

## 2<sup>nd</sup> ETSI TC ITS WORKSHOP

# Speakers' biographies



**10 – 12 February 2010**



**Soeren Hess, ETSI TC ITS Chairman, Daimler AG**

Soeren Hess is chairman of the ETSI Technical Committee on Intelligent Transport Systems (TC ITS). Within ETSI this Technical Committee is responsible for standards development in the field of ITS and work in close cooperation with the European R&D projects on ITS the European Commission and the European industry organisations such as C2C CC.



**Martin Arndt, ETSI TC ITS Technical Officer**

At ETSI Mr Martin ARNDT is with the unit ETSI Standardization Projects and takes care about Broadband Wireless Access and Intelligent Transport Systems. Prior to this he was with the network operator AIRDATA, where he mainly dealt with activities on Research and Development and the Compliance Management. Before that he spent some time with a classic Internet Service Provider. Martin ARNDT holds a degree in communications engineering from the University of Applied Sciences, Esslingen, Germany.



**Sandford Bessler, FTW Telecommunications Research Center Vienna**

Dr. Sandford Bessler has received a B.Sc. degree in Electrical Engineering (cum laudae) from Technion, Israel in 1977, a Dipl.Ing. in EE (1983) and Dr.Tech. degree with focus on Operations Research (1988), both from the Technical University of Vienna. Between 1980-2001 he was with the austrian telecom company Kapsch AG, where he conducted industrial R&D in the fields of packet network optimization, distributed multimedia and CSCW systems. Since 2001 Dr. Bessler works as a key researcher and project manager at the Telecommunications Research Center Vienna (ftw.) His current research interests are service infrastructures for intelligent transportation, optimization problems in networks, and privacy enhancement techniques. Dr. Bessler has (co-)authored over 40 papers in international journals and conferences (see <http://userver.ftw.at/~bessler>).



**Luca Casone, STMicroelectronics**

Luca Casone graduated in Computer Engineering in 2001. Since then he has been working for STMicroelectronics as a researcher. His main expertise is on algorithms and protocols, especially MAC for wireless networks.

He started working on "ad hoc" networks, subsequently moving to sensor networks, for which he also studied the channel usage fairness for environment monitoring applications. From two years his activity has been about vehicular networks and issues that may affect their performance at MAC-level, his primary interest being on the European context.



**Andras Csepinszky, ERTICO, rapporteur of ISO TC204 WG16**

Andras was born 31 August 1969 in Keszthely, Hungary. He studied biology, biochemistry and genetic engineering in Debrecen, Hungary and in Strasbourg, France.

Between 2000 and 2005 he was working in the IT operation field as manager in Debrecen, Hungary. By this time he was contributing to several international free software projects such as setting up third party software repositories for the SuSE Linux distribution, maintaining unsupported / backported software packages. In 2005 Andras set up an IT laboratory for graduate students in collaboration with the University of Debrecen, Hungary. Between 2006 and 2009 he was working at Connexis Kft. in Debrecen, Hungary as IT business analyst and later as project manager. he was working with BMW's ConnectedDrive and Wirelesscar to develop NGTP, Next generation Telematics Protocol. Later he was managing projects prototyping various telematics platforms and protocols such as CarWings, ACP, GTP.

Since 2009 he has been working at ERTICO ITS Europe as project manager. He is the SP5 leader of euroFOT and working as standardization expert at iCar Support. I contribute to the TPEG Application Working Group of the Traveler Information Service Association (TISA).

He is the Hungarian delegate to ISO TC204 acting also as the rapporteur of ISO TC204 WG16. I contribute to the 13183 CALM receiving public broadcast communication.



**Nicolai Czink, FTW Telecommunications Research Center Vienna**

Nicolai Czink received his Dipl.-Ing. (MS) degree in 2004 and Dr.techn. (PhD) degree in 2007, both From Vienna University of Technology, Austria, with distinction. His Ph.D. thesis received an award from the Austrian Electrotechnical Association (OVE). After his Ph.D., he joined Stanford University as a Postdoctoral Researcher on an Erwin Schrödinger Fellowship of the FWF Austrian Science Fund.

Currently, he is Senior Researcher at the FTW Telecommunications Research Center Vienna,

Austria, where he is managing a national research project on car-to-infrastructure communications. Nicolai Czink is the author of more than 50 research papers and communications in international journals and conferences.



