



Avi Barel, ULE Alliance

Avi has over 30 years of broad high tech experience, ranging from software development, semiconductor, engineering and business management. Avi joined the ULE Alliance in April 2013 as the Director of Business Development and actively leading the promotion of the ULE technology worldwide. Prior to ULE Alliance, at DSP Group, served as the Corporate Vice President of sales for 8 years. Before joining DSP Group established and managed Winbond subsidiary in Israel for 5 years, developing semiconductor products for speech processing and communication, managing team of 50+ engineers. At National Semiconductor held variety of engineering, engineering management and business management positions; involved in development and management of award winning, innovative projects. Avi holds M.Sc. degree in Computer Science and B.Sc. degree in Mathematics and Physics from the Hebrew University in Jerusalem



Martin Bauer, NEC

Dr. Martin Bauer received his MSc in Computer and Information Science from the University of Oregon, USA, in 1998, and both his Dipl. Inf. and his doctorate degree from the University of Stuttgart, Germany, in 2000 and 2007 respectively. The title of his dissertation is "Observing Physical World Events through Distributed World Models". In 2005 he joined the NEC Laboratories Europe (NLE). He is now a Senior Researcher and is/has been working on the European projects MobiLife, SPICE, MAGNET Beyond, SENSEI, IoT-A, IoT-i, FI-Ware, FI-Core, SMARTIE and FIESTA. Since 2013 he has been active in oneM2M standardization, where he is one of the key drivers regarding the introduction of semantic aspects. He has (co-) authored more than 35 technical papers and has also been active as peer reviewer and program committee member for several journals, conferences and workshops.



Hans Werner Bitzer, Deutsche Telekom Innovation Laboratories

Hans Werner Bitzer has an academic education in philosophy and knowledge engineering. From 1988 to 1992 he worked as group manager „Interactive Video Systems / Multimedia“ in the Olivetti Research Lab in Nuremberg. In 1992 he started to work as project manager in Deutsche Telekom’s R&D department in Berlin where he worked on Multimedia Tele Services, Interactive Digital TV, and the convergence of TV & Internet. In 1999 he became Head of Section Smart Home Solutions / eHome and was Technical Manager of Deutsche Telekom’s TeleHome Platform Project. In 2008 he joined Deutsche Telekom Laboratories leading the group Home Platform which started the definition and development of the QIVICON platform, DT’s Smart Home partner platform on the market since 20013. His focus currently is on IoT/M2M architectures and technologies in general including industrial settings. He also represented Deutsche Telekom in standardization groups like ISO MHEG, DAVIC, DVB, and served on the Board of the OSGI Alliance for more than 10 years. He is currently vice-chair of the Board of the Home Gateway Initiative (HGI).



Josef J. Blanz, Qualcomm

Dr. Josef J. Blanz is a principal engineer with Qualcomm’s Standards and Industry Organizations Group. He coordinates Qualcomm's participation in M2M and IoT related standards and industry fora, conducts related internal design work and serves as an interface to business development, product management and engineering teams. From 1990 through 1993 Josef worked on design and implementations of physical layer algorithms for mobile radio systems in custom-designed integrated circuits at the Centre for Microelectronics at the University of Kaiserslautern, Germany. In 1993 he joined the Research Group for RF Communications at the University of Kaiserslautern where he investigated baseband processing techniques in multi-antenna receivers for 3rd Generation mobile radio systems. Josef joined Qualcomm Inc. in 1998 focusing initially on smart antenna processing for CDMA base stations. From 1999 to 2009 Josef participated in 3GPP as Qualcomm’s lead on radio and baseband performance requirements. During that

phase, he lead a number of internal R&D projects with main focus on HSPA physical layer enhancements, such as MIMO for HSDPA. In 2009 he started to coordinate Qualcomm's activities in M2M and IoT standards and industry organizations with technical focus on M2M service layers. Josef was actively involved in the creation of the global initiative oneM2M and serves as Qualcomm's lead in oneM2M. Overall, Josef looks back at more than 20 years of experience in communication systems design and more than 15 years of experience in standardization. Josef holds a Master's degree (Dipl.-Ing.) and a Ph.D. degree (Dr.-Ing.) in electrical engineering, both from Technical University of Kaiserslautern, Germany.



