Basil Ahmed, Deutsche Telekom - NFV Security

Basil Ahmed has been associated with Deutsche Telekom since more than two years. He is part of the innovation team in Deutsche Telekom that is developing the next generation high speed network architecture code named 'TeraStream'.

Basil has been working with the TeraStream team in various capacities first as student then as a Business Analyst through external company and recently joining Deutsche Telekom as Front end Data Center and Security Expert.

He is responsible for development and implementation of NFV orchestration framework around CI/CD principles to automate the deployment of VNFs. I am working around new concepts to build/test/deploy VNF that meet security requirements approved by Deutsche Telekom Group Security.

Basil received his Master of Engineering Degree in Information Technology from Frankfurt University of Applied Sciences in 2015 and previously completed his Bachelor from Pakistan in Electronics Engineering.

François Ambrosini, IBIT – 5G Security

François Ambrosini obtained his engineering degree in electronics and signal processing combined with a master's degree in computer networks and telecommunications from ENSEEIHT, Toulouse, France, in 2003. Among other activities he was involved with radio technology development at Sagem Défence & Sécurité and later in the standardisation of mobile TV systems at Motorola. Mr. Ambrosini operates an office for consulting in information technology and telecommunication security since 2012. His current activities span Reconfigurable Radio Systems security, IoT security, attribute-based cryptography for access control, and language-theoretic security.

Carmine Auletta, InforCert - eDelivery

Carmine Auletta is InfoCert's Chief Innovation Officer where he is responsible, among other things, of Innovation, New Products Development, Strategic Planning and International development.

Prior to joining InfoCert, Carmine gained 12 years of work experience in the energy sector working for Terna where he covered the role of Chief Technology Officer and VP of Marketing and Innovation. While in Terna, Carmine was also designated Chairman of CASC Audit Committee, the European central auction office for cross-border energy transmission capacity with a Net Turnover of 1.8 bln€.

Previously, Carmine gained 10 years of international work experience within Bain & Company and Accenture. Carmine studied in Italy where he earned a Bachelor's degree in Computer Science and a Master's degree in Telecommunications; he completed his academic background in the USA with an MBA from the Kellogg North western University. He has published several papers on Physical Review B and Physica C.

Gábor Bartha, European Commission – eIDAS + eDelivery

Gábor Bartha works for Unit H4 (eGovernment and Trust) at Directorate General Communications Networks, Content and Technology (CONNECT) as a legal/policy officer.

He is responsible for the eIDAS domain. Previously he was assigned to the eIDAS Task Force with the same duties. He is responsible primarily for legal aspects of electronic identification and trust services since 2009. Now he is the leader of the legal team responsible for eIDAS.

Previously he worked in DG Competition on antitrust cases.

A Hungarian lawyer by training, before coming to Brussels, he worked in Bogsch and Partners Law Firm in Budapest dealing with business and IT law representing multinational companies.

Gil Bernabeu, GlobalPlatform - Standards & Legislation

Mr. Bernabeu was elected as GlobalPlatform's Technical Director in 2005. His main role is to drive forward the development of GlobalPlatform Specifications to deploy secure services. Mr. Bernabeu also acts as GlobalPlatform's central technical liaison point, coordinating the efforts of the organization's three technical committees - Card, Device and Systems - and the GlobalPlatform Task Forces with external partners. In his role as Compliance Secretariat within GlobalPlatform, he ensures that all elements of GlobalPlatform-based solutions are interoperable and offer backwards compatibility with previous technology releases. Prior to becoming GlobalPlatform Technical Director, Gil served GlobalPlatform as the Chair of the Systems Committee for over two years.

Mr. Bernabeu is Technical Marketing Manager for the Standardization and Technology Department at Gemalto. In this role, he supports Gemalto's marketing and product groups to deploy trusted and convenient digital services. Mr. Bernabeu previously held various managerial positions within Gemalto in smart card production, software product development, engineering management. He also supervised the software development activities of 15 Gemplus personalization centers worldwide.

Luca Boldrin, ETSI STF 523 - eDelivery
Luca Boldrin received a Laurea (M.Sc) summa cum laude in Computer Science and a Ph.D in Computational Mathematics.
He presently manages innovation initiatives for InfoCert, a trust service provider based in Italy, after a career across different public and private institutions (National Research Council, Telecom Italia, SAS Institute, InfoCamere) in the role of software architect and analyst. His competence area is on trust services, identity management, distributed ledgers, innovation management.
Since 2005 he has been continuously involved in ETSI standardization activities related to digital signature and trust services, taking part to several task forces as an expert on electronic identity and electronic delivery. He was also involved in many European projects with a specific focus on the implementation of cross border digital solutions. He is presently one of the editors in charge of writing the European Standards on electronic registered delivery services.

Christophe Bonjean, Ernst & Young - eDelivery
Christophe is a cybersecurity consultant within EY's Advisory practice, with a focus on Information Security and Risk Management.
Through his knowledge and experience with WebTrust and ETSI audits for global organizations in the PKI ecosystem, Christophe acts as the scheme architect for the EY eIDAS Conformity Assessment Scheme through development and maintenance of the scheme, covering the conformity assessment process and describing the approach towards trust service scoping, the definition of conformity assessment criteria by taking into account relevant standards, performing the assessment and reporting to the supervisory body.

Johan Borendal, CTO TrustWeaver AB - eIDAS
Co-founder and Chief Technology Officer of TrustWeaver. Mr Borendal is responsible for maintaining technology leadership and product strategy for TrustWeaver, including leading TrustWeaver to become one of the first Qualified Trust Services providers under the new eIDAS regulation. Formerly Vice President Engineering for RSA Inc. and President for RSA Security AB. Mr Borendal has been an active member of CEN and ETSI for the last 10 years and served as the leader of CEN Electronic Invoice Working Group on integrity and authenticity.
More than 25 years of experience in managing the development of systems and service platforms for the IT security market. Has been on the Board of Directors of FollowIT, PharmaVision, Dynasoft AB and RSA AB. Currently a member of the TrustWeaver and Oneflow boards. Master of Science (1988) from the Royal Institute of Technology in Stockholm. Swedish nationality.

Charles Brookson OBE CEng FIET FRSA M.Inst.ISP - Azenby Ltd. Zeata Security Ltd..- Standards & Legislation
Charles worked in the Department for Business, Innovation and Skills of the United Kingdom Government for twelve years, and is a Professional Electronic Engineer. He previously was Head of Security for the UK mobile operator one2one, and worked in British Telecom for twenty years before that, in the last few years in the Chairman's Office. He has worked in many security areas over the last 40 years, including Cryptographic systems, secure designs, policies, auditing, and mobile radio for over 30 years. He now runs his own Company Zeata Security Ltd and is a Director of Azenby.
He was Chairman on the GSM Association Security Group for 25 years. He worked within GSM and 3GPP security standards, first chairing the Algorithm Expert Group way in 1986. He is Chairman of the ETSI TC CYBER. He was awarded an OBE for services to Telecommunications Security in 2015.

Scott Cadzow, Cadzow Communications Consulting ltd – Standards & Legislation – 5G Security
Scott Cadzow has over the past 20 years or so become a recognised standards development expert, primarily for security standards, in a number of International Standards Development Organisations including ETSI, ITU-T and ISO. In ETSI Scott is or has been the rapporteur for the TETRA security specifications, the suite of guidance documents for effective security standards development (covering Common Criteria, Risk analysis, and security requirements engineering) in technical bodies MTS and TISPAN, and has acted as an expert to a number of Specialist Task Forces in RRS, TETRA, TISPAN, HF, MTS, eHEALTH and AT-D. He has served as chairman of the ETSI ITS Security group and as vice-chairman of each of ETSI Project TETRA WG6 (Security), TETRA Security and Fraud Prevention Group (SFPG), and of the ETSI Lawful Interception group. Scott has contributed to reports from ENISA on network resilience, supply chain integrity and on measures to counter internet bullying. More recently Scott has been involved in a number of projects under the FP7/CIP/H2020 umbrella looking at security and privacy aspects of smart cities. This has led Scott to take a wider view at the whole interoperability conundrum and to address the need to look more deeply at the problems we will face with the IoT and dynamic self configuring equipment.

