association for Internet Users (VIBE!AT). Andreas is active in the field of privacy and data protection in the information society and released several publications in the sector. On behalf of VIBE!AT he is member of the New Media Advisory Council at the Austrian Federal Chancellery. Andreas Krisch works on data protection and privacy issues of RFID applications and RFID-based information systems since 2002. He regularly contributed to the European discussion on a society friendly adoption of RFID technology in Europe. He repeatedly provided his expertise on data protection, RFID and the Internet of Things to institutions like the European Commission, the European Parliament, the Council of Europe and the OECD. In his professional capacity Andreas Krisch is the owner and director of mksult GmbH (www.mksult.at), an Austrian IT company providing consultancy services on data protection. In his capacity as a certified data protection officer and technical expert for the European Privacy Seal (EuroPriSe) he is experienced in conducting data protection and privacy audits on RFID- and other IT-systems.



Gwendal LE GRAND

Article 29 Working Party on Data Protection (WP29)

Dr. Gwendal Le Grand is the head of the IT experts department at the Commission Nationale de l'Informatique et des Libertés (CNIL), the French data protection authority, since April 2007. He participates to the activities of the article 29 Data Protection Working Party (WP29), and in particular to the work of the Technology Subgroup, which tackles data protection issues related to technologies such as RFID, search engines, social networks, or biometrics. He is the liaison officer for the WP29 to ISO/IEC JTC1/SC27/WG5, which develops privacy standards at ISO. He has participated to experts groups set up by the European Commission on RFID, on data retention, and on the internet of things. Before joining the CNIL, he worked as an associate professor at the Ecole Nationale Supérieure des Télécommunications (ENST), Paris, between 2001 and 2007, and he participated in several european and national research projects in the areas of security and networking. Gwendal Le Grand received his PhD in computer science from the University of Paris 6 in July 2001.



Daniel LOPOUR Czech Technical University in Prague

Daniel Lopour is a subject matter expert in the area of automatic identification and electronic data interchange. After graduating from the Czech Technical University in Prague, he started career at Henkel Czech Republic as EDI Project Manager. In 2005, Daniel joined GS1, a not-for-profit association providing the most widely used identification and communication standards for retail and fast moving consumer goods industry as a Product manager for RFID, where he provided consulting service for companies implementing automatic identification systems in supply chain. In 2010, Daniel has been appointed by the Czech Technical University in Prague to manage the implementation of Mifare DESFire contactless chip cards at the University's campus. From 2011 he is teaching IT in Logistics in a double-degree EU-US programme Atlantis at the Faculty of Transportation Sciences and is a leadership team member of the Center of Automatic Identification at the CTU in Prague.



Pedro José MARRÓN Cooperating Objects Network of Europe (CONET)

Prof. Dr. Pedro José MARRÓN holds a bachelor and master's degree in computer engineering from the University of Michigan. During his stay in Michigan, he worked as a teaching and research assistant in the areas of databases, compiler construction and distributed systems. In 1999, he moved to the University of Freiburg in Germany to work on his Ph.D., which he received with honours in 2001. From 2003 until 2007, he worked at the University of Stuttgart as a senior researcher, leading the mobile data management and sensor network group. In 2007 he became Professor of Computer Science at the University of Bonn, where he led the "Sensor Networks and Pervasive Computing Group" (SNPC). In 2009 he became a Full Professor at the University of Duisburg-Essen. He is currently head of the "Networked Embedded Systems Group" (NES), composed of 12 full time researchers working on various aspects of sensor, pervasive and networked systems. His current research interests are distributed systems, embedded systems, mobile data management, location aware computing, sensor networks and pervasive computing. Additionally, Pedro Marrón is the coordinator of PLANET and CONET. PLANET deals with efficient deployment of large-scale sensor networks in environmental monitoring scenarios while CONET aims at the establishment of a strong community in the area of Cooperating Objects capable of conducting the research needed to achieve the vision of Ubiquitous Computing.



Barbara MARTIN

European Blind Association (EBU)

EDUCATION

- 1997 Law degree, Granada University
2010 Currently studying Politics and Administration Degree in Spanish Open University

FURTHER TRAINING

- 2010 Intellectual Property and the Information Society in the EU Conference by ERA
2009 Summer courses at Complutense University, Madrid: "The Spanish Presidency of the European Union in a World in crisis" and "Challenges of the new EP"
2008 15th Intensive Seminar on the European Union, College of Europe Bruges
2007 Course in Institutions of the European Union, Spanish Diplomatic School.
2003 Course in property management and analysis, Comillas University - CADE
2000 Master's Degree in legal practices and procedures, Centre for Economic Studies, Madrid
1998 Master's Degree in managing small and medium-sized companies, Fundosa Social Consulting