**Emilio Dávila González, European Commission, DG INFSO**

Emilio Dávila graduated as Telecommunication Engineer in the Polytechnic University of Madrid and holds a Degree in Law from the Spanish Open University. Since 2002 he works in the Unit 'ICT for Transport' within Directorate General for Information Society and Media, as Research Project Officer. Emilio Dávila follows closely the standardisation activities related to Intelligent Transport Systems. He is also involved in the eCall initiative and the privacy implications of co-operative systems. Prior to this, he worked within Directorate General for Research in the programme supporting SMEs participation in the RTD Community Framework Programme. Before joining the European Commission, Emilio Dávila set up and directed the liaison office in Brussels of the Spanish Association for New Technologies, AENTEC.



**Dr. Thierry Ernst - technical coordinator of the GeoNet project**

Currently working in the LaRA group, a joint research unit between INRIA (IMARA) and Ecole des Mines (CAOR), Thierry Ernst holds a PhD in computer sciences and leads research activities on networking protocols for infrastructure-based and infrastructure-less vehicular communications. His PhD research results obtained in 2001 has served as the foundation of the IPv6 network mobility support field, better known as NEMO which also allows Internet-based communications in ITS architectures currently under specification at ISO TC204 WG16 (CALM), ETSI TC ITS, COMeSafety and the Car-to-Car Communication Consortium. After the completion of his PhD, he joined the WIDE organization in Japan in the Jun Murai Lab at Keio University for four years where he set up and led the Nautilus6 project which produced reference implementations of NEMO and other protocols. In the meantime, he also set up and chaired the IETF NEMO working group and the IETF MonAmi6 working group and co-authored several RFCs. Now working at INRIA since 2006, his research work is mostly applied to ITS. As such, he contributed the definition of the Internet-based communication architecture in the CVIS project. He is also the technical coordinator of the GeoNet project (IPv6 geonetworking). Besides his research and standardization activities he also chairs since fall 2006 the IPv6 Task Force France which aims at IPv6 awareness and dissemination at the national level in line with European Commission guidelines (DG INFSO IPv6 action plan).



**Knut Evensen, Q-Free ASA**

Mr. Evensen has been involved in European ITS R&D projects and ITS standardization efforts since 1988, and is the manager for this field in Q-Free. Knut Evensen holds several positions in ISO, IEEE, and CEN related to the development of ITS standards. In ETSI he is the chairman of WG2 - Architecture and Cross-layer management. He is also the chief architect in the European ITS R&D project CVIS (Cooperative Vehicle-Infrastructure Systems).



**Andreas Festag, NEC Laboratories Europe**

Dr. Andreas Festag is senior researcher at NEC Laboratories Europe, Network Laboratories in Heidelberg, Germany and leads a research team for vehicular communications. Andreas works for more than 10 years in the area of wireless and mobile communication. He is active in various R&D projects, in the CAR-2-CAR Communication Consortium and ETSI TC ITS. He is chairman of ETSI TC ITS Work Group 3.



**Gregor Gaertner, Volkswagen Group**

Dr. Gregor Gaertner graduated in Computer Science from Ilmenau University of Technology in 2001 and got a PhD from Trinity College Dublin for his works on predicting quality of communication links in 2007. Currently he represents the Volkswagen Group in standardization matters at ETSI TC ITS and manages various ITS projects.



**Dr. Siv Hilde Houmb, Telenor GDB&R**

Dr. Siv Hilde Houmb is a Researcher and Security Expert at Telenor GDB&R. She acts as a Telenor delegate in three standardization technical committees: ETSI TC TISPAN, ETSI TC IST and ETSI TC M2M. She has also worked as a Special Task Force (STF) expert at the Telecommunication standardization organization ETSI (for Telenor) on security topics such as risk assessment, Common Criteria, and security aspects of Intelligent Transport System (ITS) and the Next Generation Network (NGN). Her area of expertise includes risk

assessment and management, security decision support methodologies and techniques that allow architects to choose among sets of security solutions in security critical information systems, security analysis and verification techniques. Dr. Houmb have worked at Telenor since January 1999, held a post-doctoral position in the department of Information Systems at the University of Twente, The Netherlands. She was a PhD Fellow and received her Ph.D. in Computer Science (security) from the Norwegian University of Science and Technology, Trondheim, Norway and her MSc in Computer Science (security) from Østfold University College, Norway.