Angel Bóveda, Wireless Partners S.L., Member of the Program Committee

Angel Bóveda is the CEO and founder of Wireless Partners S.L., an ICT consultancy firm specialized in wireless technologies, Internet of Things (IoT), standards and regulation. He received the Telecommunications Engineering degree by the Universidad Politécnica de Madrid (UPM) in 1989, and the Master in Business Administration (MBA) by the Instituto de Empresa in 1991. His main lines of interest are wireless technologies and Internet of Things. It is an authority expert on DECT and other wireless technologies. He was the rapporteur and the principal architect of DECT Ultra Low Energy (ULE) technology. Mr. Bóveda was elected ETSI Board member (mandates 2011-2014 and 2014-2017) and is currently one of the co-leaders of the Board IoT (Internet of Things) strategic group.



Benjamin Cabé, Eclipse Foundation

Benjamin Cabé, Internet of Things Evangelist at the Eclipse Foundation, has years of experience in connecting things, big and small, together. He is the co-founder of the Eclipse IoT Working Group and speaks at many conferences around the world.



Rafael Cepeda , InterDigital

Dr Rafael Cepeda is leading the Societal Challenges and Internet of Things (IoT) activities for the InterDigital's European office in London. Rafael holds an MBA and an MSc in Financial Management from the Rotterdam School of Management (RSM), and a PhD and MSc degrees in Communication Systems & Signal Processing, both from The University of Bristol. He joined InterDigital from British Sky Broadcasting plc (BSkyB), where he led research on future wireless technologies. Before this position, he was a Principal Research Engineer at Toshiba Research Europe Ltd. His more than 14 years of professional activities have conducted to several publications and granted patents. Rafael is a Chartered Engineer, Fellow of the Institution of Engineering and Technology, Senior Member of the IEEE, and a Sainsbury Management Fellow.



Nicolas Damour, Sierra Wireless, Member of the Program Committee

Nicolas Damour is Senior Manager for Business and Innovation Development at Sierra Wireless. He holds a telecommunications engineering degree and a master degree in innovation management and has been working since 2000 in various European and North American countries in the IT and telecommunications industry. At Sierra Wireless, he is responsible for M2M standardization activities and for innovation projects with industry partners, strengthening Sierra Wireless' position as the global leader in M2M devices and cloud & connectivity services. He has been participating in the ETSI M2M (now SmartM2M) Technical Committee since 2010, regularly attends 3GPP and GSMA meetings and is also very active in oneM2M- as chairman of the oneM2M Architecture Working Group. He currently lives in Toulouse, France.

Emmanuel Darmois, Comledge

Emmanuel has over thirty years of experience in various positions in academics and in the ICT industry. He has started as a Computer Science professor and researcher in Artificial Intelligence and Expert Systems. For over 20 years, he has been working with Alcatel-Lucent in various positions in Research, R&D and operational business. In his last position there, he has been VP Standards: this is where he caught the 'standards virus' that turns any reasonable engineer into a standards propagandist.

He is ETSI Vice-Chairman of the Board, and chair of the Operational Coordination Group. He is very active Smart Grids (convener of the Methodology work group in the Smart Grids Coordination Group), Smart Cities, and Cloud Computing (he has been the coordinator within ETSI for the Cloud Standards Coordination initiative).

He is the co-founder and CEO of CommLedge. His current work includes the coordination of Cloud Standards Coordination Phase 2, on behalf of ETSI and the European Commission.

Avihai Degani, IPGallery

Mr. Avihai Degani is an entrepreneur with over 35 years of highly successful business management and engineering experience in managing software development and system integration of complex telecommunications systems with exceptional, vast expertise in software architecture and hardware design.

