1st ETSI TC ITS WORKSHOP

Agenda

4 – 6 February 2009
Sophia Antipolis

Supported by
13:30 - 15:00 OPENING ADDRESS & KEYNOTE SPEECHES
Moderator: Søren Hess, ETSI TC ITS Chairman, Daimler AG

- Opening address
  Søren Hess, ETSI TC ITS Chairman, Daimler AG

- Global ITS standardization and the role of ETSI
  Walter Weigel, ETSI Director-General

- ITS key activities from a European and global point of view
  Hermann Meyer, CEO ERTICO

- European approach to the Co-operative systems for safety and efficiency - importance of standards in ensuring interoperability
  Emilio Davila-Gonzalez, European Commission, DG INFSO.G.4 - ICT for Transport

15:00 - 15:30 Coffee Break

15:30 - 17:00 WHAT ARE INTELLIGENT TRANSPORT SYSTEMS?
Moderator: Søren Hess, ETSI TC ITS Chairman, Daimler AG

- Cooperative Mobility: New Transport Paradigms for the 21st Century
  Paul Kompfner, ERTICO

- Human Factors and ITC in cars
  Françoise Petersen, Apica

- Intelligent vehicle ... towards automated road
  Claude Laurgeau, Ecole des Mines de Paris
17:00 - 18:30 INTELLIGENT TRANSPORT SYSTEMS IN PLACE
This session intends to present examples of successful ITS deployments and to discuss how these running systems can provide input to standardization and if standardization is required in specific cases.
Moderator: Søren Hess, ETSI TC ITS Chairman, Daimler AG

- Traveller Information Service Association
  Teun Hendriks, Co-chair Technical and Standardization Committee, Traveller Information Services Association (TISA)

- Optimised Voice And Data Communications For Transportation Systems using TETRA
  Oscar Louro, Marketing Manager from TELTRONIC, S.A.U.

- Optimized road safety through eCall: a multidimensional case for Next Generation Intelligent Transport Systems
  Wouter Degadt, IBBT SMIT, Free University of Brussels

18:30 NETWORKING SESSION IN THE ETSI LOBBY
09:00 - 10:30 EUROPEAN RESEARCH PROJECTS ON INTELLIGENT TRANSPORT SYSTEMS
This session intends to present research work carried out on Intelligent Transport Systems. This should lead to discuss on how these research results could be fed into standardization.
**Moderator:** Peter Christ, ERTICO, ITS Europe

- **CVIS:** First results from tests and validation
  Peter Christ, ERTICO, ITS Europe

- **Safespot, Integrated Project, Co-operative Systems for Road Safety, "Smart Vehicles on Smart Roads"**
  Roberto Brignolo, CRF

- **PREDRIVE C2X**
  Dieter Seeberger, Daimler AG

10:30 - 11:00 Coffee Break

11:00 - 12:30 VEHICULAR COMMUNICATIONS (1)
This session intends to provide a general overview on vehicular communications and to provide the status of the related standardization work. It should be discussed whether the current standardization work satisfies the market demand and what is still required to deploy such systems.
**Moderator:** Martin Arndt, ETSI, TC ITS Technical Officer

- **COMeSafety:** specific support action
  Andreas Lübke, Volkswagen AG

- **ITS application requirements**
  Gérard Ségarra, ETSI TC ITS Working Group Application Requirements and Services Chairman (WG1), Renault telematics Expert on behalf the C2C-C Consortium

- **Standardization activities in TC ITS Working Group Architecture and Cross Layer (WG2)**
  Knut Evensen, ETSI TC ITS Working Group 2 Chairman, Q-Free

- **Global Standardization of Network & Transport Protocols for ITS with 5 GHz Radio Technologies**
  Andreas Festag, ETSI TC ITS Working Group Transport and Network (WG3) Chairman, NEC Europe

12:30 - 14:00 Lunch
14:00 - 15:30

**VEHICULAR COMMUNICATIONS (2)**

This session intends to focus on vehicular communications and to provide the status of the related standardization work. It should be discussed whether the current standardization work satisfies the market demand and what is still required to deploy such systems from a technical point of view.