**Juhani Jääskeläinen, Head of Unit, ICT for Transport, at the European Commission, Directorate-General Information Society**

Mr. Juhani Jääskeläinen holds currently the position of Head of Unit, ICT for Transport, at the European Commission, Directorate-General Information Society, in Brussels, Belgium. He has a M.Sc. in Electrical Engineering and Computer Science from the University of Technology, Helsinki, Finland.

Mr. Jääskeläinen joined the European Commission in 1996 as a Principal Scientific Officer, working in the management of the Framework Programmes for Research and Technological Development. In 1999 he was nominated Head of Sector, Mobility Services in the Directorate - General Information Society (INFISO), and in 2005 he became Deputy Head of Unit. In July 2009 he was nominated the Head of Unit, INFISO G4, ICT for Transport.

The Unit's main responsibility is planning and managing Community supported research in the area of Information and Communications Technologies (ICTs) applied to transportation, as well as managing the highly successful joint industry - public sector Intelligent Car and eSafety initiatives. As HoU, the Mr. Jääskeläinen is fully responsible for the research actions of the Unit, which cover safety, energy efficiency, logistics and mobility. Mr. Jääskeläinen has a leading role in the Intelligent Car Initiative and he is currently the chair of the eSafety Forum and its Steering Group, as well as the author of four Commission Communications on eSafety and in-vehicle emergency call (eCall) between 2003 and 2007.

Mr. Jääskeläinen has a thorough industrial experience, and he has worked in the management of Research and Development in various international companies that include Ericsson and Asea Brown Boveri. Before joining the Commission he worked for several years at the Finnish Technology Development Agency TEKES, first as a Research Manager for Space Technologies and later as the Director of Space Technologies.



**Dr. Vaclav Jirovsky, Faculty of Transportation Sciences, Czech Technical University**

Dr. Vaclav Jirovsky had graduated from Czech Technical University, Prague, Czech Republic where he also defended his Ph.D. In Computing Centre of CTU he had designed a system for City Transport Monitoring and Control, deployed by Prague City Transport Authority in 1987. Then he joined Software Engineering Department at Charles University in Prague and later he had returned back to the Faculty of Transport Sciences of Czech Technical University as an

Associated Professor and Head of Department of Security Technologies and Engineering. His academia carrier had been interrupted his engagement in the large projects, when he accepted position of Director of R&D in Advanced Computer Application Inc., Pennsylvania, USA and than Executive Director for Technology in Czech Telecom Corp. in Prague. His design of Hybrid Solution for Electronic Toll System presented by 2007 had been accepted by Ministry of Transport of Czech Republic as a concept of telematic services on the territory of Czech Republic.

He is member of Expert Group of UNESCO, Court Expert appointed by Ministry of Justice, delegate of Czech Republic in Program Committee FP7 in Brussels, member of Expert Group of Ministry of Transport and member of many other associations and committees.



**Thomas Kuhn, Continental Automotive GmbH**

At Continental Automotive GmbH Mr. Kuhn is responsible for the coordination of the standardization activities in the area of Infotainment & Connectivity.

Focus areas include Intelligent Transportation Systems, System Architectures, Nomadic Device integration and eCall.

Thomas Kuhn holds degrees in electrical engineering and business administration from the University of Applied Sciences, Regensburg, Germany



**Ms Lan LIN, Hitachi Information and Communication Technologies Laboratory (ICTL, Sophia Antipolis, France)**

Before joining Hitachi Information and Communication Technologies Laboratory (ICTL, Sophia Antipolis, France), the various experiences of Lan LIN were always related to roads and transports. After having completed her bachelor's study on transportation and road construction at Tongji University in Shanghai (China) on 1998, she worked four years as a road construction and road civil engineering designer in the south-west of China. Her work was mainly on the highway alignment design and the geographical on-site survey. She

arrived in France in 2002, to study Intelligent Transportation Systems at Ecole Nationale des Ponts et Chaussées (National Institute of civil engineering) in Paris and finally obtained her Master's Degree shortly before joining into Hitachi on December 2004, where she will focus her research on the application of the mobile communications activities on ITS, in particular on Cooperative systems. She is actively involved in C2CCC APP WG and in ETSI ITS WG1, as vice-chair of both WGs. Ms. Lin is rapporteur of several ETSI deliverables in WG1. Moreover, she is also involved in several EU R&D and FOT projects such as iTETRIS, PreDRIVE, and COVEL.