Avihai established IPgallery with the vision to deliver software-based solutions and communication technology along with advanced multimedia applications to the emerging communication service providers' marketplace. Since IPgallery's corporation in 2000, the company has designed, developed and successfully deployed a wide range of solutions meeting the ever changing and evolving communication needs, including softswitches, Rich Communication Services, Internet of Things (IoT) and Connected Living (mHealth, mEducation, mAutomotive, Smart City etc.) solutions and more.

Avihai is a known visionary spokesman in Industry. Thus is selected to join various diplomatic delegations including the recent official visit of President Shimon Peres to Latin America, Foreign Minister Avigdor Lieberman's trip to South America, and others.

Omar Elloumi, Alcatel-Lucent Bell Labs, Member of the Program Committee

Omar Elloumi is a Head of M2M and Smart Grid standards within Alcatel-Lucent CTO. He is the recently elected chair of oneM2M Technical Plenary after having led the oneM2M Architecture group delivering the first release of specifications.

Omar joined Alcatel-Lucent in 1999 and held several positions including research, strategy and system architecture. He holds a Ph. D. degree in computer science and served on the ATM Forum and IPSphere Forum Board of Directors. Omar Elloumi is coeditor of books on M2M communications and Internet of Things published in 2012. He is also involved in program committees of several international conferences on M2M and IoT.

Francois Ennesser, Gemalto, Member of the Program Committee

François has been involved in security standardization activities since 1999, starting with contributions to the definition of the multi-purpose "UICC" smartcard platform in ETSI TC SCP. He participated to the definition of secure over-the-air protocols for remote management in ETSI and TIA and was a leading contributor in the definition of an enhanced communication interface for the UICC. He initiated and chaired the initial Inter-Chip USB Working Group, which defined a low power embedded adaptation of the USB interface within the USB Implementers Forum. He has been focusing on Machine to Machine standardization since 2008 and is currently chairing the Security Working Group of the oneM2M partnership Project. He contributes to EU level initiatives on Smart Grids with a focus on critical infrastructure protection and privacy preservation. He holds a French Engineer's degree from ESIEE and a Master of Science in Electrical Engineering from the University of Southern California.

Bruno Fiès, CSTB

Bruno Fiès is a senior research engineer in the field of Information and Communication Technologies. He started his contribution with CSTB (French research center in Building and Construction) working on Electronic Data Interchange related to the Construction Sector. He naturally moved from information exchange to knowledge management. His main field of interest is now on Semantic web technologies applied to the Construction Sector with a specific focus on

energy efficiency issues from the Building to the City scale. He has been and is still involved in National and European Research Projects.



Ken Figueredo, 'More-with-Mobile'

Ken Figueredo founded 'More-with-Mobile' to advise companies on the business opportunities associated with connected devices. His project assignments focus on business innovation, market analysis and strategy in the M2M/IoT market. Ken is currently working with several companies that are commercializing IoT-platform services and solutions based on the oneM2M standard.

In earlier consulting projects, Ken advised the GSMA in assessing new market-opportunities for the mobile industry. This led to the launch of the GSMA's Connected Living market development campaign to evangelize the much larger commercial opportunity beyond industrial M2M.

Ken has also worked with mobile network operators and technology vendors on IoT strategy, service innovation and horizontal-platform requirement topics. He is a regular speaker at Mobile World Congress, Mobile Asia Expo and Telco2.0/New Digital Economics events.

Earlier in his career, Ken was the Managing Director for Consulting at Pyramid Research. Prior to this, he set up the U.S. East Coast office for AnalysysMason.



Jose Antonio Galache, University of Cantabria

Jose Antonio Galache is Senior Researcher at the Network Planning and Mobile Communications Laboratory, within the University of Cantabria in Spain. He received both the Telecommunications Engineering and Ph.D. degree by the University of Cantabria in 2004 and 2013, respectively. His main lines of research are related with wireless routing protocols, WSNs technologies, middleware platforms for managing heterogeneous networks, M2M communications, IoT deployments and Smart Cities, all of them developed through the active participation in different European projects. Among these projects, just to highlight SmartSantander project that contributed to provide a European experimental test facility for research and experimentation on architectures, key enabling technologies, services and applications for the Internet of Things in the context of the smart city of Santander. Currently participating in two Europe-Japan collaborative projects, ClouT and Festival, both focus on sharing experiences and services in the smart city context by applying cloud computing to manage vast information provided by dense IoT deployments, as well as generating federation tools for jointly managing these IoT deployments, respectively. Finally, he is author of more than twenty articles in national and international journals and congresses.



