

## 2016 FNC Biographies



### **Houlin Zhao**

Houlin Zhao was re-elected ITU Secretary-General at the 20<sup>th</sup> Plenipotentiary Conference in Dubai, United Arab Emirates, in November 2018.

Mr Zhao is an information and communication technology (ICT) engineer who has served in a variety of senior management positions at ITU, began his second, and last, four-year term on 1 January 2019.

Prior to first being elected as ITU Secretary-General in 2014, Zhao served eight years as ITU Deputy Secretary-General. In that role, he assisted the ITU Secretary-General, in close cooperation with the other elected officials of the Union, to manage the implementation of the ITU Strategic Plan and the operations of the ITU Secretariat, in particular with a view to increasing the transparency and efficiency of the organization.

He was responsible for implementing important innovations, including the promotion of a new category of membership open to the global academic community, internal efficiency measures such as the move to a near-paperless work environment, the increased use of remote participation systems, and measures to increase revenue from sales and cost-recovery services. In addition, he focused closely on membership-driven priorities including maintaining and extending ITU's commitment to accessibility, to multilingualism, and to broad multistakeholder participation in the work of the Union.

He also served two elected terms as Director of ITU's Telecommunication Standardization Bureau (TSB), which develops technical standards to ensure worldwide ICT interoperability.

During his two terms as TSB Director, he spearheaded the introduction of new efficiency measures to improve ITU's standards-making environment through fostering even closer cooperation with industry members, while strengthening the promotion of ITU's leadership in global ICT standards development.

Before that, he was a Senior Counsellor with TSB for 12 years.

Before joining ITU, Mr Zhao served as an engineer in the Designing Institute of the Ministry of Posts and Telecommunications of China, taking an active role in his country's expert meetings on telecommunication standards and national plans, as well as participating in ITU work as a Chinese delegate. He contributed important articles to a number of prestigious Chinese technical publications, and in 1985 was awarded a prize for his achievements in science and technology within the Ministry of Posts and Telecommunications.

Born in 1950 in Jiangsu, China, Mr Zhao graduated from Nanjing University of Posts and Telecommunications, and holds an MSc in Telematics from the University of Essex in the United Kingdom.

He is married with one son and two grandchildren, and is fluent in three official ITU languages: English, French and Chinese.

Mr Zhao is committed to further streamlining ITU's efficiency, strengthening its membership base through greater involvement of the academic community and of small- and medium-sized enterprises, and to broadening multistakeholder participation in ITU's work.



**Eva Molnar**

Eva Molnar is the Director of the Transport Division of the United Nations Economic Commission for Europe (UNECE)\* in Geneva, a post she has held since 2007. Before that she spent 8 years as the Sector Manager for Transport in The World Bank, Europe and Central Asia Region and was for several years a guest lecturer at the Budapest University of Economics and Technical Sciences.

Prior to this she worked as an infrastructure and management consultant and for more than a decade she held several senior positions in the Hungarian Transport Ministry. During this time she was the CEO of Kapos Volan, a road transport company in Hungary, as well as a member of the supervisory boards of transport enterprises, including the Austro- Hungarian railways, Raberbahn.

\*The UNECE Transport Division is the secretariat to the Inland Transport Committee (ITC) and to the ECOSOC Committee of Experts on Transport of Dangerous Goods (TDG) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The ITC is a unique inter-governmental body that also oversees the work of its 17 working parties, as well as looks after the development of 58 UN transport conventions.



**Mr. Staffan Wallin**

Mr. Staffan Wallin was appointed Director Sales for the business area automotive within Ericsson's Business Line Industry and Society.

The Industry and Society organization addresses the Utilities, Transportation and Public Safety sectors and leads engagements with Smart Sustainable Cities, applying Ericsson's full breadth of technologies, products and services to support industries as they apply communications technology to transform their operations and customer offerings.

Staffan's global team brings together a customer base developed over the last 9 years in multiple countries providing customized solutions to address specific industry needs, including the multiple award winning Connected Vehicle Cloud.

Staffan comes to this role with 20 years' experience across the Ericsson group, joining in 1995. Since then Staffan has had a range of different responsibilities within R&D, project management, product management, sales & marketing as well as special projects outside of these roles.



### **Russ Shields**

Russ Shields is Chair of Ygomi. Mr Shields is a Board Member of the ITS World Congress, founding Board Member of ITS America, former Chair of the TRB Communications Committee, former Convener of ISO/TC204/WG16, and Co-Chair of the ITU Collaboration on ITS Communications Standards.

Mr Shields is also a member of the National Space-Based Positioning, Navigation and Timing Advisory Board, a Presidential advisory committee. He received the 1998 SAE-Delco Electronics ITS Award, was named an SAE Fellow in 2007, was inducted into the inaugural class of ITS America's Hall of Fame in 2008, and was named the inaugural U.S. member of the ITS World Congress Hall of Fame in 2010.