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

- **Intelligent Transport Systems ETSI TC ITS Working Group 4, Media and Medium Related**
  Thomas Weber, ETSI TC ITS Working Group 4 Chairman, German Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway

- **Does the 802.11p MAC Method Provide Predictable Support for Low Delay Communications?**
  Katrin Bilstrup, Halmstad University

- **Security in ITS: The role of WG5**
  Scott Cadzow, ETSI TC ITS Working Group Security (WG5) Chairman, C3L

- **ITU-T SG16 Vehicle Gateway Platform for ITS/Telematics**
  Soyeon Lee - ETRI

15:30- 16:00

**C o f f e e   B r e a k**

16:00 – 17:30

**CONFORMANCE TESTING, INTEROPERABILITY AND FIELD OPERATIONAL TESTS**

This session intends to provide information on conformance testing and interoperability (e.g. objectives, methods, services) and field operational tests (including related reports). Although it is obvious that these are required a discussion should clearly indicate how to benefit from conformance testing and field operational tests and how and when to link these topics to the standardization work.

**Moderator:** Andreas Festag, ETSI TC ITS Working Group Transport and Network (WG3) Chairman, NEC Europe

- **How to safeguard interoperability**
  Stefan Schulz, ETSI Centre for Testing and Interoperability (CTI)

- **ITS Challenges: Standardization, Certification and Testing**
  Antonio Plaza Ortega, AT4Wireless

- **SIMTD Field Operational Tests**
  Christian Weiss, Daimler AG
09:00 - 10:30 INTELLIGENT TRANSPORT SYSTEMS (ITS) INFRASTRUCTURE
This session intends to feature the required infrastructure for Intelligent Transport Systems (ITS) like Roadside to Vehicle communications, broadband connectivity to vehicles. It should be discussed what is required to get a reliable and affordable ITS infrastructure that will be used for offering corresponding ITS services.

Moderator: Gregor Gärtner, Volkswagen AG

- Views from infrastructure and road operators
  Jacques Boussuge, ASFA

- The European COOPERS Project - Cooperative Systems for Intelligent Road Safety: Providing in vehicle traffic management information
  Hannes Stratil, EFKON

- Intelligent Transport Systems and Services (ITS) Infrastructure: The Standardization requirements from an ASECAP Perspective
  Rui Camolino, Chairman of ASECAP COPER III, the Permanent Commission III of ASECAP dealing with ITS

- Cellular Vehicle Communications: Background and Business Considerations from the CoCar Project
  Ulrich Dietz, Senior Technology Manager - Intelligent Transport Systems Vodafone GROUP Research & Development

10:30 - 11:00 Coffee Break

11:00 - 12:30 STRATEGIES FOR EUROPEAN AND WORLDWIDE ITS STANDARDIZATION
This session intends to focus on the regulatory aspects and on the strategies for international ITS standardization. Although Intelligent Transport Systems are of very global nature the regional regulatory and technical frameworks may differ. Is it required to streamline the regulatory regimes and to harmonize the technical standardization to pave the way for successful global ITS deployment? To which extent and when should this happen? Is it required to dovetail these both domains more significantly? There should be some answers.

Moderator: Gregor Gärtner, Volkswagen AG

- The cooperation between IEEE/P1609/802.11p, ISO/CALM and ETSI TC ITS
  Knut Evensen, Q-Free

- Activities on ITS Radiocommunications Standards in ITU-R and in Japan
  Satoshi (Sam) Oyama, Hitachi Ltd Japan
• Electronic Communication Networks and information systems applied to ITS framework architecture: stakeholders' cooperation for the provision of integrated services
  Maria Jose Martinez, University of Madrid

• Introduction of ISO/TC204/WG14 - Vehicle/Roadway Warning and Control Systems
  Akio Hosaka, ISO/TC204/WG14Expert, Advanced Cruise-Assist Highway System Research Association (AHSRA)

• Introduction of ISO/TC204/WG16/SWG16.3 activities and probe data format
  Taka Sugiura, Mitsubishi Research Institute, Inc.

12:30 - 13:00 SUMMARY AND CLOSING SESSION

• Søren Hess, ETSI TC ITS Chairman, Daimler AG