Pierre Girard, Gemalto

Pierre Girard is a Security Solution Expert in the M2M business unit of Gemalto. He's focusing on the automotive and energy market segments where he co-designs security solutions with Gemalto customers and partners. In recent past, he was Principal investigator for smart cities in the Strategy and Innovation division where he was in charge of Gemalto positioning in this area, including research, prototyping, business incubation, IP and standardization. Before that, Pierre has managed the security architecture team in Gemalto security labs for more than 10 years. Pierre holds a Habilitation and a PhD in computer security.



Svetlana Grant, GSMA

Svetlana has over 15 years of experience in mobile industry. She has been a part of the GSMA's Connected Living Program since 2009, working on the development of the Embedded Mobile Guidelines. Thereafter she has managed the Smart Energy and Smart Cities market development projects. Since March 2014, Svetlana has been leading the Future IoT Networks project, working with the industry to identify emerging IoT service requirements.

requirements.

**Sebastian Hans, GlobalPlatform**

Mr. Hans currently serves as Principal Member of Technical Staff at Oracle, previously Sun Microsystems Inc., where he is responsible for all smart card standardization activities with a strong focus on SIM and UICC technology. While at Sun Microsystems Inc, Mr. Hans has also headed up business development within the telecommunications market and has driven advanced pilot projects for the deployment of Java Card in the banking, insurance and mobile communication markets. Mr. Hans represents Sun Microsystems Inc. in ETSI SCP, 3GPP, OMA and is the Vice Chair of ETSI SCP TEC.

as Master degree from USA in the domain of high performance computing in 2002 and a Ph.D.

Mr. Hans has served as a GlobalPlatform Board Director since 2007.

Ali Hassan, HDE Labs

Ali Hassan, is an experienced software engineer who h degree from Telecom Bretagne in France in semantic engineering in 2012. During these years, Dr. Hassan worked in leading companies and research centers in the research and development of edge technologies.

Dr. Hassan provided consulting in the area of semantic engineering for several companies in Sophia Antipolis and in France in general. This include: feasibility study for semantic based projects, using semantic technology, choosing the right reasoning system, customizing reasoning systems, and building semantic based applications. These projects are either company projects (to produce industry products) or government funded projects, such as European Union Projects Horizon 2020.

In 2015, Dr. Hassan started his own project HDE Labs (please see www.hdelabs.fr) to provide semantic technologies. The main focus of HDE Labs is to provide scalable and high performance reasoning capability for big projects such as smart city, context aware services, interoperability of health systems, etc. Please see performance measures presented on the website.

**Ian Hay, Orange Healthcare**

Ian has worked in Telecommunications for over 25 years where he has performed a wide range of roles: initially focussing on designing and developing IT and Network support systems, culminating in creating an IT and Network department from scratch in Sweden; then moving on to a more strategic role scouting new technologies and how they might be internalised through concept development, prototyping and rapid development.

These roles provided Ian with a strong technical foundation that enabled him to move to International standardisation and Ecosystem development to lead global projects. The most notable project to date is the successful launch of the Universal Charger which involved negotiating in large multinational settings to reach consensus across manufacturers and mobile network operators.

More recently Ian is acknowledged as an expert in Health standards where he has acquired knowledge and understanding as a result of occupying several prominent positions within the Continua Health Alliance where he began by driving the Mobility Task Force.

In March 2012 Ian was unanimously elected as the Chair of the Technical Working Group at Continua, managing the expert group to deliver the Design Guidelines that form the basis of Interoperable healthcare standards that are increasingly being adopted globally

Leading on from driving the mobility and technology groups in Continua Ian was appointed VP of the Personal Connected Health Alliance in 2014.