#### **Hermann Meyer, Chief Executive Officer, ERTICO - ITS Europe**

Hermann Meyer was appointed Chief Executive Officer of ERTICO in December 2007 and took up his responsibilities at the beginning of February 2008. He is Vice-Chair of the eSafety Forum, Chairman of the eCall Implementation Platform, Vice President of eSafety Aware and a member of the Coordination Committee of the Network of National ITS Associations. Prior to joining ERTICO, he represented the interests of the Volkswagen Group towards the EU institutions in Brussels as head of the Government Relations Office. He joined Volkswagen in 1995 serving as manager in the 'Sustainability Strategy' department and as head of department 'Technology and Science' in the Government Relations Offices in Bonn and Berlin. He was seconded in 1996/1997 to the Principal Policy Department in the German Federal Ministry of Transport and from 2003 to 2006 to the European Car Manufacturing Association (ACEA) as Director Environmental Policies. Between 2001 and 2003, he was heading the working group 'vehicle technologies' of the 'Sustainable Mobility 2030' initiative of the World Business Council for Sustainable Development presenting the conclusions to the World Economic Forum in Davos 2003. Hermann holds a Ph.D. from Cambridge University and has lectured environmental economics and resource management at the Edinburgh University between 1993 and 1995.



#### **Marie Moe, Q-Free ASA**

Marie Moe graduated in 2004 as Master of Science in Industrial Mathematics and in 2009 as Ph.D. in Telematics at the Norwegian University of Science and Technology (NTNU). She joined Q-Free as a development engineer in 2009 and has since then been an active member of ETSI ITS Security working group. Before joining Q-Free she was a Ph.D. research fellow at the Centre of Quantifiable Quality of Service in Communication Systems, Centre of Excellence, at the Norwegian University of Science and Technology. Her areas of research have been security in computer networks, wireless networks and mobile ad hoc networks, in particular routing protocol security and privacy, together with intrusion detection and trust management.



#### **Sebastian Mueller, ETSI**

Sebastian Mueller has been a Senior Technical Expert at the Centre for Testing and Interoperability at ETSI (CTI) since 2007. Current technical activities include providing testing expertise to ETSI Technical Bodies and leadership for test projects, as well as technical management of interoperability events for ePassport, IMS, Femtocell and RFID. Prior to his position at ETSI, Sebastian was a consultant with FSCOM; responsible for developing test systems for protocols such as ISDN, QSIG, SIP, H.323, IPv6 and WiMAX. He has also given classes on the TTCN-3 testing language to clients and students. He received his MSc in Electrical Engineering from the University of Kaiserslautern, Germany in 1998.



#### **Gzim Ocakoglu, European Commission, DG TREN**

Gzim Ocakoglu is Policy Officer in charge of Intelligent Transport Systems within the Unit G4 "EU Satellite Navigation Programmes: Applications – Intelligent Transport Systems" of DG TREN at the European Commission. He is involved since 2008 in the coordination of the legislative process for the adoption by the Council and the European Parliament of the ITS Directive, proposed by the Commission in December 2008. He is also in charge of coordinating the implementation of the ITS Action Plan. Prior to joining DG TREN, he has served as Programme Manager within DG DIGIT and DG ENTR for the coordination of the security activities within the IDABC Commission Programme dealing with the pan-European interoperability of eGovernment services. Before joining the Commission in 2003, Gzim has been holding for 10 years research and management positions in the telecom industry, working for both equipment manufacturers and telecom operators.

Gzim Ocakoglu holds a MS degree in Electro-Mechanical Engineering from the Free University of Brussels and a MS in Electrical Engineering from the University of Minnesota.



**Satoshi Oyama, Hitachi, Ltd.**

Mr. Satoshi (Sam) Oyama is Senior Manager, Road Transport Systems Dept., Total Solutions Div., Hitachi, Ltd., Tokyo, Japan. While he was stationed in Hitachi Sales Corp. of America, New Jersey, U.S.A., he worked for broadcast satellite receivers and CATV equipments. After his returning to Japan, he has been involving with 5.8GHz DSRC standardization activities for several years. His current interests are on vehicle communications including WLAN for ITS applications, and millimeter wave high resolution short range radar at 79GHz.

For ITU-R SG5 WP5A, he has been a delegate of Japan. In 2009, he was assigned to Chair of Sub WG2 for ITS radiocommunications.