Matt Carus, NCSC – NFV Security Tutorial
Matt is a Security Researcher for NCSC and prior to that worked for CESG. He has more than 10 years' experience in Networking and Infrastructure Engineering and now focuses on security topics in cloud infrastructures. He has spent the last few years researching the security implications of the use of cloud infrastructures in telecommunications networks and what those implications might mean for operators, equipment manufacturers, regulators and the UK Government. An area of particular interest to him is that of host-originated attacks on virtual machines. Last year Matt provided a practical demonstration of a virtual machine compromise to ETSI Security Week delegates. Matt is active in TC Cyber and follows the work of the NFV Security Group.

Jasmine Jaegyong Chang - eDelivery
Currently I am working for NIPA (Previously, KIEC) in Korea and participating in ISO TC154 as a WG6 convenor. With PhD degree, I've worked in IT policy fields related to e-business and standards for about 20 years.
As work experience accumulated, 'trust issue' became important to my projects. While participation in ISO TC154, TC46/SC11 and TC171, I developed two ISO projects ; (1) ISO 17068, Trusted third party repository for digital records [ISO TC46/SC11] and (2) ISO 19626 Trusted communication platform for electronic documents [ISO TC/154] which is strongly related to ETSI e-Delivery project. And, another experience is the interoperability of messaging. About 10 years ago, KorBIT(Korea eBiz Interoperability Testbed) worked together with NIST and EU Athena project and AFACT's ebMS interoperability WG.
Recently, I announced 'e-Identity' presentations several times at UN/CEFACT forum, and chaired AFACT's Sharp WG (like 'registered e-mail') with Asian countries' delegations.

Mark Chaplin, Information Security Forum – Standards & Legislation
Mark Chaplin is a risk management leader in the Information Security Forum (ISF). With more than 25 years of experience, covering all aspects of information security, Mark helps global organisations and governments implement the most effective methods for managing information risk.
Mark is the principal author of the ISF Standard of Good Practice for Information Security, is a key player in the development of the ISF's extensive suite of risk management tools and has particular expertise in protecting organisations' most valuable information assets, such as business strategies, product designs and trade secrets. Mark believes in the careful balance of strong security governance, proven risk management techniques and ongoing security assurance, while meeting necessary compliance requirements. He regularly speaks at international conferences and actively participates in industry initiatives. His interests include topics such as psychology, data analytics and data visualisation, and how they can improve information risk management.

Tommy Charles – National Cyber Security Centre – NFV Security
Tommy has 15 years' experience in cryptography and cybersecurity at NCSC and its predecessor organisation CESG, designing and evaluating secure communications systems, and being an advisor setting security policies and improving security practices. He currently leads research into security technologies and is responsible for contributions to standards bodies, to ensure that the commercial market meets UK needs in future by there being suitable products available to enterprises and industries, especially in government and the public sector, and to ensure that critical infrastructures can be managed safely and securely. Interests include IoT and Cloud technologies, which present a particular challenge as connectivity becomes ubiquitous and transparent, and data moves from the enterprise to the commons.

Christian Ciochina, 1&1 Mail & Media Development & Technology GmbH - eDelivery
Christian Ciochina is the Head of Reliability Management at 1&1 Mail & Media Development & Technology GmbH, the main technical supplier of one of the world's most successful email provider.
He has been working in Information Technology for over 12 years and has over 5 years of experience in Information Security.
Prior to security consulting becoming his main profession, Christian Ciochina implemented highly scalable online service solutions, enabling more than 30 million customers to manage their emails and store their files online safely.
As an operations manager at 1&1 De-Mail GmbH he is responsible for the implementation and operation of De-Mail, a German E-Government communications service that makes it possible to exchange legal electronic documents between citizens, agencies, and businesses over the Internet.

Sonia Compans, ETSI, Security Week Project Coordinator
Sonia Compans is presently technical officer in the ETSI Committee Support Center. She is the point of contact for security matters within the ETSI Secretariat and supervises standardization activities carried out by Technical Committees on Cybersecurity (TC CYBER) and Electronic Signatures and Infrastructures (TC ESI). Her main assignment is to provide expertise in standards making so as to enhance the quality of the standards published

by ETSI. She also provides guidance on the ETSI procedures and coordinates the answers to and the execution of European Commission standardization mandates by the committees.

In the past, she provided support to committees dealing with human factors and accessibility, fixed networks, end-to-end network architectures, network technologies and Cloud. She also coordinated ETSI activities on Fixed Networks and their evolution to Future Networks, as well as on Content Delivery. She had a particular focus on communication and marketing aspects, contributing to the creation of introductory presentations, leaflets, and exhibition stand design, setting up workshops, and promoting through presentations at conferences. Previously she participated to the definition of the first Bluetooth accessories for mobile phones. She then worked for a SIM card manufacturer, first as a standardization engineer dealing with 3G SIM cards definition, then as product manager for 3G SIM cards.

Sophie Coutor, French Ministry of the Interior – Standards & Legislation
General administrator in the French Ministry of the Interior, in charge of digital standardization. Member of the ISO TC 307 dedicated to the blockchain. Member of the CEN-CENELEC- Cyber Security Focus Group (CSCG) Member of the AFNOR CN27SSI, involved in all the digital subjects linked with the Ministery of the Interior: cybersecurity, smart grids, smart cities, IoT, digital ID and biometry, any digital topic linked with sovereignty issues, Member of the security strategic committee in AFNOR.

Adrian Dabrowski, TU Wien – 5G Security
Adrian Dabrowski is PhD Candidate at TU Wien and Researcher at SBA Research. He published multiple papers on detection of fake base stations and their attacks.

Michaël de Boer, European Commission - eIDAS
Michaël de Boer works at the European Commission's Directorate-General for Informatics (DIGIT) as an IT Service Officer, managing among others the Connecting Europe Facility's (CEF) eSignature Building Block. CEF eSignature makes it easier to create and validate electronic signatures across borders, in line with the eIDAS Regulation and related standards. Notably, CEF eSignature provides the DSS open-source library and the Trusted List Manager application.

Olivier Delos, SEALED - eIDAS
SEALED is the association of the skills and expertise from two senior e-Security & e-Solutions consultants, Sylvie Lacroix (CISA) and Olivier Delos (CISSP, CISA), totalizing more than 40 years of experience in e-Security and trust services. They are European recognised experts in e-Signatures, e-Proofs, PKI and eID design & consulting, combining academic, business expertise in these matters. Olivier provides consulting services in the area of eSignature, eAuthentication and Identification, PKI, trust services and their business exploitation, trust model recognition and usages, whether in corporate, national or international infrastructure programs. He also has a pretty good experience with regards to the legal & regulatory aspects as well as with the assessment and standardization of these techniques. In Belgacom and then in Certipost, Olivier set up and managed the first Belgian Certification Service Provider issuing qualified certificates, providing time-stamping services and registered email. Since 2005, he advises numerous customers including international institutions, European and non-European governments (e.g. on eID, ePassports, eSignatures), corporate enterprises, the European Commission (e.g. CROBIES, IAS & IAS², Trusted Lists, CEF eSignature). He is also active in ETSI standardisation activities.

Marijke De Soete, Security4Biz, Member of the Programme Committee
Since April 2004 Marijke is offering business and technical consultancy services for systems and applications based on emerging technologies, in particular related to security. Before she was holding various positions at Europay and subsequently MasterCard, where she managed departments responsible for the security aspects of chip card based payment products including the development and operation of supporting services such as key management. From 1989 till 1994 Marijke worked for Philips where her team was in charge of the design and implementation of cryptographic protocols and security services using chip cards. She holds a Ph.D. in Mathematics from Ghent University (Belgium) and was more than 15 years involved in research in mathematics and cryptography. Marijke has been and is still active in several standardization committees in the domain of IT security and chip cards including ETSI, ISO, and GlobalPlatform. She was involved in the creation of EMVCo and acted as a Board member for several years. She is Vice-Chair of ISO/IEC JTC 1 /SC 27, IT security techniques since 2004.

Thibault de Valroger, DocuSign France - eIDAS
Thibault de Valroger is Senior Director for Business Development & Compliance at DocuSign France. By establishing strategic partnerships and opening new markets, he has contributed to the growth of the company since 2014. He is leading the Global Trust Network partner Program of DocuSign, and is responsible for the

eIDAS compliance of DocuSign in Europe. He boasts 15 years' professional experience in the domain of IT Security and digital transformation. He is also a graduate of Telecom ParisTech (1996).