Ian is also a leading contributor to the GSMA mHealth task force where he represents the mobile industry at the EU & COCIR Working Groups on medical software on regulatory impact and business models for mHealth.

**Jaehoon Jeong, Ministry of Science, ICT and Future Planning (MSIP) of the Republic of Korea**

Mr. Jaehoon Jeong is a Deputy Director at the Ministry of Science, ICT and Future Planning (MSIP) of the Republic of Korea. MSIP was established in 2013 to promote Korea's Creative Economy and is in charge of the country's overall science and ICT policy. He began his career at the Korean Broadcasting Commission, after which he moved to the Korea Communications Commission. During his career, he has built regulation reform plans for e-commerce and digital transition policy of multichannel video programming distributors. Currently, he is working in the Convergence of ICT and Industry Division at MSIP. His work is focused on fostering growth of the IoT industry and convergence between IoT and various industry sectors such as factories, healthcare, and home appliances.

Nicolas Jordan - Co-founder, Vice-President Marketing

Nicolas brings over 20 years of experience in business development and marketing in the world of IT and telecoms. He was a co-founder of NetCentrex and served as Development Director. Nicolas also headed the hosting division of Comverse IP Business Unit. Prior to that Nicolas was head of the electronic advertising platform for Hachette Filipacchi group. Nicolas graduated from New York University, Paris Dauphine and Paris Assas (MBA).

**Soumya Kanti Datta, EURECOM**

Soumya Kanti Datta is a research engineer in EURECOM, France and a Co-Founder of Future Tech Lab. His research focuses on generation of new ideas, development of next-generation technologies and standardization in Mobile Computing, Machine-to-Machine Communications and Internet of Things. He is an active member of IEEE Consumer Electronics Society. He has published more than 30 research papers in top IEEE Conferences and Journals. Soumya is a frequent speaker, participant and organizer at various IoT events including IEEE Conferences and other Workshops. Currently he is leading a Task Force on Discovery and Provisioning in W3C Web of Things Interest Group. When not travelling, he is in the process of deploying IoT to create a smart home prototype and test bed in his apartment.

**Achilleas Kemos, European Commission, Member of the Programme Committee**

Achilleas Kemos is Programme Officer for EU Policies within European Commission's Unit dealing with Network technologies, with a particular focus on standardisation activities. He is the Commission's representative in the key technical bodies related to Internet Protocol (IP) standards issues and IP address allocation policies (IETF and RIPE respectively) since 2012, bridging policy considerations with technology issues. In his career with the European Commission he has dealt with issues on Internet Governance, managing the EU Member States' High level Group on Internet Governance, ITU relations, Network and Information Security, and Digital broadcasting, where he was instrumental in the adoption of the "HD-ready" logo and HDTV interoperability. He holds a degree on Electronic Engineering from University College London, and post-graduate degrees in European Business Engineering and Project Management from the French Telecommunications University (ENSTB) and Université Rennes 1 respectively.

**Victor Y. H. Kueh, Huawei, Member of the Programme Committee**

Victor Y. H. Kueh works within the Corporate Strategy team at Huawei Technologies, responsible for standardization strategy and industry promotion, where he coordinates the company activity in oneM2M, and is actively participating in 3GPP SA1 focusing on 5G and V2X work, as well as IEEE P2413 on IoT architecture. He has been involved in several m2m/IoT initiatives at both UK, European and international level for the vertical industries including smart energy, smart manufacturing, smart transportation and smart cities. Prior to joining Huawei, Victor was the lead mobility network architect at BT, where he also coordinated BT's participation in, and across mobility and convergence standards bodies and industry alliances. He has

produced more than 30 technical publications in the form of book chapters and journal and conference papers, including two pending patent applications. He has served as a member of the technical committees and as a session/publication/publicity chair of many international IEEE conferences in the area of mobile/wireless communications and future wireless networks. Victor holds a B. Eng. in electronic and electrical engineering with First Class Honours, and a Ph.D. degree in mobile communications, both from the University of Surrey, United Kingdom.