PROFESSIONAL CAREER

- June 2007 - present Director of the ONCE Technical Office of European Affairs:
- Active participation in European Blind Union through its Liaison Commission and the Nominations Committee.
 - Direct participation in the high level working group on digital TV accessibility, together with Digital Europe and EDF
 - Active participation with European Institutions in follow-up activities of control or implementation of special interest rules such as copyright, e-Accessibility, digital TV, digital libraries, as well as universal design.
 - Participation in European Commission's consultations on e-Accessibility, Internet of the Future, White Paper on ICT, Europeana's next steps, policy on e-Inclusion and innovation, among many others.
 - Participation in congresses, seminars or tenders related with new technologies as examples of good practice of ONCE and its Foundation.
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Massimiliano MINISCI

GS1

Massimiliano Minisci is Director Public Policy Europe at GS1 Global Office, a not-for-profit organisation dedicated to the design and implementation of global standards and solutions to improve efficiency and visibility in supply chains. GS1 standards are used by 1.3 million companies, which execute more than six billion transactions daily in 150 countries. GS1 has local member organisations in 108 countries. Massimiliano joined GS1 after having spent three years at ICANN as Regional Relations Manager responsible for Europe. ICANN is an international non-for-profit corporation headquartered in the USA responsible for managing the top-level domain name space, Internet Protocol address space and maintaining registries of Internet protocol identifiers. Prior to that, he spent seven years in Brussels as public policy/regulatory affairs manager for companies and trade associations in the telecom sector. He began his career in Italy as an applied-economics researcher for a private research centre in Rome, then joined the second largest Italian trade association representing industrial SMEs where he held different positions in public policy/advocacy. Massimiliano holds a degree in Economics from the University “La Sapienza” in Rome. An Italian national, he is fluent in English and French and has a passive knowledge of Spanish.



Richard REES

CEN

Richard Rees is President of Scanology BV, a leading RFID and optical data capture solutions provider based in Boxmeer NL. Richard has worked at senior level in Production, Packaging Design, Product Labelling, Procurement and Logistics in the European Brewing industry, and has worked closely with major supermarkets in designing AIDC driven supply chain systems. Richard served a 12 year term as a member of the EAN UK (now GS1 UK) supervisory board. Richard plays an active role in AIDC standardisation, and holds the following responsibilities: Chair of BSI IST/34 AIDC Technologies, UK HoD to ISO/IEC JTC1/SC31, Convener CEN/TC225 WG4 Applications, Liaison between CEN and ITU-T, CEN delegate to EU IoT Expert Group.



Kostas ROSSOGLOU The European Consumers' Organisation (BEUC)

Kostas Rossoglou is a Greek qualified lawyer, member of the BAR of the Thessalonica, in Greece. Kostas holds the position of legal officer at BEUC. He has been working at BEUC's Legal Department since January 2009 and is leading BEUC's Digital Team, with his main area of expertise being Intellectually Property Rights and consumers' privacy. He has been working on a number of related dossiers, including personal data protection, online advertising, copyright exceptions and limitation, copyright levies, content licensing and IPR enforcement. Kostas has been representing consumers in a number of stakeholders' groups of the European Commission on a variety of issues, including copyright levies, multi-territory licensing of content online, online counterfeiting and data protection. Kostas is also member of BEUC's teams on group actions and consumer contracts.



Ørnulf STORM Norwegian Post and Telecommunications Authority

Ørnulf Storm holds a Master of Science (M.Sc.) degree in Information and Communication Technology from University of Agder with the Master Thesis title: A Feasibility Study of new RFID Applications. He also holds a Master of Philosophy (M.Phil.) in Administrative Informatics/e-Government from the University of Oslo at Faculty of Law. Since 2004 he has worked at the Norwegian Post and Telecommunications Authority (NPT) with regulatory aspects of electronic communications, Internet and Internet Governance, Internet security and privacy issues, telephone numbering and IP-addressing issues, Domain Names and electronic signatures. Since 2007 duties at NPT have included being the Norwegian representative in the Governmental Advisory Committee (GAC) in Internet Corporation of Assigned Names and Numbers (ICANN) and delegation member of the Norwegian delegation to the Internet Governance Forum (IGF).



Larry TAYLOR Zigbee

Larry Taylor is a long term participant in International communications standardizations and European Community R&D programs. He has contributed to standards work on WLANs and mobile communications in a number of areas. His recent work focuses on communications for Smart Energy and in this respect he represents the ZigBee Alliance in the IoT Expert Group. Larry worked for much of his career for Data General Corporation and then Apple Computer Inc. He has been an active contributor in ETSI and IEEE standards organisations and currently works on ETSI standards for Short Range Devices applied to Smart Energy, in ETSI TC M2M and the ETSI responses to EC Mandates on Smart Metering and Smart Grid."