He is Chair of DSRC International Working Group, DSRC Expert Group, and Vice Chair of Vehicle Safety Communications Task Group, ITS Info-communications Forum, Japan.

Until August 2009, he was Leader of Wireless Communications Joint Expert Groups and Rapporteur of ITS EG, Asia-Pacific Telecommunity Standardization Program (ASTAP). Since September 2009, he is Chair of ITS TG, Asia-Pacific Telecommunity Wireless Forum (AWF).

In ISO, he has been an expert from Japan for TC204 WG15, and he was Leader of International Harmonization Project, Radio Communications Sub WG in Japan.

From December 2006 to March 2009, he served as Chair of International relationship and Architecture Sub Committee, J-Safety Committee in ITS Japan.

In May 2006, he received the Achievement Award from ITU Association of Japan. He is a registered Professional Engineer.



**Shelley J. Row, U.S. Department of Transportation's Intelligent Transportation Systems (ITS)**

Shelley J. Row is Director of the U.S. Department of Transportation's Intelligent Transportation Systems (ITS) Joint Program Office (JPO), a position she has held since January 2007. As JPO Director, Ms. Row manages a \$110 million annual budget to advance research and deployment of ITS, in support of the Transportation Department's goals of

reducing congestion and improving safety and productivity.

Ms. Row's federal career began in 1987 when she joined the Federal Highway Administration (FHWA), working in its division offices in California, Arizona and North Carolina. After a stint in FHWA's Headquarters managing ITS Early Deployment Planning and Outreach, Shelley returned to the field as Engineering Systems Manager in the Georgia Division office, where she was responsible for ITS project implementation in preparation for the 1996 Summer Olympics. Shelley's accomplishments in Georgia won her the Secretary of Transportation's Team Award and the Secretary's Gold Medal.

Returning to Headquarters in late 1996, Shelley joined the ITS Joint Program Office as the ITS Travel Management Coordinator and later was selected to be team leader of the ITS Deployment Task Force.

She was also selected to be the Departmental team lead for development of the policy on ITS architecture consistency, an effort for which she received another Secretary of Transportation's Team

Award. In 2000, Shelley became Director of FHWA's Office of Transportation Operations. In that position she led programs on highway work zone operations, security and traffic incident management, the Manual on Uniform Traffic Control Devices and road weather management. In 2003 Shelley left FHWA to become Chief Technical Officer for the Institute of Transportation Engineers, the position she held for three years immediately prior to becoming Director of the ITS Joint Program Office. Shelley has received numerous awards in government service. Among those, in addition to the

Secretary of Transportation's awards, are the FHWA's Administrator's team award and the Administrator's Superior Achievement Award. Shelley holds Bachelor degrees in Civil Engineering and Architecture from Texas Tech University and an MBA in management from Virginia Tech. She is a registered professional engineer and professional transportation operations engineer.

Shelley's civic activities include two terms as President of the Eastport (Maryland) Civic Association, Chair of the Annapolis Transportation Board and Chair of the Mayor's Transition Team on Transportation and Parking. She has run three marathons.



**Yasushi SAKANAKA, Ministry of Internal Affairs and Communications (MIC)**

Yasushi SAKANAKA entered the former Ministry of Posts and Telecommunications (MPT) in 1990.

He has been mainly engaged in technology policy, radio spectrum policy and mobile communications policy in MPT and Ministry of Internal Affairs and Communications (MIC).

He is currently Director for Land Mobile Communications, Radio Department, Telecommunications Bureau in MIC and in charge of ITS and 4th generation mobile

communications.



### **Erwin Schoitsch, AIT Austrian Institute of Technology**

Erwin Schoitsch, born July 1st, 1944 in Vienna, received his Master Degree in Technical Physics and a Bachelor degree in Computer Science (1962-1969) at the University of Technology in Vienna.

