

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



**AGENDA  
Update**

10 – 12 February 2010

13:30	<p><b>INTRODUCTION</b></p> <ul style="list-style-type: none"> <li>• <b>Welcome Address</b> Walter Weigel, ETSI Director-General</li> <li>• <b>International standardization for ITS in ETSI</b> Soeren Hess, ETSI TC ITS Chairman</li> </ul>
13:45	<p><b>GLOBAL STANDARDIZATION AND RESEARCH ON ITS</b> <b>Moderator:</b> Gregor Gärtner, Volkswagen AG</p> <ul style="list-style-type: none"> <li>• <b>Impact of the Double Radio Interface Solution on Network Performance</b> Luca Casone, ST Microelectronics</li> <li>• <b>Cooperative systems for road safety Smart Vehicles on Smart Roads: the SAFESPOT Integrated Project</b> Giulio Vivo, SAFESPOT Integrated Project Deputy Coordinator</li> <li>• <b>iTETRIS: the integrated wireless and traffic platform for real time road traffic management</b> Michelle Wetterwald, Eurecom</li> <li>• <b>Bringing Robustness into 5.9 GHz ITS WAVE/DSRC Systems</b> Nicolai Czink, FTW</li> </ul>
15:45	<p><b>Networking Coffee</b></p>
16:15	<p><b>KEYNOTES and PANEL DISCUSSION ON INTERNATIONAL STANDARDIZATION FOR ITS</b> <b>Moderator:</b> Soeren Hess, ETSI TC ITS Chairman</p> <ul style="list-style-type: none"> <li>• <b>Cooperative Mobility and the importance of harmonised international standards</b> Juhani Jääskeläinen, European Commission</li> <li>• <b>International Harmonization of Cooperative Systems Standards US Department of Transportation Perspective</b> Shelley Row, US Department of Transportation, Director, ITS Joint Program Office</li> <li>• <b>ITS Radio Systems in Japan</b> Yasushi Sakanaka, Ministry of Internal Affairs and Communications Japan (MIC)</li> <li>• <b>Current activities towards deployment of cooperative mobility services</b> Hermann Meyer, Chief Executive Officer, ERTICO, ITS Europe</li> <li>• <b>Regulatory framework for ITS deployment in the European Union</b> Gzim Ocakoglu, European Commission DG TREN</li> </ul>
18:30	<p><b>NETWORKING SESSION</b></p>

<b>8:30</b>	<p><b>SESSION 2: THE EUROPEAN COMMISSION MANDATE ON ITS</b></p> <p>The European Commission issued a mandate to the European Standards Organization (CEN, CENELEC, ETSI) on the development of standards for cooperative Intelligent Transport Systems. The panellists will present the objectives of this mandate and afterwards present and discuss the envisaged joint action plan to address the mandate</p> <p><b>Moderator:</b> Soeren Hess, ETSI TC ITS Chairman</p> <ul style="list-style-type: none"><li>• <b>European Commission's expectations towards the mandate</b> Emilio Davila Gonzales, European Commission</li><li>• <b>ITS standards: the CEN/TC278 perspective</b> Henk Stoelhorst, CEN TC 278 Chairman</li><li>• <b>Overview of ETSI TC ITS actions under the mandate</b> Soeren Hess, ETSI TC ITS Chairman</li><li>• <b>Agreed repartition of work between CEN and ETSI under the mandate</b> Hans-Joachim Schade, CEN TC 278 WG16</li></ul>
<b>10:30</b>	<b>Networking Coffee</b>
<b>11:00</b>	<p><b>SESSION 3 : SO FAR SO NEXT - PANEL DISCUSSION ON ETSI ITS WORKING GROUPS STANDARDIZATION ACTIVITIES</b></p> <p>The ETSI TC ITS working group chairmen will provide a detailed status report on what has been standardized so far and which standardization activities will start in the near future. The speakers will identify the challenges and successes which were encountered during the activities. Furthermore, with regards to the European mandate on ITS and to the global cooperation it will be discussed whether the roadmaps are complete or whether things are missing that should be addressed. From the results the next steps will be drafted.</p> <p><b>Moderator:</b> Soeren Hess, ETSI TC ITS Chairman</p> <ul style="list-style-type: none"><li>• <b>Application Requirements and Services</b> Lan Lin, Hitachi, Working Group 1 Vice Chairman</li><li>• <b>Architecture and Cross Layer</b> Knut Evensen, Q-Free, Working Group 2 Chairman</li><li>• <b>Transport and Network</b> Andreas Festag, NEC Europe Ltd, Working Group 3 Chairman</li></ul>
<b>12:30</b>	<b>S a n d w i c h   L u n c h</b> <b>Offered by ETSI in the ETSI Lobby</b>