Theo Dimitrakos, Huawei Technologies – NFV Security
Dr Theo Dimitrakos is the Head of Network Function Virtualization and Cloud Security research activities at the Huawei Technologies based in Munich Research Centre, Germany. He is also a Professor of Computer Science at the University of Kent, UK.
He has over 25 years of experience in ICT focusing on Trust and Security. Prior joining Huawei, he was a Chief Security Researcher at BT labs, UK, responsible for innovation strategy on virtualization and cloud security and the delivery of technological and business innovations to the market in close collaboration with BT's IT Services and Security product teams. He also advised ENISA, industry forums and start-up companies on technological development and policy making issues.
He has authored seven technical books, over seventy scientific papers and over forty patents. His innovation projects have received many industry awards and his personal awards include a silver core medal from IFIP.
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Patrick Donegan, HardenStance Ltd – 5G Security
Patrick Donegan is the Founder and Principal Analyst of HardenStance Ltd, a leading analyst firm providing best in class research, analysis and insight in telecom and IT security.
A lot of Patrick's research is focused on best practise for telecom operators in securing their own networks and providing security services to end customers. In recent years his research has focused increasingly on the security opportunities and threats presented by the telecom sector's efforts to evolve to more software controlled networking including the evolution in network security requirements from 4G to 5G.
Patrick has worked in the telecom sector for over 25 years, including in strategic planning roles for Motorola as well as for Nortel's mobile infrastructure business. Prior to forming HardenStance Ltd in January 2017, he worked for eleven years at Heavy Reading, the last three as Heavy Reading's Chief Analyst.

Ashutosh Dutta, IEEE 5G Initiative Co-Chair, AT&T – 5G Security and NFV Security Workshops – NFV PC Member
Ashutosh Dutta is currently Lead Member of Technical Staff at AT&T's Chief Security Office in Middletown, New Jersey. His career, spanning more than 30 years, includes Director of Technology Security at AT&T, CTO of Wireless at a Cybersecurity company NIKSUN, Inc., Senior Scientist in Telcordia Research, Director of Central Research Facility at Columbia University, adjunct faculty at NJIT, and Computer Engineer with TATA Motors. He has more than 90 conference and journal publications, three book chapters, and 30 issued patents. Ashutosh is co-author of the book, titled, "Mobility Protocols and Handover Optimization: Design, Evaluation and Application," published by IEEE and John & Wiley. Ashutosh currently serves as the Director of Industry Outreach for IEEE Communications Society and is IEEE 5G initiative Co-Chair. Ashutosh serves as IEEE Communications Society's Distinguished Lecturer for 2017-2018. Ashutosh obtained his BS in Electrical Engineering from NIT Rourkela, India, MS in Computer Science from NJIT, and Ph.D. in Electrical Engineering from Columbia University under the supervision of Prof. Henning Schulzrinne.

Mark Erlich, Estonian Information System Authority – eIDAS & Standards and Legislation
In background an IT engineer with 10 years of experience in eID and e-signature field. For a past 7 years I have been working with eID and e-Signature governance at Estonian state institutions. During this period Estonian default e-signature format has been switched from national standard to European standard. Today my main task is advising and managing eIDAS implementation at national level. This task includes a close cooperation with e-service providers, trust service providers and supervisors.

Igor Faynberg, CableLabs – NFV Security – NFV PC Member
Igor Faynberg, a 2011 Bell Labs Fellow, is an industry consultant and an Adjunct Professor of Computer Science in Stevens Institute of Technology. He represents Cable Television Laboratories in the ETSI NFV ISG, where he chairs the Security Working Group.
Prior to founding the Stargazers Consulting LLC in 2015, Dr. Faynberg had had various staff and management positions in Bell Labs and Alcatel-Lucent business units where he had contributed to various R&D projects, starting from the development of variants of Karmarkar algorithm for supercomputers, Intelligent Network and its interworking with the Internet, to Cloud Computing and Network Functions Virtualization.Most recently he directed a group that researched solutions for security and identity management problems and led their standardization in the ATIS, IETF, ITU-T, ISO/IEC, ETSI, and INCITS Cyber Security Committee.

Michèle Feltz, ILNAS - eDelivery
Michèle Feltz is working in the digital trust department of ILNAS, Luxembourg's Institute of Standardisation, Accreditation, Safety and Quality of Products and Services. Her work is focused on the supervision of trust service providers and on standardization related to information security and trust services. Before joining ILNAS, she worked as an information security expert at Luxembourg's National Commission for Data Protection. She received her Master degree in Mathematics from the University of Fribourg in 2010 and her Ph.D. in Information Security from ETH Zurich in 2014, with a thesis on strengthening the security of key exchange protocols. Her research results were published in high impact peer-reviewed international journals.

Sander Fieten, Chasquis Consulting - eDelivery
Sander Fieten has been working in various domains on electronic messaging and distributed database systems for over 15 years.
He is a member of various OASIS technical standardisation committees including BDXR and ebMS which he is chairman of, and is also a member of the ETSI STF on Standards for eIDAS trust application services, electronic registered delivery and registered electronic mail.
Sander is the lead developer of the open source AS4 gateway Holodeck B2B and currently works for Chasquis Consulting as eDelivery / AS4 messaging consultant.

Santino Foti, ETSI STF 523 - eDelivery
Santino Foti has an a great interest in modern telecommunication techniques and in 1992, while in University, he developed a gateway between the industrial X.400 messaging protocol and the emerging SMTP email. He holds a degree in Computer Science Engineer.
Early in Santino Foti's career, he developed an integration layer for a European X.400 messaging service. After some year, his company has been bought by Critical Path – a global provider of messaging services that, at the peak of the success, ran one-third of the World's email with own solutions. Santino Foti was the Competence Centre of "Registered/Certified Electronic Email". In particular, he managed different Registered Email solutions:
1. CNIPA/DigitPA compliant store-and-forward Registered Email (PEC – Posta Elettronica Certificata) provided to the biggest actors in Italy
2. Store-and-Notify Registered Email for the international Market
3. Mixed and custom solutions.
He is also working, on a periodically basis, for ETSI STFs since 2005.

Joao Rodrigues Frade, European Commission - eDelivery
Joao Rodrigues Frade is an Enterprise Architect in the European Commission, specialising in large eGovernment projects. In the last 15 years, Joao has participated in the development, implementation, deployment and evolution of the most important Trans-European Systems of the European Union. He is currently heading the Connecting Europe Facility (CEF) Building Blocks sector in the Directorate General for Informatics (DIGIT).

Florent Frederix, European Commission – Standards & Legislation
Dr Florent Frederix is a member of the cybersecurity and e-privacy unit and carries responsibilities in the domain of cybersecurity in the European Commission. He also is a Policy Fellow of the University of Cambridge in the domain of cybersecurity.
Before joining the cyber security team, he was Head of the RFID Sector from 2006 to 2012. This sector was responsible for the RFID policy and the emerging Internet of Things. Since January 2012 he is also Editor-in-Chief of the International Journal of Advanced Logistics.
In his 20+ year career before joining the EU Commission he held positions in industry. For over 10 years he was Research Programmes Manager at Alcatel and contributed as initiator of some of the more important projects, to Alcatel's success in ADSL. Prior to joining Alcatel in 1991, he was research and development coordinator of the team that developed the AESTHEDES computer aided design system for pre-press applications.
Florent holds Master of Science, Master of Business Administration and PhD degrees and has an educational background that spans Electronics, Computer Science and Economics.

Igor Furgel T-Systems - eIDAS
Igor Furgel is head of the certification body of T-Systems that is accredited for performing conformity assessments and issuing conformity certificates according to eIDAS and to German Electronic Signature Act.
He is an official expert of the United Nations Centre for Trade Facilitation and Electronic Business (CEFAKT) and member of different committees.He performs official training on Common Criteria security evaluation and participates in the development of Common Criteria evaluation methodology.