In 2008, to recognize his more than 40 years defining new industries, the University of Chicago's Booth School of Business awarded him the Distinguished Alumni Award in Entrepreneurship.



### **Michael Bültmann**

Michael Bültmann is since November 2014 managing director of HERE Deutschland GmbH and before acquisition of end-devices by Microsoft in 2014 he was six years managing director of Nokia GmbH.

Before he worked for Nokia in different positions in Germany and France, i.e. in controlling and as senior legal counsel, in charge for Germany and countries in Eastern Europe.

He worked before as attorney in Berlin and Paris and lecturer for International Business Law at the University Lüneburg.

Michael Bültmann is active in a lot of associations, e.g. board member of BITKOM, Federal Association for Information, Technology, Telecommunications and New Media and board member of SRiW (Association of Self-Regulation in the Internet).

He is married and has 2 children.



**Geert Pater**

Geert is the Senior Advisor to the board on IT Governance. He is also the Program Manager for an internal program to stimulate ITS developments (especially practical knowledge).

His background is ICT, at RDW, where he has been more than 25 Years in many roles such as Datacenter manager and Manager/Lead IT Architect and Innovations. Therefore, one could say, he has had the leading hand in the current ICT landscape of RDW.

In the last 2 years he has moved into the ITS environment to support the integration of ICT and Vehicle Technology.

Linkedin profile: <https://nl.linkedin.com/in/geert-pater-1690529>



**Roger Lanctot**

As Associate Director in the Global Automotive Practice at Strategy Analytics, Roger Lanctot has a powerful voice in the definition of future trends in automotive safety, powertrain, and infotainment systems. Roger draws on 25 years' experience in the technology industry as an analyst, journalist and consultant. Roger has conducted and participated in major industry studies, created new research products and services, and advised clients on strategy and competitive issues throughout his career. He holds an AB in English from Dartmouth College.





**Andy Birnie**

Andy Birnie, Systems Engineering Manager, Automotive Microcontrollers, NXP Semiconductors  
After graduating from the University of Glasgow, Andy had various roles in product & technology development, but is currently Systems Engineering Manager for Automotive Microcontrollers within NXP, specialising in connectivity and security. In this role Andy is responsible for working with Tier1s and OEMs to understand market trends and customer demands, to define the next generation of microcontrollers, keeping NXP at the forefront of automotive electronics systems technology for the next 10 years.



### **Koji Nakao**

Koji Nakao received the B.E. degree of Mathematics from Waseda University, in Japan, in 1979. Since joining KDDI in 1979, Koji has been engaged in the research on communication protocol, and information security technology for telecommunications in KDDI laboratory. After 2003, Koji has moved to KDDI head office to construct and manage its security systems. In 2004, he has started to additionally work for NICT (National Information Communication Technologies). His present positions are "Information Security Fellow" to manage all the security issues required in KDDI and "Group Leader" to manage research activities for network security technologies in NICT. As for standardization activities, Koji is currently working for a vice-chair of SG17 and a vice-chair of FG Cloud in ITU-T and also acting for a national convener of ISO/IEC JTC1/SC27/WG4 in Japan.



**Dr.-Ing. H. W. Gierlich**

Dr.-Ing. H. W. Gierlich started his professional career in 1983 at the Institute for Communication Engineering at RWTH, Aachen. In 1988 February he received a Ph. D. in electrical engineering. In 1989 he joined HEAD acoustics GmbH in Aachen as vice president. Since 1999 he is head of the HEAD acoustics telecom division. Since 2014 he is managing director at HEAD acoustics.

He is mainly involved in acoustics, speech signal processing and its perceptual effects, QOS & QOE topics, measurement technology and speech transmission quality.

He is active in ITU-T, ETSI, 3GPP, GCF, IEEE, TIA, CTIA, DKE and VDA and vice chair of the ETSI technical committee STQ and was chair of the ITU-T focus group CarCom. He is Rapporteur for various questions in ITU-T SG12.

He is author of more than 150 scientific papers and holds five patents. He is member of ASA, IEEE, VDE and DEGA where he was chair of the "Speech Communication" committee from 2003 until March 2009.



### **Andrea Campbell**

Andrea Campbell joined the FIA Region I office in 2013, where she currently holds the position of Head of Communications. She is responsible for the office's external and internal communications work and strategy. She coordinates the Communications Group and the European Club Media Alliance. Her role is to elaborate communications messages between the 76 member clubs representing 37 million mobile consumers and key policy developments in Brussels. Some of the international campaigns that she has helped carry out since being at the FIA include, My Car My Data, Think Bikes and Mileage Fraud Awareness.