He works at AIT Austrian Institute of Technology for more than 35 years as Information Technology specialist. He was system programmer, system engineer, department head and project manager of many industrial and research projects dealing with development of systems with high dependability requirements (ELEKTRA, electronic railway interlocking system of Alcatel Austria (now part of Thales Railway Signalling)); member of the security advisory group of the Austrian National Bank for the electronic purse; industrial process control systems development (VÖEST); projects with Austrian governmental organisations; scaleable security control system of Philips (now PKE/KSG)). He was and is involved in many European projects in the area of safety, dependability and software process improvement (ESPITI, OLOS, SPIRE, ENCRESS, ACRuDA, ECUA, ISA-EuNet, AMSD, DECOS). Current projects are COOPERS, ADOSE and Watch-Over ("Peer Reviewer" of the project), specifically addressing road traffic safety and advanced driver assistance. Other current projects are MOGENTES and ProSE, addressing validation and standardization of safety-related systems. An ARTEMIS project R3-COP (Robust and Safe Mobile Robotic Co-operative Autonomous Systems) is just starting. In some of these projects, the RAMSS Analysis part is covered by AIT. He is responsible quality manager for software development in AIT, internal auditor for quality management systems according to ISO 9001 and ISO 17025. He is active in several international and national organisations and their working groups (European Technology Platforms ARTEMIS and EPoSS, EWICS TC7 (European Workshop on Industrial Computer Systems, TC7, Safety, Reliability and Security, <http://www.ewics.org/>), ERCIM – European Research Consortium for Informatics and Mathematics, Dependable Embedded Systems WG, <http://www.ercim.org/>, OCG, Future Network and others). Further on, he is member of several IPCs (International Program Committees) of renowned dependability and safety related Conferences and has a record of more than 50 publications. He is designated Austrian expert in standardization groups (IEC 61508 (SC65A, MT12/13), ISO WD 26262 (ISO TC22 SC3 WG 16) (road vehicles) on functional safety of E/E/PE Systems, and co-operating with ETSI. His main interest is the holistic approach to system dependability covering all aspects of dependability, human factors, society and environment.



### **Hans-Joachim Schade, Siemens AG, Industry Sector, Division Mobility, Munich**

Hans-Joachim Schade is Senior Manager Business Development Intelligent Transport Systems at Siemens AG, Munich, with 10 years experience in information and communication-, automotive- and transport telematics industry. He is involved currently managing in urban & interurban traffic management system projects, with the objective of system development, system operation, build up public/private partnerships; and to generate mobility information services. He is currently involved in actual C2x-R&D projects, like CVIS and AKTIV VM.

Mr. Schade is member of standardisation groups on national (DIN DKE GK 717), European (CEN/TC 278) and world wide level (ISO/TC 204). He chairs the national group and acts as convenor in CEN/TC278 and ISO/TC204 concerning the standardisation of Co-operative ITS Systems. Mr. Schade has a university degree in 1972 in mechanical engineering at the Technical University of Berlin.



### **Matthias Schulze, Daimler Chrysler R&D**

1987 – 1991 Daimler-Benz truck development, development engineer for truck engines  
1991 – 1994 Daimler-Benz R&D, research programme co-ordination PROMETHEUS  
1994 – 2002 Daimler-Benz R&D, Project Manager of several EU funded projects  
Manager "Autonomous Driving Functions"  
2002 - 2004 DaimlerChrysler R&D, Senior Manager "Traffic Assistance Functions"  
2004 - 2006 DaimlerChrysler R&D, Senior Manager "Telematics Functions"

since 2006 DaimlerChrysler R&D, Senior Manager "Intelligent Transportation Systems and Services"



### **Steve Sill, US Department of Transportation/RITA ITS-JPO**

Steve Sill is currently the program manager for Intelligent Transportation Systems (ITS) vehicle safety technology and ITS Architecture and Standards at the United States (US) Department of Transportation (DOT) Research and Innovative Technology Administration ITS Joint Program Office (JPO). He is responsible for the National ITS Architecture and ITS Standards programs and the Integrated Vehicle Based Safety Systems program. He formerly served as the IntellidriveSM technical manager at ITS-JPO. Prior to assuming that position, he was an engineer and program manager at the USDOT Federal Railroad Administration where he was responsible for managing high-speed passenger rail technology development and demonstration projects. Before this, he was an engineer at the USDOT Federal Transit Administration responsible for advanced technology transit bus programs including alternative low-emissions fuels and

hybrid- electric drive systems. Prior to assuming that position, Mr. Sill worked as a Logistics Engineering Specialist for the US Navy's Space and Naval Warfare Systems Command. He has earned a Master of Business Administration from the Virginia Polytechnic Institute and State University and a Bachelor of Science in Mechanical Engineering with an Aerospace Engineering Area of Concentration and a German Technical Translator's Certificate from the Rose-Hulman Institute of Technology. He holds a commercial airplane pilot's license with instrument and multi-engine ratings and associated flight instructor authorizations and has been employed as a flight instructor. He is licensed as a Professional Engineer by the Commonwealth of Virginia (US) and has completed a certificate program in Integrated Logistics Support at the Department of the Navy.