Rémi Lascoux, Sierra Wireless

Rémi has been involved in device Standardization and Certification for more than 13 years, representing Wavecom, then Sierra Wireless, in several ETSI or 3GPP working groups and in the technical GCF subgroups.

Active Chairman of the 3GPP GERAN WG3 (GERAN Terminal Testing) and Sierra Wireless main representative in 3GPP GERAN, Rémi was deeply involved in the 3GPP Study Item on Cellular IoT, and is now following closely the 3GPP IoT Standardization in Rel-13, on both Core Specification and Conformance Testing aspects.

Stephane Lejeune, Cisco

As an Architect in the Chief Technology and Architecture Office of Cisco, Stephane Lejeune serves as the company's OIC representative and is actively involved in developing the required changes to the Core Framework standard to optimize it for the Internet of Everything. Stephane has 15 years of experience in embedded systems communications, having started his career working with proprietary solutions before moving to his current role in advocating for convergence to standardized protocols and open source implementations. He holds a Master of Science in Electronic Engineering from Vrije Universiteit Brussel.



Patricia Martigne, ORANGE, Member of the Programme Committee

Patricia Martigne has been working in the Innovation, Marketing & Technology Division of ORANGE, as a Standardization Manager for IoT Platforms and Services for about 4 years. Her current role in M2M Standardization includes active participation in oneM2M MAS (Management, Abstraction, and Semantics), in particular as a coordinator for the task of continuing HGI (Home Gateway Initiative) Smart Home technical achievements into oneM2M, in order to foster the convergence of IoT information models.

Before that, she had worked 16 years in other telecommunications aspects, including fruitful experience on cellular base stations in Nortel R&D for 5 years, on radiocommunication regulatory aspects in ANFR for 4 years, and in France Telecom R&D for 7 years first promoting new technologies such as Ultra Wide Band IEEE 802.15.4a, or cognitive radio, then as an R&D Project Manager for Home Automation, being also active in ETSI M2M TC as the WG1 (Service Requirements) Chair and the Rapporteur of the related Specification.



Svetoslav Mihaylov, European Commission

Svetoslav Mihaylov is a Policy Officer in Smart Cities and Sustainability Unit at the European Commission's Directorate-General for Communications Networks, Content and Technology. His areas of responsibility include Smart appliances, urban ICT platforms, sustainable data centres, etc. The unit is charged with developing policy around ICT contributions to sustainability and smart cities, It is also responsible for R&D activities on ICT and sustainability.

In the period 1999-2013, Svetoslav Mihaylov held different positions at the largest telecom operator in Belgium Proximus (Belgacom Mobile SA)/Belgacom SA and was responsible for introducing new technologies, creating network solutions, defining the strategy and roadmap, etc. Prior to this he worked on a contract for the European Commission's DG XIII Telecommunications and several other organisations/companies.

He has an MSc in Telecommunications from Technical University of Sofia (plus Technical University of

Denmark), postgraduate diploma in Wireless Telecommunications from Oxford University and postgraduate credit in Political and Economic Systems from Georgetown University.



Paolo Pagano, CNIT

PAOLO PAGANO received his Ph.D. degree in High Energy Physics from Trieste University having worked for the COMPASS collaboration at CERN (Geneva, CH). In 2006 he received a Master in IT from Scuola Superiore Sant'Anna in Pisa (I). From 2009 he is with the National Inter-University Consortium for Telecommunications (CNIT, <http://www.cnit.it>), leading the Networks of Embedded Systems area in Pisa (NoES, <http://noes.sssup.it>). His research activities ve a specific focus on Wireless Sensor Networks and Vehicular Networks. He manages research grants in the domain of Intelligent Transport Systems and Smart Plants. He is the acting director of the new “Joint Laboratory of Advanced Sensing Networks & Communication in Sea Ports” with the Livorno Port Authority (<http://www.porto.livorno.it/en-us/homepage.aspx>). He is participating (on behalf of CNIT) to the standardization committees ISO-TC204/WG16, ETSI-TC-ITS, and ITU Collaboration on ITS. He co-authored more than 60 peer-reviewed papers to international journals and conferences.