Riccardo Genghini, eWitness, ETSI TC ESI Chairman- eIDAS
Riccardo Genghini is a "one of a kind" lawyer: interested in the normative power of language as the pre-condition of natural law. He is influenced by the writings of Thomas Sebeok, Walter J. Ong, John Searle, Maurizio Ferraris, Steve Mithen, John Rawles, Lawrence Lessig, and Angus Maddison, with his research is focused on the changes of customary law as a consequence of digitalization.
The outcome of his research is that most problems in IT are design problems, not ontological problems. The next question therefore is "what is proper design"? On this path, he ended in being involved in the standardisation of digital signatures, documents, mails, archives and in designing his applications for such technologies.
From 2011 to 2015 he supported the EU Commission's in drafting of the Regulation 2014/910/EU (eIDAS Regulation) and is still working on its implementation through European standards as Chairman of ETSI-ESI and of the eSign Coordination Group.

Sebastian Gerling, CISPA, Saarland University – Standards & Legislation
Sebastian Gerling is the administrative head of CISPA at Saarland University. Since the foundation of CISPA in 2011, Sebastian played a major role in building up CISPA and establishing it as one of Europe's leading institutions for basic research in cybersecurity and privacy. Sebastian is author of several papers in the area of IT security and privacy that have been published in national and international journals and conferences. Before joining CISPA, Sebastian studied computer science and did his PhD with a thesis titled "Plugging in trust and privacy - three systems to improve widely used ecosystems". He is co-founder of the IT security initiative Saarland (IT-Sicherheitsinitiative Saarland) and has been working as IT security consultant since 2011.

Joseph Gersch, Colorado State University – NFV Security
Dr. Joseph Gersch is a faculty member in the Computer Science Department at Colorado State University in the United States. His areas of expertise are in Systems Security and Networking. His research and recent publications focus on the use of secure DNS as a platform for enabling security in a variety of areas such as authorization, authentication and credentials management as they relate to NFV and IoT, secure email, secure IP communication, IP route hijacking, botnet detection, and other applications. Dr. Gersch is also the president and CEO of Secure64 Software Corporation which provides commercial DNS solutions to telecom carriers and manages the development of novel security solutions based on DNS.

Steve Goeringer, CableLabs – NFV Security
Steve Goeringer is a principal security architect at CableLabs working on emerging technologies and innovation projects. He has recently worked on security of Network Functions Virtualization (NFV), Software Defined Networking (SDN), medical devices, and cable modems architecture. He has also been investigating innovations in integrating cryptography into cameras, blockchain solutions for the cable industry, and new approaches to securing home networks. He is currently supporting the Center for Medical Interoperability as the chairperson of the security working group.Prior to working at CableLabs, he worked as a consultant for Polar Star Consulting, LLC, providing technology leadership to government agencies. In this role, he researched WAN acceleration solutions, investigated Ethernet security, and performed engineering and technical selection of nationwide optical networks. Before that, he fulfilled several engineering roles at Qwest, including Technical Director of the Access and Transport Networks team.

Hans Graux, time.lex - eIDAS
Hans Graux is an ICT lawyer at the Brussels based law firm time.lex (www.timelex.eu), which specialises in information and technology law in the broadest sense. The team is internationally recognized, being a Legal 500 Top Tier firm in Information Technology, and Hans frequently acts as an expert advisor to the European Commission and to other public bodies.
Hans is a law school graduate with a complementary degree in ICT. He has participated in a large number of international ICT policy studies, and contributed to the preparation of the eIDAS Regulation on electronic identification and trust services. Recent work has focused on data protection, eSignatures, electronic identity management, cloud computing and information security. Furthermore, he is a member of the ICT Committee of the Council of Bars and Law Societies of Europe (CCBE), and Member of the ICT Committee of the Order of Flemish Bars.'

Edward Griffor, NIST – Standards & Legislation
Dr. Edward Griffor is Associate Director for Cyber Physical Systems at NIST. He was Walter P. Chrysler Technical Fellow and Chrysler Technology Council Chair. He has doctorate degrees from MIT and the University of Oslo and was named National Science Foundation/NATO Postdoctoral Fellow in 1980.

Dr. Griffor has taught in Oslo, Uppsala, Santiago de Chile and Harvard, MIT and Tufts. He has led research in mathematical methods for assurance , cyber physical systems and safety and security of autonomous systems. Dr. Griffor is Adjunct Professor at the Center for Molecular Medicine and Genetics of Wayne State University. Dr. Griffor's work on algorithms has impacted software design and autonomous systems. He has authored books Handbooks of Computability and System Safety and Security (Elsevier), Mathematical Theory of Domains (Cambridge) and numerous research papers and has given invited presentations to the AMS, Software Certification Consortium, SAE, US Federal Reserve and NASA.

Peter Haigh, National Cyber Security Centre – 5G Security
Peter Haigh is Technical Director for Telecommunications at the UK's National Cyber Security Centre. He is responsible for understanding the cyber security risk to the UK's telecommunications networks and works with major operators and vendors on improving cyber security practice. Peter is also involved in defining the UK government's approach to secure communications. He attends 3GPP's security working group, and has helped define the security of 3GPP's Mission Critical communications standard. Prior to his current role, Peter has a history of performing cryptographic and security evaluations, including evaluating the Blackberry handset for use by UK government over a decade ago. Peter is a Fellow of the Institute of Mathematics and its Applications and studied mathematics at Cambridge University and Nottingham University.

Simon Hicks, ETSI General Assembly Chairman - Standards & Legislation - Member of the Programme Committee
Simon Hicks is the Chairman of the ETSI General Assembly. He is a Principal ICT Technologist in the digital industry team of the UK Administration - Department of Culture, Media and Sport (DCMS) and is the first government official to be Chairman of the General Assembly. He is responsible for policy development for standards and technology activity in ICT, electronic communications and cyber security. He is the UK representative to the European Commission Multi-Stakeholder Platform for ICT standards and is active in a range of ICT standards and technology work.
Simon is a Chartered Engineer and began his civil service career in the UK defence ministry. He led a team designing and installing radio systems for the air force. He joined the trade and industry ministry in 2002 and has been involved in ICT standards work since then, including membership of the ETSI board. Outside of work Simon is an active member of his church and enjoys walking the family dogs.

Luis Miguel Huapaya, Gemalto – NFV Security
A budding white hat hacker at the age of 11, Luis has spent a lifetime playing around with computer security, either as a career or just for fun. A veteran of Microsoft with three startups under his belt including two security start-ups, Luis now exercises his creativity and unquenchable curiosity working at Gemalto as one of their senior security architects. The challenge of creating secure software ecosystems that are able to thrive in cloud environments are his core focus, but he still spends some of his time working on hardware security modules and other hardware based high assurance security devices. When not in front of a computer, you are most likely to find Luis 80 feet underwater or teaching a scuba diving classes.

Frédéric Huygens, BNP Paribas - eIDAS
Frédéric Huygens is lead Security Architect in the Security Architecture and Consultancy section of Global Security Department (GS) at BNP Paribas Fortis (Belgium). He has been involved with scalable electronic signatures, PKI and security systems since 1997 in a variety of real world projects in the Banking, IT and EU institutions sectors. Recently, amongst others, as part of his « security architecture spoc » role for master data management and digital transversal services, he explores several areas such as consent management, blockchains, cybersecurity and EIDAS in close collaboration with BNP PARIBAS group.

Irene Kamara, Tilburg Institute for Law, Technology and Society (TILT) - Standards & Legislation
Irene is a PhD researcher at the Tilburg Institute for Law,Technology, and Society (TILT) at Tilburg University in the Netherlands. She is also affiliate researcher at the Vrije Universiteit Brussel (LSTS). Her research interests include personal data protection, privacy, standardization, conformity assessment, and Internet of Things. Prior to joining academia, Irene had been working as an attorney at law before the Court of Appeal in Athens. Irene has collaborated with the European Data Protection Supervisor, the Research Executive Agency, CEN and CENELEC. She is currently selected as a member of the ENISA Experts List for assisting in the implementation of the Annual ENISA Work Programme. Irene holds a LL.M. in Law and Technology from the University of Tilburg (cum laude), a MSc in European and International Studies from the University of Piraeus (with distinction) and a LL.B. In 2015, she received a best paper award and a young author recognition certificate from the International Standardization Union (ITU), the United Nations Agency for standardisation.

Thomas Kopp, LuxTrust SA - eIDAS
Thomas Kopp started his professional career in 1987 after having finished studies of mathematics & computer science with diploma degree at the University of Saarbrücken in Germany. During the subsequent 25 years, he took on various professional roles and acquired in-depth knowledge and expert competences in numerous fields of information processing with special focus on parallel computation, network protocols, security infrastructures, PKI and also Advanced Electronic Signatures over nearly two decades. Thomas joint LuxTrust S.A. as Head of IT Development in 2012 after having formerly been responsible for the Security Development Department of DIaLOGIKa GmbH. He became responsible for the LuxTrust IT Department in 2013, finally released operational obligations in 2016 to concentrate on innovations and new technologies as the LuxTrust Chief Scientist.