January 11, 2009



**Henk Stoelhorst, Dutch Road Directorate, CEN TC 278 Chairman**

Mr. Henk Stoelhorst (57) joined the Dutch Road Directorate (Rijkswaterstaat) in 1988 as technical project leader for the Dutch 'Rekening Rijden' road pricing project.

As senior advisor within the Centre for Transport and navigation he is currently active on the interface between knowledge and policy and deployment of Intelligent Transport Systems. He manages projects in the field of telematics applications in road transport, traffic control, traffic efficiency and traffic and travel information. Currently he is projectmanager for the development and introduction of dynamic speed limits for the national motorway network.

Mr. Henk Stoelhorst is an experienced international standardizer. He has been convenor of CEN/TC278/WG1 on standards for Electronic Fee Collection and is currently chairman of CEN/TC278 on Standards for Road Transport and Traffic Telematics. He is also chairman of the ICTSB/ITSSG the international forum offering standardisation stakeholders strategic coordination of ITS standardization.



**Giulio Vivo, Centro Ricerche FIAT**

Dr. Giulio Vivo is a senior researcher of Centro Ricerche FIAT. He is graduated in Information Science (1986); in the beginning of his career he worked at Tecnopolis (Bari) dealing with advanced machine vision applications, knowledge based vision systems, stereo, 2D and 3D scene reconstruction.

He participated to various European RTD programmes, starting from the famous EUREKA-Prometheus. For some of these projects his role and coordinating experience was acknowledged by relevant Scientific and Industrial Institutions (Universities, Public and

Private research Institutions). Dr. Vivo is actually involved in the field of the cooperative ITS systems, acting as Deputy Coordinator of the SAFESPOT Integrated Project.



**Thomas Weber, Federal Network Agency**

Thomas Weber is the vice chairman of ETSI TC ITS and chairman of the ITS WG 4 - Media Related as well as of several other ETSI task groups dealing with PMR, DMR, GSM-R, UWB in ETSI as well as ETSI Liaison Officer to the CEPT working group on spectrum engineering.



**Walter Weigel, ETSI, Director-General**

Dr. Walter Weigel graduated in 1984 Master of Science in Electrical Engineering, Technical University Munich and in 1990 Ph. D. in Electrical Engineering on pattern recognition. He is since 1.9.2006 Director General of ETSI (European Telecommunications Standards Institute), the world-wide leading ICT standards organisation. Prior to this, Dr. Weigel had several management responsibilities at Siemens Germany where he started in 1991.



**Michelle Wetterwald, EURECOM**

Michelle Wetterwald graduated from Telecom Bretagne, France, in 1982. She first worked at Thomson-CSF where she designed payload systems for telecommunications and direct TV public satellites. She joined IBM Networking Systems in La Gaude, France in 1988 where she worked on several networking products for ISDN, WLAN and IEEE 802.11 in 1992, ATM, Network Management and finally multi-protocol hubs. She is currently a senior research engineer at EURECOM in Sophia Antipolis, France. Her domain of interest is the Radio

Resource Control (RRC) in the UMTS/LTE radio protocols and its direct interconnection with the IPV6 protocol stack for the support of QoS and mobility. She has extended the stack of the EURECOM software radio experimental platform to support the MBMS (Multicast/Broadcast Multimedia Service) and the 802.21 Media Independent framework. She is author and co-author of 6 patents on WLAN systems and 20+ papers on

Beyond-3G networking mechanisms. She is now also involved in Intelligent Transport Systems communications and Emergency Alerting Systems. She is a Senior Member of the IEEE and a member of the Phi Theta Kappa International Honor Society (USA).



**Takeshi Yamamoto, NEC Corporation**

Takeshi Yamamoto received BS degree in pure and applied science from University of Tokyo and MS degree in electrical engineering from University of Southern California.

He has been working for NEC corporation since 1988 and is engaged in development of Digital Microwave Communication systems and Wireless LAN systems.

Since 2001 He has been involved in ITS business promotion, R&D and standardization activities.

He is Chair of Vehicle Communication Systems International Working Group, ITS Info-Communications Forum, Japan and Chair of ITS Task Force, Global Standards Collaboration.