



WAMS 2008 18th and 19th November in Ylivieska, Finland Wireless Applications for Machines and Systems

Changes possible, contact person: Jorma Hintikka. Exhibitors will be found from the web page.
(<http://ylivieska.centria.fi/wams2008>)

18th November

8.30 Registration and coffee

Morning session: Ubiquitous applications, chairman Mika Luimula, CENTRIA

9.00 Key note speech: UBICOM State Of The Art in Japan and Ocha House Case. Professor Itiro Siio, Ochanomizu University, Japan

9.45 Vision of Ubiquitous Society. Heikki Ailisto, VTT, Finland

10.15 Sensor networks in GIS systems. Johannes Schoening, Muenster University, Germany

10.45 Coffee / Exhibition / Posters

11.15 RFID Future Innovations. Jari Ovaskainen, UPM Raflatac, Finland

11.45 UHF RFID in mobile phones. Jari T Savolainen, Nokia, Finland

12:15 Lunch / Exhibition / Posters

Afternoon session: Testing systems and circuits, chairman Janne Känsäkoski, CENTRIA

13.15 Key note speech: Design of RF building blocks for wireless systems: LNA, mixer, VCO. Professor Alexander Korotkov, St.Petersburg State Polytechnical University, Russia

14.00 Experiences of WiBro technology in South Korea. Jouni Tervonen, Oulu Southern Institute (OEI) / University of Oulu, Finland

14.20 Mobile WiMAX Field Testing Pilot. Markus Ahokangas, Pohjanmaan Puhelin Oy, Finland

14.45 Coffee / Exhibition / Posters

15.15 System Verilog in embedded system testing. Harri Valasma, Sarokal Solutions Oy, Finland

15.45 Radio Channel Modeling. Jukka-Pekka Nuutinen, Elektrobit, Finland

16.15 Method to Assess Coexistence in Industrial Environments. Marko Kraetzig, ifak, Germany

16.45 Coffee / Exhibition / Posters

18.00 Exhibition closes, going to hotel

20.00 Dinner in Hotel



19th November

7.45 Registration and coffee

Morning session: Intelligent machines and home automation, chairman Sakari Pieskä, CENTRIA

8.00 Key note speech I: RoboDOMO project : a smart robot with M2M smart environment to monitor elderly people at home. Professor Serge Miranda, University of Nice Sophia Antipolis, France

8.45 Key note speech II: State of the art in intelligent machines and home automation. Professor Aarne Halme, TKK, Finland

9.30 Coffee / Exhibition / Posters

10.00 UbiCom and delivering results in Virtual Worlds for home applications. Oliver Goh, Implenia Ltd, Switzerland

10.30 Intelligent robots on field, on air, at home and on your desk. Matti Tikanmäki, Probot Ltd./University of Oulu, Finland

11.00 Experiences in SensoTag project. Juha Huttunen, KitWorks.fi Oy Ltd and Mika Luimula, CENTRIA, Finland

- Including sensor network connection for handheld device - the world first 6LoWPAN mobile device: Application to Kitworks with Sensinode's 6LoWPAN sensor network technology

11.30 Lunch / Exhibition / Posters

Afternoon session: Wireless Applications for Low Energy Living, Chairman Jouni Tervonen, OEI

12.30 Key note speech: Comfort & Energy Control for an Open Office: Advancements in Demand Control Systems. Dr. Mark B. Luther, Deakin University, Mobile Architecture and Built Environmental Laboratory, Australia

- Experiments of the applications in real buildings: savings even 50% to 60% percent in some sub areas

13.15 UPnP wireless control on home automation: examples in light and ventilation control. Joni Jämsä, CENTRIA

13.45 Coffee / Exhibition / Posters

14.15 How households can save thousands of dollars off their electricity bills with ZigBee technology. Shaun Merrick, Energy Optimizers Limited, UK

14.45 Case: Industrial facility reduced the energy costs by 37% over the course of one year – Link2Web ZigBee energy management system. Thomas Lerm, MeshNetics, Germany

15.15 Case: Stockman warehouse wireless comfort and temperature control. Jonas Wikström, Fidelix Oy, Finland

15.45 Coffee / Exhibition / Posters (Exhibition closes at 17.00)

BSR Innonet ICT pilot meeting at 16.00-19.00