Johanna Kruse, Nokia Bell Labs – 5G Security
Johanna Kruse works at Alcatel-Lucent resp. Nokia since 2012 and is currently affiliated with Nokia Bell Labs at the department of Wireless Implementation and Trial Systems in Stuttgart, Germany. Her research activities comprise the design and implementation of 5G security concepts, Proof of Concept of industrial 5G use cases and the development of 5G demonstrators. Besides, she is pursuing a M. Sc. in Embedded Systems at the University of Pforzheim. In 2015, she received her B. Sc. in Computer Science with focus on Information and Communication Engineering from the Cooperative State University in Stuttgart.

Dominique Lazanski, GSMA – Standards and Legislation
Dominique Lazanski is a London-based digital policy and strategy consultant. As the Public Policy Director for the GSM Association Dominique's work on cyber security policy and Internet governance includes coordination with the UN, OECD, WTO and others. Since joining the GSM Association in September 2013, Ms. Lazanski has led the members' ITU and Internet Governance Task Force, which includes planning and preparations for key ITU-T meetings and study groups as well as Internet governance meetings. She was on the executive multistakeholder committee for NetMundial in April 2014 and is currently a member of the multistakeholder advisory group of the Internet Governance Forum. She teaches within the GSMA's capacity building program for regulators and policy makers and sits on the board of several international companies. Dominique was a member of the UK's Open Data User Group in the Cabinet Office from 2012 to 2014 and the Tax Transparency Board in Her Majesty's Revenue and Customs in 2013. She participates on the Multistakeholder Advisory Group on Internet Governance in the UK. She worked on the first Cyberspace Conference with the UK's Foreign Office and the ICC in London to secure business participation in the conference. In 2015 she was a UN Expert in Access and Connectivity. Dominique began her career with positions at Yahoo, eBay, and Apple, where she helped launch the first iTunes stores in the US. In 2005 she moved to London to complete a master's degree in information systems management at the London School of Economics. She has worked in policy ever since, three years of which were spent at the TaxPayers' Alliance working on digital policy. She has written and spoken on digital issues. Dominique holds a bachelor of arts from Cornell University, a second master's degree from the University of Bath and is currently working on her PhD.

Michael Lazar, DataArt – NFV Tutorial & NFV Security
Michael Lazar is a veteran of the telecom industry, and has held C-level positions in system design, custom engineering and software development for the last two decades. He joined DataArt in 2016 to lead the company's telecom practice, focusing on the most demanding areas of the marketplace - systems performance, NFV, SDN & telecom security. Prior to joining DataArt, Mr. Lazar was Chief Technology Officer of Veloxum/Ambicom Holdings where he was responsible for developing system optimization software, and before that CTO of Network Physics, where he led the design and development of Voice over IP (VoIP) and Financial Information exchange (FIX) monitoring software. Prior to the CTO role, Michael was VP of Customer Advocacy at Network Physics, in charge of worldwide pre-sales engineering, post sales support, and custom engineering. Prior to Network Physics, Michael held senior technical roles at Datatec Systems and Spirian Technologies, Inc.
Mr. Lazar holds a Bachelor of Science Degree in Physics from New York's Queens College and holds a patent for Systems and Methods of Tuning an Operating System, Application or Network Component.

Paloma Llaneza, CERTICAR - eIDAS & eDelivery
Paloma Llaneza is senior partner and head of Information Technology at RAZONA. Lawyer with more than 25 years of experience in technologies, Internet, digital communications and IT security, is also CISA and consultant of cybersecurity, legal compliance and protection of personal data. She is currently President of the ICT Section of the Madrid Bar Association, Leader of the legal group of the Mobility and Internet Center of the ISMS Forum and members of different working groups of ISO, CEN, ETSI and Aenor on information security, e-signature and Compliance Management Systems (CMS). She is Technical Director of CAB-CERTICAR . She was the international editor of CEN's CWA document on Best Practices in Data Protection; international ISO standard of Security Metrics Management Information Systems (ISO / IEC 27004); and ETSI standard on REM (Part 1 and 4), Long

Term Preservation, and EN 319 403 and EN 319 401. Expert of the working group STF 523 on the requirements of the providers of electronic delivery services (e-Delivery).

Laura Lindsay, ISO/IEC JTC 1 SC27 – Standards & Legislation
Laura has been working in the industry on cloud computing, Information security, International standards, network operations, and architecture for over 20 years. She has spent the last 15 years working on standards and is the editor and contributor of several standards and on-going new work in the areas of Cybersecurity, Cloud Security, and Distributed Ledger Technology. Ms. Lindsay currently works within the Corporate Standards team, working on standards in the area of Cybersecurity, Cloud Computing, Information Security and Internet of Things. Her background in delivering security solutions for customers and the industry as a whole has helped to bring a implementers view to International Standards. Prior to her current role she worked in Consulting Engineering (focusing on Cloud Security), Information Security (Infosec), and Network Operations and Design.

Aldo Lo Castro, Aliaslab Italia - eIDAS
Aldo Lo Castro is Head of Research & Development for Aliaslab Italia s.p.a, and Director for AliasLab UK LTD.
Aldo Lo Castro is a broadbased or multidisciplinary technologist, with an eye set on the future, and the other well focused on real field implementations.
Aldo has led some of the most relevant e-Signing projects in the last 6 years, mainly in Italy, becoming one the leading experts in this field. He is one of the main contributors to the IDSign e-Signature platform, one the first QSCDs certified at European Level.
Since 2015 Aldo has been actively involved in several blockchain / DLT projects. Thanks to this experience, SignChain – An Advanced Blockchain Electronic Signature Solution – was devised, and launched in October 2016.
Currently Aldo is a part of the CEN/TC 224/WG 17 - Protection Profiles in the context of SSCD, and the newly created BSI committee for ISO/TC 307 Blockchain & Distributed Ledger Technology.

Klaus Lüttich, Governikus - eDelivery
Dr. Lüttich has a PhD in Computer Science from the University of Bremen (2007) for his thesis on „Development of Structured Ontologies in CASL". During and after his studies he participated in research projects, e.g. "Spatial Cognition" (SFB/TR8) focusing on formal methods and algebraic specification. Since he joined Governikus KG in 2007, Dr. Lüttich has been working on several national projects: S.A.F.E. "Secure Access to Federated E-Justice/E-Government" (detailed concept), VPS "Virtual post office of the German Federal Government" (integrated utilization of different communication systems), "Governikus MultiMessenger" (further development based on VPS, integration of De-Mail). Since 2011 he is both Product Manager and Product Owner and is responsible for Governikus MultiMessenger which recently was appointed an application of the German IT Planning Council (the IT-Planning Council is the central body for binding federal and state coordination of IT) as well as for the Governikus-branch "Secure Communication".

Gerry McQuaid, Vodafone – NFV Security
Gerry is responsible for national security and critical infrastructure protection area across Vodafone Group's footprint . He is currently a member of a number of relevant groups including chair of an ETSI Technical Committee, a government advisory committee and a stakeholder in cybersecurity capacity building and governance of LEA Support in many markets. Previously a member of various EU Experts Groups and a frequent contributor to the EU's Research Network on Critical Infrastructure Protection. Prior to Vodafone Gerry was responsible for deployment of LEA Support systems globally, as well as a first responder assisting the UN during major disasters.

Yoan Miche, NOKIA – NFV Security
Yoan Miche was born in France in 1983. He received an Engineering degree from TELECOM, Institut National Polytechnique de Grenoble (INPG), France, in 2006, a master's degree in signal, image and telecom from ENSERG, INPG, in 2006, and a Ph.D. degree in computer science and signal and image processing from both Aalto University School of Science and Technology, Finland, and EDEEATS, INPG, France. His main research interests are anomaly detection and machine learning for classification/regression. He currently works at Bell Labs, Nokia, as a Security Specialist, where he focuses on statistics, information theory and machine learning applied to network anomaly detection, data privacy and anonymization, and in general, network security.