Claude TETELIN Centre National RFID (CNR RFID)

Graduated from ISEN-Lille in 1991, Claude Tételin received his PhD from University of Lille in France in 1996. Professor of telecommunications at ISEN-Toulon, a Higher Institute of Electronics and Digital Communications (school of engineers) since 1996. Since December 2008, he is the chief technical officer of the newly created French national center for RFID (CNR RFID). His main missions are the promotion of best suited RFID technology with regards to industrial constraints, the deployment of international ISO standards for open loop market development (he is vice-chairman of the French National mirror committee of the ISO/IEC/JTC1/SC31), the promotion of trusted relations between industrials and research laboratories for the development of conformance and performance tests (he is the project editor of the ISO/IEC 18047-6 standard UHF conformance standard). His activities of research relate to mainly dimensioning RF identification systems (modeling, telesupply, backscattering modulation, increase of the data rates, security, noise...). The whole of this research is carried out in partnership with the French industries. He introduced the concept of S-parameters for HF RFID system modeling. His last publications, in collaboration with Gemalto and CEA-LETI, mainly deal with smart card security and air interface attacks.



Jeroen VAN DEN HOVEN Delft University of Technology (TUDelft)

Jeroen van den Hoven is professor of Moral Philosophy at Delft University of Technology. Van den Hoven is Vice Dean of the Faculty of Technology, Policy and Management. He is Scientific Director of the Centre for Ethics and Technology of the Three Technical Universities in The Netherlands (www.ethicsandtechnology.eu) and Editor in Chief of *Ethics and Information Technology* (Springer). He has published numerous articles on Ethics and ICT. He recently published "Information Technology, Privacy and The Protection of personal Data" in: *Information Technology and Moral Philosophy* (eds. Van den Hoven & Weckert) Cambridge University Press, 2008. He is Editor in Chief of the Springer On-line Encyclopedia of Applied Ethics TERP (The Ethics Reference Project) with Seumas Miller and Thomas Pogge. Prof. Van den Hoven has received several grants from the Dutch Research Council on Ethics and Information Technology and related subjects. Van den Hoven has served in recent years as member of ISTAG (IST Advisory Group to EC ICT and New Media). He has been advisor to the Dutch Government in various roles, e.g. as member of a commission that studied the re-design of the population registration system in the Netherlands (Modernising GBA), as a member the commission that evaluated wiretapping in accordance with art 13 of the Telecom Law in The Netherlands (established by the Ministry of Economic Affairs, 2004-2005).



Rob VAN KRANENBURG The Internet of Things Council

Rob van Kranenburg is a teacher and a writer. He wrote *The Internet of Things*. A critique of ambient technology and the all-seeing network of RFID, *Network Notebooks 02*, *Institute of Network Cultures*. He is co-founder of *bricolabs* and the Founder of *Council*. Together with Christian Nold he recently published *Situated Technologies Pamphlets 8: The Internet of People for a Post-Oil World*. He ranks nr 6 on the top 100 IoT thinkers list of *Postscapes*. He is a member of the IoT EG of the European Commission and Chair of the Working Group *Society of the IoT Forum*. From 2012 he is External Stakeholder Coordinator of IoT-A.



Peter VAN ROSTE Council of European National Top Level Domain Registries (CENTR)

Peter is General Manager of CENTR, the association of Internet Country Code Top Level Domain Registries such as .uk in the United Kingdom and .es in Spain. Peter is responsible for the day to day management of the organisation and represents the organisation at all international and national institutions, organisations and associations. Before joining CENTR in 2006, Peter worked as Director European Government Relations at eBay and UUNET. Before joining CENTR in 2006, Peter worked as Director of European Government Relations at eBay and, prior to that, as Legal Counsel, International Regulatory Affairs for UUNET and WorldCom in Brussels. His work focused on Cybercrime, Data Protection and Intellectual Property issues. He also served as President of the European Internet Service Provider Association (EuroISPA) and ISPA Belgium, and was a board member of ICRA and INCORE. After graduating Law School from the University of Ghent, Peter studied at Queen Mary and Westfield College in London where he obtained an LL.M. in Computer and Communication Law.



Cristina VELA European Telecommunications Network Operators' Association (ETNO)

Cristina Vela has 15 years of experience in the electronic communications sector. Cristina is the Chairperson of ETNO WG on Data Protection and Information Security since December 2002. Over that period, she has been coordinating the ETNO WG positions and has been deeply involved in the debates regarding data protection, privacy and security at the EU level. Cristina joined the Telefónica Permanent Representation Office in Brussels in 1996. Since that date, Cristina has been holding various legal, regulatory and public affairs position in Brussels and at Telefónica Headquarters in Madrid. Cristina holds a masters degree in International and European Law from the Catholic University of Louvain in Belgium. She previously graduated in Law at the University of Balearic Islands (Spain).