Octavian Paunescu, HP

Software Engineer with more than 7 years working experience in IT industry: I scaled up from embedded system to backend services (mainly Java, Java EE). Delivered multiple projects to clients from banking, health insurance and telecom industries. Moving from telecom to the IoT area was thus a natural step.

More recently worked in integrating device protocols into the HP IoT platform.”



Joaquin Prado, Open Mobile Alliance

Joaquin Prado is the Director of Technical Programs at Open Mobile Alliance. Prior to joining OMA, Joaquin worked for Vodafone UK where he planned, defined, developed and implemented new products and services. In OMA, Joaquin is responsible for formalizing a series of program improvements across the organization. These programs range from lowering the cost of running the OMA Work Program to bringing in new tools and technologies, e.g. GitHub, XML Validation tools, etc. Joaquin is also responsible for the preparation and execution of OMA TestFests.



Dave Raggett, W3C

Dave Raggett is a member of the W3C’s European staff and is based in the UK. He currently focuses on the Web of Things. He has been involved in several European projects including PrimeLife, Serenoa, Webinos, MediaScape and Compose. Dr. Raggett has been closely involved with web standards since 1992, including early work on HTML and HTTP, and work on MathML, VoiceXML, multimodal interaction, model-based UI design, device APIs and most recently on Web payments.



Jasper Roes, TNO

Jasper works for TNO (Netherlands Organization for Applied Scientific Research) as a business consultant and project manager in the field of semantic interoperability and standardization. In this function he advises organizations in different sectors and branches that are working with or on digital collaboration. Next to advising organizations Jasper is also involved in project that design and create (open) standards that can be used to exchange information between organizations and devices. Jasper focuses on using ICT to make collaborations between companies and devices smarter and more profitable for all organizations involved. Jasper has a special interest in the Internet of Things.

**Enrico Scarrone, Telecom Italia, Member of the Program Committee**

Enrico Scarrone joined the R&D division of Telecom Italia in 1992.

Participation and promotion of early studies on integration of IP and mobile cellular networks in 3G.IP and in 3GPP (where he served as delegate from 1999 and as SA1 Chairman from 1996 to end 2011), has allowed him to stimulate the inclusion of all-IP solution and the IMS in 3GPP.

He was involved in several projects in technology planning and selection, testing, budget forecasts, RFI, RFQ in the mobile and FMC areas, developing a strong link between real networks and standardization/research. This includes technical consulting on mobile, fixed and IMS technologies in more than 15 countries around the world.

He was deeply involved in the foundation of ETSI TC M2M (serving as Chairman from 2011 and 1012) and oneM2M, in charge of developing a global multiservice system for IoT. He is also coordinator for IoT standardization in the Telecom Italia Technology department.

**JaeSeung Song, Sejong University**

Dr. JaeSeung Song is an assistant professor, leading the Software Engineering and Security group (SESlab) in the Computer and Information Security Department at Sejong University. He holds the position of oneM2M Test Working Group chair, IEEE IoT Architectures Standards Research Group chair and TTA IoT/M2M Convergence Special Project Group Vice chair. Prior to his current position, he worked for NEC Europe Ltd. (2012 – 2013) and LG

Electronics (2002 – 2008) as a leading standard senior researcher.

His research interests span the areas of software engineering, networked systems and security, with focus on the design and engineering of reliable IoT/M2M platforms, particularly in the context of semantic IoT data interoperability, secure software patch techniques and big data analytics. He received a PhD at Imperial College London in the Department of Computing, United Kingdom. He holds BS and MS in Computer Science from Sogang University.

**Willem Strabbing, ESMIG**

Willem Strabbing is Managing Director of the European Smart Meter Industry Group (ESMIG). In this position he is responsible for the ESMIG organisation, its strategy and the representation of ESMIG in Brussels. Before joining ESMIG, mr Strabbing was manager of the unit Intelligent Networks and Communication of KEMA Consulting. Mr. Strabbing has more than 25 years experience in advanced computer applications related to process automation.