Andreas Mitrakas, ENISA – Standards & Legislation
Dr. Andreas Mitrakas, LL.M. (QUB), M.Sc. (Port) is currently Head of Unit – Data Security & Standardisation in the European Union Agency for Network and Information Security (ENISA). He has previously been a Senior Legal Practices Manager in Ubizen/Cybertrust (currently, Verizon), a pioneer in managed information security

services; he has also been Head of Legal Practices and General Counsel in GlobalSign NV/SA, the leading certification authority.

A trained lawyer (Athens Bar), Andreas has contributed to European standardisation in such areas as electronic signatures, electronic invoicing etc. and he has been Chair of the CEN/ISSS standardisation workshop on Cyber-Identity: unique identification for organisations (CWA 16036:2009). He is a member inter alia of ISACA and EC-Council.

Evgenia Nikolouzou, ENISA – eIDAS

Dr Evgenia Nikolouzou's work at European Union Agency for Network & Information Security (ENISA) mainly focuses on recommendations supporting the implementation of the eIDAS Regulation, contribution to policy related issues in the area of electronic communications sector and privacy related technologies.

She received a Dipl.-Ing. and a Ph.D in 2003 in Electrical and Computer Engineering from the National Technical University of Athens and was for 5 years a research associate in the Telecommunications laboratory, performing research in internet architectures and related security and performance evaluation aspects. She has participated in several European Union and national projects and was a lecturer on many postgraduate courses in the areas of Internet Technologies, and Secure and Dependable Computing.

Prior to joining ENISA, Evgenia worked at Hellenic Authority for Communication Security and Privacy for over 10 years, as Head of the Internet Application Department.

She has published a number of international papers and journals and is a reviewer in some international journals/conferences. Since 2007 she is contributing as evaluator and reviewer to EU Commission.

Ian Oliver, Nokia Bell Labs – NFV Security

Dr Ian Oliver works for Nokia Bell Labs as a senior security researcher specialising in high-integrity and trusted Network Function Virtualisation, and on occasion the more theoretical underpinnings of privacy and privacy engineering. He also holds a Research Fellow position at the University of Brighton working with the Visual Modelling Group on diagrammatic forms of reasoning and semantics.

Prior to tha the worked as the privacy officer for Nokia Services and for eleven years at Nokia Research Centre working with Semantic Web, UML, formal methods and hardware-software co-design. He has also worked at Helsinki University of Technology and Aalto University teaching formal methods and modelling with UML. He holds over 40 patents in areas such as The Internet of Things, semantic technologies and privacy, as well as numerous papers in these areas. He is the author of the book: Privacy Engineering – A Data Flow and Ontological Approach. (www.privacyengineeringbook.net)

Jon Ølnes, Unibridge - eDelivery

Jon Ølnes holds an M.Sc degree in informatics from the University of Oslo and works for Unibridge AS, a consulting company specialising in electronic identity and e-signature. He is a member of the ETSI ESI (Electronic Signatures and Infrastructures) committee and participates as expert in ETSI STF-523 on development of eDelivery standards. He has about 15 years' experience from work on international aspects of e-signatures, among others as one of the main architects for the global validation services solution that was successfully piloted by the PEPPOL large-scale pilot project. He has published numerous journal/conference papers on e-signature topics and is a frequent speaker at conferences and workshops in Europe.

Kalev Pihl, SK ID Solution - eIDAS

Kalev has been involved in the Estonian national electronic identity for almost 20 years in various different roles and last 9 years, he has been managing SK ID Solutions – which is the only trust service provider in Estonia at the moment. SK ID Solutions was the first company in EU to start issuing qualified electronic seals and one of the first ones to start to offer qualified time stamping service.

Kalev has previous experience includes positions in public sector, banking and ICT. He has been teaching mathematics and informatics in several universities as guest lecturer.

Galina D. Pildush, Palo Alto Networks, NFV Security and 5G Security - NFV PC Member

Dr. Galina D. Pildush has been active in computer networking and cyber security industry for more than twenty years. She holds a PhD in Organization and Management, specializing in IT, an MSc and BSc, both – in Computer Science. Over eight years ago, Galina's passion had expanded into Mobile Service Provider infrastructure protection, cloud security, and virtualization. Throughout the years, Galina held various engineering roles, product management & architecture, and strategy & planning with various high---tech companies. Galina is an active industry standards contributor (3GPP, IETF, ETSI), an author of computer networking books and articles, and is a frequent speaker/panellist at various security conferences, evangelizing Mobile Service Providers' infrastructure security and services. At Palo Alto Networks, current Galina's role is World Wide Consulting Engineering, focusing on Mobile Service Providers' infrastructure security and services.

Nick Pope, Thales – eIDAS
Nick Pope is a principal consultant at Thales e-Security supporting their customers on use of Thales' hardware security modules in banking, governmental and commercial sectors, specialising in eIDAS. He has been involved in EU standards relating to electronic signatures for more than 15 years and before that the development of X.509 standards in ISO. Currently, Nick is vice-chair of the ETSI TC ESI, chair of the ESI steering group on signature creation and validation, and liaison representative on the CEN Working Group on signing devices. Previously, he led the STF on standardisation for trust services supporting electronic signatures.

Shahriar Pourazin, Sepehr Intelligent Systems Private Research Group - NFV Security
Dr. Shahriar Pourazin is a data network security architect/strategic consultant. He has designed and managed the development of sophisticated network security systems including intelligent firewalls since 1995. He is the chairman of the board of Sepehr S. T. Co. Ltd. and is the co-founder and CEO of Sepehr Intelligent Systems Private Research Group. He has been the lecturer of courses and supervisor of research projects about Computer Networks, Information Security and Trust in academic and research institutions. He has had some contributions about the Security of e-Health, Security of Digital Broadcasting and Security of Data Networks using AI.
He received his BS in 1990 and MS in 1994 both on Software Engineering from Sharif University of Technology, Tehran Iran; and received PhD degree in Artificial Intelligence in 2005, from AmirKabir University of Technology, Tehran, Iran.

Anand R. Prasad, NEC Corporation, 5G Security - 5G Security PC Member
Dr. Anand R. Prasad, Fellow IET & IETE, is Chief Advanced Technologist, NEC Corporation, where he leads the mobile communications security activity. Anand is the chairman of 3GPP SA3 and GISFI Security & Privacy group. He has 20+ years of experience in all aspects of mobile networking industry around the globe.
Anand has published 6 books, 50+ peer reviewed papers, is editor-in-chief of the "Journal of ICT Standardization" published by River Publishers and, most of all, a passionate speaker on information security. He is recipient of the 2014 ITU-AJ "Encouragement Award: ICT Accomplishment Field" and the 2012 (ISC)² "Asia Pacific Information Security Leadership Achievements" Award as a Senior Information Security Professional.

Kornél Réti, ETSI STF 523 - eDelivery
Kornél Réti is a research engineer at Microsec Ltd., the leading certificate authority and prominent supplier of PKI applications in Hungary. Microsec operates the electronic company registry systems and the e-delivery system for judicial documents in Hungary. Kornél Réti has hands-on experience in these two significant fields applying PKI-based e-signatures. Moreover, he has led the development of a registered e-mail system based on the ETSI REM (TS 102 640) specification, which has given him a thorough insight into the various issues of e-delivery. Kornél Réti is a member of the Hungarian Association for Electronic Signature. He actively participates in the work of ETSI TC ESI since 2015. He has been involved in the ad-hoc workgroups within TC ESI dealing with updates of TSP policy documents, and quick fixes of the REM specification. Kornél Réti has studied at the Budapest University of Technology and Economics, holds a Master's Degree in Technical Informatics, specialized in IT security.

Anthony M. (Tony) Rutkowski, Yaana – Standards & Legislation
For several decades, Tony has participated in multiple roles in a broad array of international standards and industry activities dealing with LI/RD, Cyber Security, CIP, IdM, and IoT. He currently serves as rapporteur for several work items in ETSI TC CYBER - encompassing the Technical Report that applies the *Critical Security Controls for Effective Cyber Defence* for Internet of Things security and worked with the Center for Internet Security on the Controls.
He is a BSEE engineer – JD lawyer who pursued a 45 year multifaceted career. Previous positions include the private sector (VeriSign, SAIC, General Magic, Sprint International, Horizon House, Pan American Engineering, General Electric, Evening News Association) government (Federal Communications Commission, the International Telecommunication Union, Cape Canaveral City Council), academic (Georgia Tech, Internet Society, MIT, and NY Law School), and consulting both as NGI Associates and Netmagic Associates.