Andrea, born in Canada, holds a master's degree in international economic law. Previous to her position within the FIA, she worked at the trade association EuropaBio, where she was part of the communications department and coordinated the National Associations Council, and at communications consultancies in Antwerp and Brussels. Andrea speaks English, French, Japanese and some Dutch.



**Walter Nissler**

Walter Nissler is Chief of the Vehicle Regulations and Transport Innovations Section of the Transport Division of the United Nations Economic Commission for Europe (UNECE).

Before, he worked for six years at the European Commission in the area of road safety and for twenty years in national administration dealing with vehicle testing and type approval. His educational background is mechanical engineering with a University degree in vehicle engineering.



### **Nigel Jefferies**

Nigel Jefferies is a senior standards manager with Huawei Technologies and Chairman of the Wireless World Research Forum, a global partnership between industry and academia to develop a research agenda for mobile communications. Previously he was Head of Academic Relationships within Vodafone Group Research & Development and a Principal Mathematician at Racal Research Ltd. In the past he led the European-funded IST project SHAMAN, which studied the security of future mobile systems, and ran the Secure Applications Steering Group for Mobile VCE. Other collaborative research projects on various aspects of security for mobile communications include 3GS3 in the UK-funded LINK programme, and ASPeCT and USECA in the European ACTS programme. His research interests include cryptography, security of systems and applications of mathematics to telecommunications. He received a PhD in functional analysis from Goldsmith's College, London, and an MA in mathematics from the Queen's College, Oxford. He is a Senior Member of the IEEE, a Fellow of the Institute of Mathematics and its Applications and a Chartered Mathematician.



### **Martin Böhm**

Martin Böhm works as Head of Unit “Mobility Systems and ITS Deployment” at AustriaTech, a federal agency for technological measures, where he provides to the Austrian Transport Ministry policy support in ITS related issues. In this respect he represents Austria as national expert at the European Commission for specification related issues with regard to the ITS Directive.

He is coordinator of several European projects in the field of Intelligent Transport Systems including research, development as well as deployment activities. Hereby the evolution of the mobility system based on general trends (e.g. Internet of Things, Automation) is one of his key interests. Martin’s main expertise is bringing research in the field of Intelligent Transport Systems and Services to real deployments.

He holds a master in the field of Geography and a master in the field of Traffic Telematics Management.



**Dr. Stephan Appt**

Dr. Stephan Appt, partner at international law firm Pinsent Masons, has considerable experience in commercial, intellectual property and information technology law matters, with a particular focus on the Automotive & IT sectors. He has advised extensively on legal matters arising in respect of high-profile user connectivity initiatives/product lines, including advice on the development and distribution of the underlying car2car and car2X connectivity functionalities, privacy law requirements where processing personal data in the course of connectivity operations, (particularly the use of 'big data' systems), regulatory aspects (telecoms) concerning the underlying machine-to-machine (m2m) communications, 'frontend' aspects (such as e-commerce requirements for the on-line sale of connectivity services) and associated sourcing agreements (including managed services supporting the connectivity 'backend').





**Mr. King W. Gee**

Mr. King W. Gee is the Director of Engineering and Technical Services for the American Association of State Highway And Transportation Officials (AASHTO), a non-profit, non-partisan association which advocates transportation-related policies and provides technical services to support states in their efforts to efficiently and safely move people and goods. He oversees the development of technical publications and standards for roads and bridges; the development and licensing of AASHTOWare software products; the review and accreditation of laboratories through the AASHTO Materials Reference Lab (AMRL); the support to numerous AASHTO committees and task forces; the implementation of products from the second Strategic Highway Research Program (SHRP2); and the development of transportation policy and legislative proposals. Previously, Mr. Gee had a 35 year career with the Federal Highway Administration where he served in progressively responsible positions related to engineering and program management issues. Born and raised in New York City, he holds B.S. and M.E. degrees in Civil Engineering both from the Rensselaer Polytechnic Institute.



### **Stéphane Petti**

Stéphane has joined Orange Business Services in May 2010, in the International M2M Competence center (IMC), based in Brussels where he is in charge of developing the activity in the automotive sector and help making connected cars a reality. He worked before during 10 years in Aisin AW co. (Toyota group) where he held several R&D positions from powertrain, to ITS. He was managing for 4 years the advanced engineering group in the Navigation department of the EU subsidiary.

Stéphane holds a PhD in Robotics from the School of Mines of Paris, where he enjoyed working on autonomous vehicles. He has a Master's degree in Mathematics from the University of Kansas and a mechanical engineering degree from the University of Compiègne.



### **Reinhard Scholl**

Reinhard Scholl is Deputy to the Director of the ITU Telecommunication Standardization Bureau (also known as the ITU-T Secretariat). Previously he has been with Siemens in Munich, Germany and with the European Telecommunications Standards Institute (ETSI). He received a Ph.D. in physics from the University of Illinois, USA. He also served on the ICANN Board.