The development European strategies related to the implementation of Smart Meters and Consumer Energy Management Systems on both political and technical level currently are in the main focus of Mr. Strabbing's work. He is involved in various discussions with stakeholders in Europe regarding these issues.

Mr Strabbing represents ESMIG in the steering committees of the Smart Grid Coordination Group and the Smart Grid Task Force and he is chair of the Smart Meters Coordination Group of CEN/CENELEC/ETSI.

**Saied Tazari, Fraunhofer IGD)**

After graduation in Informatics from Technische Universität Darmstadt in Germany, Saied Tazari was 1993-99 a technical consultant and manager in a large-scale project for Tehran municipality automation. In 2000, he joined the department "Mobile Information Visualization" at the Computer Graphics Center in Darmstadt. Since January 2007, he is cooperating within Fraunhofer IGD as associate head in the department "Interactive Multimedia Appliances".

His research interests are context awareness and service brokerage in Ambient Intelligence as well as semantic interoperability and interaction in AAL Spaces. Currently, he coordinates cip-reaal.eu, the large-scale piloting for universAAL. As the main coordinator of the successful community activity known as The Lecce Declaration, Saied Tazari is well known within the AAL community. In 2013, his concepts for explicit user interaction in AAL Spaces have been adopted by IEC as a publicly available specification.

**Arthur van der Wees, Arthur's Legal**

Arthur van der Wees is managing director of international law firm Arthur's Legal, with its headquarters in Amsterdam.

He is senior lawyer, entrepreneur, strategist and investor and frequent speaker worldwide, who has in-depth experience and is well-connected in the world of technology, data & global business. For instance he is member of the European Committee Cloud Select Industry Group on cloud computing & SLA's (C-SIG SLA), co-author of the EC Cloud SLA Standardisation Guidelines, co-contributor to ISO norms such as ISO/IEC 19086, co-author of CSA's Privacy Level Agreement 2.0, member of the EC's Alliance IoT Innovation (AIOTI), and consortium partner to DG Connect H2020 project, SLA Ready. One of his other ventures is Zapplied Platform, based in Amsterdam and New York, which combines cloud technology & artificial intelligence with document & deal automation and social collaboration.

**Laurent Velez, ETSI**

Laurent is a technical expert in the ETSI Centre for Testing and Interoperability (CTI.) he has worked in the ETSI Secretariat since 2008, where he is responsible for developing and validating test specifications. His area of work is wide, with a special focus on oneM2M and Internet Of Things technologies. He is also involved in the Electronic Signatures domain, being responsible of ESI Plugtests and Trusted Lists projects with European

Commission.

Originally from France, he received an Engineering Diploma/MSc in electronics and computer engineering from the Ecole Nationale Supérieure d'Electronique, Informatique et Radiocommunications de Bordeaux. Before joining ETSI he was working in Ericsson and Siemens in Mobile Network Area, and then in Nortel, in the field of data routers and switches products.

**Anthony Wiles, ETSI**

Anthony is currently the Director of ETSI's Centre for Testing and Interoperability. He has a BSc in Applied Physics and an MSc in Computer Science. His experience ranges from running his own business in the UK to managing Swedish operator Telia's Requirements Engineering Lab in Stockholm. Prior to joining ETSI in 1995 he was with Ericsson, facilitating the introduction and deployment of advanced testing approaches in the company.

His contribution to the Institute is many years of experience in industrial hardware and software development and testing, coupled with extensive participation as a delegate and official in standardization activities, including ISO, ITU-T and ETSI Technical Committees.

Anthony was deeply involved in the development of the widely used testing methodology, ISO/IEC 9646 and was leader of the ETSI Specialist Task Force that developed the first edition of the globally standardized testing language, TTCN-3. His philosophy of technical quality combined with a continuous effort to apply the latest yet pragmatic approaches to specification and testing is evident in the team's hands-on support to the ETSI membership.