Bengt Sahlin, Ericsson Research NomadicLab, 5G Security – 5G Security PC Member
Bengt Sahlin has an M.Sc. in Computer Science from Helsinki University of Technology (TKK). At TKK, he has also lectured on Modern Data Communications as well as on DNS and DNS security. He is a Certified Information Systems Security Professional (CISSP).
Bengt has worked in the fields of data- and telecommunications for 21 years, mostly with security aspects. In 2000 he joined Ericsson where he has worked on mobile systems security and product security. He was also technical coordinator for Ericsson's security implementation projects.

Bengt has been involved in standardization activities since 1997. He has been participating 3GPP, ETSI, GSMA and IETF activities. He was 3GPP TSG SA WG3 (security) chairman 2010-2013.
Currently, Bengt is a Research Leader for the security group at Ericsson Research NomadicLab in Jorvas. Bengt has been active in external collaboration projects since 2007, including both national Finnish collaboration projects as well as projects on EU level.

Romain Santini, ANSSI- eDelivery - eIDAS
Romain Santini graduated from the ENSICAEN engineering school with a Master degree in engineering, specialised in payment systems and information security. He began his career at Bull, in the Payment Systems and Public Key Infrastructure division, providing professional services related to hardware and software security products. He then shifted to consulting activities in the field of information systems security and trust services. He joined the French Cybersecurity Agency (ANSSI) in October 2015 as a project officer in the Risk Management and Security Regulation unit, inside the External Relations and Coordination department. Since the beginning of 2016, Romain has been in charge of coordinating activities related to the implementation of the eIDAS regulation at ANSSI. He has also been appointed as the Chair of the Forum of European Supervisory Authorities for trust service providers (FESA) in November 2016.

Sisco Sapena, Lleida.net - eDelivery
Entrepreneur , non serial founder , inventor with patents worldwide, passionate about life and proud of being able to guide his team and himself to build a small multinational company from a dream to an IPO. He studied Technical Agricultural Engineering, specialising in Horticulture and Gardening at the University of Lleida and have a Master in Telematics at the UPC.
He is one of Spain Internet pioneers and passionate about new technologies. Sisco is taking Lleida.net around the world for 24 years, always focusing on innovation. Nowadays is the largest shareholder and CEO of Lleida.net.

Peter Schneider, Nokia Bell Labs – 5G Security
After receiving his diploma in mathematics, Peter started his professional career at Siemens, as a researcher on new software architectures. For several years, he worked on the research and prototyping of innovative communication solutions. Later, he became a systems engineer for the IP based mobile core network, working on various aspects of the IP technology, in particular on IP security, deep packet inspection and IP network reliability. Since 2007, he is focusing on network security research. Currently, he is a senior expert for mobile network security in the Security Research Team at Nokia Bell Labs. In this position, he has been involved in various security research projects including publicly funded international projects. His research interests include security for SDN and the telco cloud and the overall security architecture of future 5G networks.

Brian Scriber, CableLabs - NFV Security
Principal Architect for Network Security, Brian has been the chair of the Open Connectivity Foundation Security Working Group since 2015. Brian's security experience includes PKI, blockchains, encryption, algorithm design and analysis, secure coding, governance, networking, device hardening, data protection and satellite communications. Brian holds a B.S.E in Computer Engineering (University of Michigan) and a M.S. in Computer Science (University of Colorado), he has extensive experience in software development and architecture, networking, cloud technologies, web services, development methodologies and has 13 patents pending final approval. Brian also has strong business involvement and holds an M.B.A. in Technical Strategy (University of Colorado) and has led multiple technology organizations in roles including Chief Scientist, CIO and CTO.

Erez Segev, ECI – NFV Security
Has 19 years of experience in the telecommunication industry. First as software developer and since 2004 as system architect in ECI telecom which is based in Israel. As system architect, handled variety of fields starting from access networks management OSS integration definitions, GPON definitions and standardization (FSAN), transport network provisioning over MPLS and Provider Bridge, and recently, in the last 3 years, switch to work as system architect in the fields of NFV and SDN supported networks. As part of NFV & Cyber Solutions system architect leads the standard organization bodies activity of researching and following a variety of standard definition groups including multi SDO group for Information modeling definitions, MEF's 'SECurity As A Service' research team, ONF's T-API definitions and ETSI's NFV ISG. Holds MBA degree from TAU Recanati Business Scholl and B.Sc in computer science from ben-Gurion University of the Negev.

Jon Shamah, EEMA - eIDAS
Jon Shamah is a graduate of Southampton University, specialising in Aeronautics & Astronautics. Jon is a digital Identity & Trust Subject Matter Expert, specialising in maximising the technology and operational value chain of very large scale eID schemes and national eID programmes.

In 2017 Jon was listed in the One World Top 100 Leaders in Identity.
Jon is currently the Chair of EEMA.
He is a frequent public speaker on issues surrounding identity and Trust and facilitated the ministerial eID workshop in Poznan, Poland which directly led to the eIDAS, Trust Services regulations.
Jon was a long-term consultant on eID issues to the Nordic Banking and Payments Consortium, NETS, and contributes to European Programs such as SSEDIC, STORK2.0, ATTPS, FutureID, FutureTrust and LIGHTest, as well as leading organisations such as ENISA.
He advises a number of governments on eID Strategy and policy.
Jon is former co-chairman of ITU-T, SG17, Joint Coordination for Identity and is a member of the Advisory Board of TDL ("Trust In Digital Life").

Antonio Skarmeta, University of Murcia – NFV Security
Dr Antonio Skarmeta received the M.S. degree in Computer Science from the University of Granada and B.S. (Hons.) and the Ph.D. degrees in Computer Science from the University of Murcia Spain. Since 2009 he is Full Professor at the same department and University. Antonio F. Skarmeta has worked on different research projects in the national and international area in the networking, security and IoT area, like Euro6IX, ENABLE, DAIDALOS, SWIFT, SEMIRAMIS, SMARTIE, SOCIOTAL and IoT6. His main interested is in the integration of security services, identity, IoT and Smart Cities. He has been head of the research group ANTS since its creation on 1995. Actually he is also advisor to the vice-rector of Research of the University of Murcia for International projects and head of the International Research Project Office. Since 2014 he is Spanish National Representative for the MSCA within H2020. He has published over 200 international papers and being member of several program committees. He has also participated in several standardization for a like IETF, ISO and ETSI.

Mark Smitham, Microsoft – Standards & Legislation
Mark Smitham is Senior Manager of Cybersecurity Policy at Microsoft responsible for Europe, Middle East, and Africa (EMEA). In this role Mark works with policy and technical stakeholders on a range of cybersecurity issues, including security strategy and policy, cloud security and risk management.
Before joining Microsoft's EMEA cybersecurity team in 2016, Mark worked in DG CNECT at the European Commission in Brussels, Belgium focusing on cloud security public policy, including developing trust and improving the overall level of security of European digital society and growth in the digital economy in Europe, such as the Directive on Security of Network and Information Systems (NIS) and the Communication on the European Cloud Initiative.
Mark came to the European Commission from the UK Government where he worked in the Government Digital Service and UK Home Office, leading cloud security public policy and delivered systems in very high-profile and secure environments.

Dr. Dirk Stegemann, Robert Bosch GmbH – Standards & Legislation
Dirk joined the Bosch Group in 2010 as Information Security Specialist for the business unit Security Systems. In 2014, he became the unit's Product Security Officer and was responsible for information security governance and consulting for the building security product portfolio. He joined Bosch Corporate Research in 2015 and is currently responsible for the competence segment Safety, Security and Privacy. Dirk contributed to the Open Network Video Interface Forum (ONVIF) as Security Working Group Lead between 2012 and 2015 and is representing Bosch in the European Cybersecurity Organization (ECSO). He holds a Diploma in Information Systems and a PhD in Information Security and Cryptography.