**14:00 SESSION 3 : SO FAR SO NEXT - PANEL DISCUSSION ON ETSI ITS WORKING GROUPS STANDARDIZATION ACTIVITIES (continue)**

**Moderator:** Soeren Hess, ETSI TC ITS Chairman

- **Media and Medium related**  
Thomas Weber, BMWi Working Group 4 Chairman
- **Security**  
Siv Hilde Houmb, Telenor, ETSI TC ITS Working Group 5
- **Interoperability and Testing**  
Sebastian Mueller, ETSI, Centre for Testing and Interoperability

**15:30 Networking Coffee**

**16:00 SESSION 4: GLOBAL STANDARDIZATION AND RESEARCH ON ITS**

Since the international cooperation on ITS standards intends to provide a set of comprehensive and complementary standards the speakers will outline how they contribute to completing the picture. Like the previous session a detailed status report on what has been standardized so far and which standardization activities will start in the near future will be presented. The speakers will identify the challenges and successes which were encountered during the activities. In addition, research on Cooperative Systems is still ongoing around the globe. It is crucial to synchronize such research activities and to feed the research results into standardization. This session also intends to identify such projects and how they could contribute to standardization.

Furthermore, with regard to the European mandate on ITS and to the global cooperation it will be discussed whether the roadmaps are complete or whether things are missing that should be addressed. From the results the next steps will be drafted.

**Moderator:** Gregor Gärtner, Volkswagen AG

- **Standardization and research activities on cooperative systems in Japan**  
Takeshi Yamamoto, NEC Corporation, ITS Business Promotion Center
- **ITU The international collaboration in ITS radio communication standards from an ITU-R perspective**  
Satoshi Oyama, Hitachi Ltd
- **ISO TC 204 – Intelligent Transport Systems - Global ITS standards with a focus on Cooperative Communication Systems**  
András Csepinszky, ISO TC204 WG16
- **Combination of IPv6 and geonetworking: Output of the GeoNet project**  
Thierry Ernst, INRIA

**18:00 NETWORKING SESSION**

<b>09:00</b>	<p><b>SESSION 5: DEPLOYMENT OF COOPERATIVE SYSTEMS</b></p> <p>When deploying cooperative systems it is important to realize that they can also be used for connecting to the outside world. In that sense it is essential to define applications and services, to have interfaces and connectivity to infrastructure. In that sense, car makers, network and road operators as well as service providers have to come together and to discuss how standardization of applications and services will ease the deployment. Furthermore, mobile operators with ubiquitous coverage will demonstrate how they can contribute to bridging the gap between vehicles and infrastructure.</p> <p><b>Moderator:</b> Martin Arndt, ETSI TC ITS Technical Officer</p> <ul style="list-style-type: none"><li>• <b>PRE-DRIVE C2X project : Commercial services as key to successful implementation of cooperative systems</b> Matthias Schulze, Daimler AG</li><li>• <b>CVIS Communication Performance Results</b> Marie Moe, Q-Free</li><li>• <b>COOPERS - Co-operative systems for intelligent road safety - Analysis and Validation: Communications, HMI and Test Bench – first results</b> Erwin Schoitsch, AIT Austrian Institute of Technology</li><li>• <b>International Harmonization of Cooperative Systems Standards and the Intellidrive SM Program</b> Steve Sill, US Department of Transportation, Program Manager Vehicle Safety Technology, ITS Architecture and Standards</li></ul>
<b>10:30</b>	<b>Networking Coffee</b>
<b>11:00</b>	<p><b>SESSION 6 : COOPERATIVE SYSTEMS, ONE STEP BEYOND</b></p> <p>By now, much experience has been created with regard to cooperative systems. A set of related standards is going to be published and deployed soon. This session intends to find out whether other ITS related areas can benefit from that unique expertise. Can next generation train management systems be derived from technologies used for cooperative systems? Can mobile phones be equipped in a way to make pedestrians visible to vehicles? Are services such as real-time car-sharing just a vision or are they feasible?</p> <p><b>Moderator:</b> Martin Arndt, ETSI TC ITS Technical Officer</p> <ul style="list-style-type: none"><li>• <b>TISA in the ITS-landscape: Competition or Complementation for V2V</b> Thomas Kuhn, Continental Automotive GmbH</li><li>• <b>Hybrid architecture and 17 575 standard</b> Jirovsky Vaclav, Faculty of Transportation Sciences, Czech Technical University, Prague</li><li>• <b>ITS distributed road side infrastructure and standardization needs</b> Sandford Bessler, FTW Austria</li></ul>
<b>12:30 -</b>	<p><b>SUMMARY AND CLOSING SESSION</b></p> <p>This session will summarize the workshop and discuss the next steps.</p> <p>Søren Hess, ETSI TC ITS Chairman</p>