Luis VELASCO

European Data Protection Supervisor (EDPS)

Current Position:

Data Protection Policy Advisor at European Data Protection

Supervisor

Past

- IT Project Manager at European Commission - DGEMPL
- Head of Sector e-Justice at Red.es (Ministry of Industry of Spain)
- Senior Telecom Management Consultant at Cluster Consulting/DiamondCluster International/Oliver Wyman
- Project Manager at British Telecom

Education

- MBA (Instituto de Empresa of Madrid)
 - MSc in Telecom Business (Univeristy College of London)
 - MSc in Telecom Engineering (Universidad Politécnica de Madrid)
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Ovidiu VERMESAN

IoT European Research Cluster (IERC)

Dr. Ovidiu Vermesan (Member IEEE) holds a Ph.D. degree in microelectronics and a Master of International Business (MIB) degree and has 24 years of experience in Electronics and Telecommunications. He is Chief Scientist at SINTEF Information and Communication Technology, Oslo, Norway. Dr. Vermesan received SINTEFs 2003 award for research excellence for his work on the implementation of a biometric sensor system. He is currently working with projects addressing nanoelectronics integrated systems, communication and embedded systems, integrated sensors, wireless identifiable systems and RFID for future Internet of Things architectures with applications in green automotive, internet of energy, healthcare, oil and gas and energy efficiency in buildings. He is involved in the activities of the European Technology Platforms ENIAC (European Nanoelectronics Initiative Advisory Council), ARTEMIS (Advanced Research & Technology for EMbedded Intelligence and Systems), EPoSS (European Technology Platform on Smart Systems Integration). Dr. Vermesan is the coordinator of the IoT European Research Cluster (IERC) of the European Commission.



Rolf H. WEBER
Zentrum für Informations- und
Kommunikationsrecht der Universität
Zürich (UZH)

Dr. Rolf H. Weber is ordinary Professor for Civil, Commercial and European Law at the University of Zurich, Switzerland, and a Visiting Professor at the University of Hong Kong. His main fields of research are Internet and Information Technology Law, International Business Law, Media Law, Competition Law and International Financial Law. Rolf H. Weber is director of the European Law Institute and the Center for Information and Communication Law at the University of Zurich. Since 2008 Rolf H. Weber is member of the Steering Committee of the Global Internet Governance Academic Network (GigaNet) and of the European Dialogue on Internet Governance (EuroDIG) and since 2009 he is member of the High-level Panel of Advisers of the Global Alliance for Information and Communication Technologies and Development (GAID). Besides, he is engaged as an attorney-at-law and as a member of the editorial board of several Swiss and international legal periodicals and serves as expert for several international and national organizations in his wide-spread fields of research. Prof. Weber has intensively published in form of books and peer-reviewed articles on matters of Internet Governance, of the Internet of Things, of international financial law and generally on global governance. His research focus lies on the legal problems related to his research topics, in particular the strengths and weaknesses of possible regulatory regimes.



Patrick WETTERWALD IPSO Alliance

Patrick Wetterwald is **Cisco** Product Manager for **Smart Grid, Sensor Networks, and Internet of Things (IoT)**. He held Cisco Engineering Manager positions within the tech center where he successfully led for the last 8 years advanced technology projects in the domain of wireless sensor networks, wireless communication, layer 3 mesh and IPv6 network mobility. He developed strong relationship with market leader companies. He is a founder and past President of the **IPSO alliance** (IP for Smart Objects), worldwide non profit association, which aims at promoting the use of IP in networks of smart devices. He is the co-chair of the communication architecture work group for the European Mandate on Smart Grid (M490). Before joining Cisco, Patrick spent the last 25 years in the telecommunication industry where he held several engineering management positions within **Lucent Technologies** (France and Milpitas California) and within **IBM**. He started his career developing flight simulators for **Airbus** (A3xx series) and Boeing 747. He graduated from the Ecole Nationale Supérieure des Télécommunications de Bretagne. Patrick filed 49 patents and got Project Manager Professional (PMP) certification in 2001.



Duncan WILSON European Construction Technology Platform (ECTP)

Duncan Wilson is an Associate Director at Arup in London and is responsible for researching medium and long term futures with a focus on social and technology factors. He develops foresight and innovation capability within Arup, co-created the Drivers of Change concept (<http://www.driversofchange.com>) and has a personal research focus on ubiquitous computing in the built environment (<http://www.driversofchange.com/emtech/>). His EU and nationally funded research merges interests in sensing and monitoring and creating interactive, ambient displays that solicit and feedback information with the intent of influencing behaviour. Duncan is a Chartered Engineer (IET), has a PhD from University College London in Artificial Intelligence and Machine Vision and comments on work at <http://twitter.com/djdunc> and can also be found at <http://www.linkedin.com/in/duncanwilson/>
