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1st Workshop on Internet of Things:
Reality or Science fiction/Industry hype ….??

Date: Tuesday, May 19, 2009
Time: 9:20 am – 12:30 pm
Venue:
IEEE Wireless Vitae 2009,
Aalborg, Denmark

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== Workshop Co-chairs ==

Dr. Neeli R. Prasad, ASPIRE Project Coordinator, Center for TeleInFrastruktur (CTIF), Aalborg University, Denmark, np@es.aau.dk

Dr. Patrick Guillemin, ETSI, Strategy & New Initiatives, France, patrick.guillemin@etsi.org

Dr Florent Frederix, Head of Sector, European Commission - Information Society & Media Directorate General, Networked Enterprise & Radio Frequency Identification unit, Florent.FREDERIX@ec.europa.eu

== Scope ==

Technologies like RFID, short-range wireless communications, real-time localization and sensor networks are now becoming increasingly common, bringing the Internet of Things (IoT) into commercial use. Connections are multiplying and create an entirely new dynamic network of networks: Real World Internet (RWI).

The RWI is neither science fiction nor industry hype, but is based on solid technological advances and visions of network ubiquity that are jealously being realized. It is important that all stakeholders exercise great care in addressing questions of governance, policy and regulation as the Internet evolves. Common agreement on terminology and concepts is necessary and a sound understanding of the Internet itself by all stakeholders cannot be assumed.

Topics for the call but not limited to:

Shaping the Market: Opportunities
- New ways of thinking
- Critical Mass
- New business models

2020: A day in my life
- Imagine the future
- An interactive ecosystem
- A better world

Policies and Regulations

Enabling Technologies:
- Tagging things: RFID
- Feeling things: Sensor technologies
- Thinking things: Smart technologies
- Shrinking things: Nanotechnology

Challenges and Concerns:
- Technologies
- Management
- Security and Privacy
- Trust and Identity
- Scalability
- Standardization
- Architecture
- System

Final Program

09.20 - 09:25 Welcome by Chair: Neeli R. Prasad

09:25 – 10:00 Opening by Patrick Guillemin

Invited speakers

10:00 – 10:20 1569216716: *Privacy law and privacy economics according to wireless*
Mikael Hertig (CEO at Nensome, DK)

10:20 – 10:40 1569216718: *RFID and sensor networks - two overlapping technologies*
Torben Jørgensen (Danish Technological Institute, ICT Development, DK)

10: 40 – 11:00 Coffee Break

Session:

11: 00 – 11:15 1569198111: *Internet of Things and Radio Frequency Identification in care taking, facts and privacy challenges*
Ines Frederix (University of Hasselt, Belgium, BE)

11:15 – 11:30 1569200151: *Intranets of Goods: Towards an Open Architecture - The WINGS Project*
Nicolas Pauvre (GS1 France, FR); Sophie Le Pallec (GS1 France, FR)

11:30 – 11:45 1569186163: *Integration of RFID Readers into Wireless Mobile Telecommunication Networks*
Ramiro Samano-Robles (Instituto de Telecomunicações, PT); Atilio Gameiro (Telecommunications Institute/Aveiro University, PT)

11:45 – 12:00 1569199692: *Towards Unified Tag Data Translation for the Internet of Things*
Loïc Schmidt; Nathalie Mitton (INRIA Lille-Nord Europe, CNRS UMR 8022, IRCICA, USTL, FR); David Simplot-Ryl (INRIA, Univ. Lille, FR)

12:00 – 12:15 1569199991: *Internet of Things and Privacy Preserving Technologies*
Vladimir Oleshchuk (University of Agder, NO)

12:15 – 12:30 1569200798: *IDENTITY THEFT - a serious information security risk*
Priyanka J (SDDI, IN)

12:30 – 12:45 1569201982: *RFID Guidelines in Practise: A Reality Check*
Birgit Gampl (MGI METRO Group Information Technology GmbH, DE); Gerd Wolfram (MGI METRO Group Information Technology GmbH, DE)

12:45 – 12:50 Closing by Neeli R. Prasad