Sándor Szőke, Microsec Ltd - eIDAS
Sándor Szőke dr. is the deputy director of eIDAS Trust Services at Microsec Ltd, the leading trust service provider and prominent supplier of PKI applications in Hungary. His responsibilities cover among others the auditing activities and to keep contact with the supervisory authorities. He managed the preparation work for the eIDAS conformity assessment audit and the whole audit process.
He represents Microsec in ETSI and takes part in the ESI working group meetings regularly.
Sándor Szőke has been dealing with the PKI technology since 2000. He is a registered PKI expert in Hungary and the member of the Hungarian Association for Electronic Signature. Before his present job in Microsec he managed the development of several PKI based applications and was the certification director of an independent evaluation company.
Sándor Szőke has graduated at the Technical University of Budapest as MSEE, and later he received his second graduation at the Corvinus University as an engineer-economist.

Arne Tauber, EGIZ – eDelivery PC Member
Arne Tauber is the head of the E-Government Innovation Center (EGIZ), which is a joint initiative of the Austrian Federal Chancellery and the Graz University of Technology. EGIZ supports the Austrian Federal Chancellery in further developing the Austrian ICT-Strategy by research and innovation.
His main areas of interest and research specialities are IT security with focus on topics around the eIDAS regulation, especially on identity management, electronic signatures, electronic registered mail, certified electronic mail and e-government. Arne is the author of several scientific publications (see below).
Arne Tauber participated and is still active in several European research projects. He was the leader of work package 6.4 (e-Delivery pilot) of the European eIdentity large scale pilot STORK (Secure IdentTity acrOss boRders linKed) and was developing the cross-border e-Delivery protocol in the European large scale pilot SPOCS (Simple Procedures Online for Crossborder Services) in the ICT-PSP (Policy Support Programme), co-founded by EU. He also contributed to the European project GINI-SA, which worked towards the vision of a Personal Identity Management environment. Currently, he is in the steering commitee and leading the IPR council of the EU project CREDENTIAL.
He is also a member of the ISO/IEC JTC 1/SC 27 (IT Security techniques) national standardization committee (Austrian Standards Institute).

Nicolas Thomas, Fortinet
Nicolas Thomas, NFV Pioneer, ETSI NFV ISG representative for Fortinet. Former positions at Canonical and HP (CME). Active actor of the telecom industry transformations for 2 decades. Started with the move of network functions to x86, Linux to Virtual machines and open hardware ATCA, Opencompute, hence Clouds and elastic services. Architecting platforms for Telco, OpenStack/Cloud. Hands-on NFV since 2011 (pioneer).

Olivier Torres, La Poste - eDelivery
Olivier Torres is currently Marketing Director of the Business Unit of the french La Poste group, in charge of mail and services offers for the B2B and B2C market. He has spent the past 25 years working in Product Management in various environments as software publishing, interactive TV in the 2000s, BPO document management and trusted services. He is involved in the recent e-Sens project.

Arvid Vermote - eIDAS
Within EY Arvid is managing and delivering cyber security advisory services in EMEIA (Europe, Middle East, India & Africa) across different sectors.
In his role as manager within the Cybersecurity team he acts as one the global experts on PKI ecosystems and associated risks and provides quality assurance on implementation and auditing engagements in numerous countries. He is the EY lead on eIDAS (conformity assessments and implementation support) and has a deep knowledge of WebTrust, ETSI and other PKI-related standards.

Claire Vishik, Intel, Standards & Legislation PC Member
Claire Vishik's work at Intel Corporation focuses on hardware security, trusted computing, privacy enhancing technologies, some aspects of cryptography and related policy issues. Claire is a member of the Permanent Stakeholders Group of ENISA, the European Network and Information Security Agency, Council member for the Information Security Forum, and is an advisor for numerous R&D and strategic initiatives in Europe and the US. She is active in standards development and R&D strategy and is on the Board of Directors of the Trusted Computing Group and a member of the cybersecurity steering group of the UK Royal Society. Claire received her PhD from the University of Texas at Austin. Prior to joining Intel, Claire worked at Schlumberger Laboratory for Computer Science and AT&T Laboratories, studying security and other aspects of Internet and computing technologies, from electronic commerce and communication protocols to software systems and applications. Claire is the author of numerous peer reviewed papers and book chapters and inventor on 30+ pending and granted US patents.

Dirk Weiler, ETSI Board Chairman, Standards & Legislation PC Member
Dirk Weiler is Chairman of the ETSI Board and the ETSI IPR Special Committee, the ETSI representative to the European Commission's ICT Standardization Multi-Stakeholder Platform, Vice Chairman of the German BITKOM Working Group Standardization, member of the CEN-CENELEC-ETSI Joint Presidents' Group and a member of the German DIN Presidential Committee FOKUS.ICT. He is Head of Standards Policy in Nokia BellLabs CTO, responsible for standardization policy and membership portfolio. He regularly appears as speaker or moderator in conferences and events about technology, standardization and IPR topics. From 2010-2014 he was Chairman of the ETSI General Assembly. Until 2006 he held various management positions in development, research, intellectual property, standardization and marketing in Siemens. Since 1988 he has been working actively in standardization on technical as well as board level in various organizations.

Marcus Wong, Huawei Technologies (USA) – NFV Security
Marcus has over 20 years of experience in the wireless network security field with AT&T Bell Laboratories, AT&T Laboratories, Lucent Technologies, and Samsung's Advanced Institute of Technology. He holds Certification of Information System Security Professional (CISSP) from the prestigious International Information Systems Security Certification Consortium (ISC2).
Marcus has concentrated his research and work in many aspects of security in wireless communication systems, including 2G/3G/4G/5G mobile networks, Personal Area Networks, and satellite communication systems. Marcus joined Huawei Technologies (USA) in 2007 and continued his focus on research and standardization in 3GPP, WiMAX Forum, IEEE, and IETF security areas. As an active contributor in the Wireless World Research Forum (WWRF), he has shared his security research on a variety of projects contributing toward whitepapers, book chapters, and speaking engagements.

Terry Young, Palo Alto Networks- 5G Security
Terry Young is senior manager, service provider marketing at Palo Alto Networks, where she is responsible for developing thought leadership content on the business value of security for mobile network operators and other service providers. Her previous experience includes 20 years telecommunications industry experience in market strategy and network operations with AT&T (mobile and fixed businesses), and Director, Product Marketing for mobile infrastructure and software vendors. As principal analysis for a syndicated market research company, she was instrumental in developing 3G/4G revenue and spectrum forecasts published by the UMTS Forum early in the 3G technology introduction.
Terry has an MBA from Arizona State University and lives in the San Francisco Bay area.

Colin Whorlow, Head of International Standards, NCSC – Standards & Legislation
Colin Whorlow has worked in the UK National Cyber Security Centre (NCSC), and its predecessor CESG, for 18 years. Now Head of International Standards he was formerly Head of International Relations where he led CESG's engagement on EU and NATO information assurance issues. Colin is a member of the Management Board of ENISA (European Network and Information Security Agency) and of the SOG-IS Management Committee. He has led workshops on the impact of Cybersecurity on Critical Information Infrastructure Protection as part of the Meridian Process and at the Budapest Conference on Cyberspace. Previously Head of Export Control Colin chaired the Information Security Technical Working Group at the Wassenaar Arrangement for some years. Colin's degree is in mathematics, which he read at Oxford University.

Elisabetta Zaccaria, Secure Chorus – NFV Security
Elisabetta Zaccaria serves as Chairman for Secure Chorus, an independent, not-for-profit membership organisation open to vendors and users of secure communication. Through open standards & collaboration its members are building a cross-platform secure multimedia communication ecosystem for enterprise. Ms Zaccaria is also the founder of cyberY a firm providing a broad array of professional services to help government and corporate clients realise innovation ecosystems in the cyber security sector. Prior to that, Ms Zaccaria was the Group COO/CSO of Global Strategies Group, a leading provider of defence and national security technology, software and systems. In 2012 Ms Zaccaria left Global Strategies Group after a career with the company and its predecessor organisations spanning nearly 9 years and including several US acquisitions, an IPO on Nasdaq and an exit to a private equity house, which saw the British stand-alone start-up transformed into a major international company, reaching $600million in revenues in only 6 years.

Alf Zugenmaier, Munich University of Applied Sciences – 5G Security
Alf Zugenmaier is Professor for Mobile Networks and Security at Munich University of Applied Sciences. He represents NTT DOCOMO at the 3GPP security and privacy working group (SA3), of which he is currently vice chair. Prior to taking up academia, he held positions at DOCOMO EuroLabs in Munich, Germany, and at Microsoft Research, Cambridge, UK.