



Venue, Date, Registration and Accommodation

ICT Mobile Summit 2008
Folkets Hus of the City
Conference Centre in
Stockholm, Barnhusgatan.
0900 – 1700 Monday 9th June
2008. Please register via the ICT
Mobile Summit 2008 at:
www.ict-mobilesummit.eu

Organisers

Mirko Presser,
The University of Surrey,
Technical Manager of FP7 ICT-
SENSEI project



Palaniswami and Slaven
Marusic, University of
Melbourne, ISSNIP



Preconference to ICT Mobile
Summit 2008



Wireless sensor and actuator network research on opposite sides of the globe - Europe/SENSEI and Australia/ISSNIP

The workshop on “Wireless Sensor and Actuator Network Research on Opposite Sides of the Globe” gives a unique insight into research topics of two large research consortia, the ISSNIP consortium and the SENSEI consortium on the topic of Wireless Sensor and Actuator Networks.

The ARC Research Network on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP) is the primary interface for sensor network research in Australia and consists of a network of more than 50 world leading local and international researchers from academia and industry, with a broader network of more than 100 affiliated researchers and students, as well as extensive links throughout Australia, the USA, Europe and Asia. The Research Network is part of an Australian Research Council initiative, created to facilitate increased inter-disciplinary collaboration across academia and industry in key research and development areas.

The SENSEI consortium (www.sensei-project.eu) is composed out of 9 companies, 2 SMEs, 2 research centres and 6 Universities, all based in Europe. The consortium was established to jointly work on wireless sensor and actuator network (WS&AN) technology and address the challenges of integrating WS&ANs into the Future Internet. The SENSEI consortium runs the SENSEI project as part of the 7th European Framework Programme on the topic of “The Network of the Future”.

Workshop Programme

- 0830 Registration Desk Open
- 0900 Welcome by Research Consortia – Laurent Hault and Palaniswami
- 0945 "System level optimisation and design for ULP radios : from an IEEE 802.15.4 compliant SoC to a multi-standard reconfigurable design", Eric Mercier
- 1015 "Ad-Hoc Wireless Sensor Network Localization using Support Vector Regression", A. Shilton
- 1045 Coffee Break
- 1100 "Towards Activity Recognition in Service-Oriented Body Area Networks", Raluca Marin-Perianu, Clemens Lombriser, Mihai Marin-Perianu, Paul Havinga and Gerhard Troester
- 1130 "System concepts, interactions and technical challenges in the SENSEI system domain", A. Gluhak, T. Bauge, V. Stirbu, F. Carrez, M. Bauer, M. Johansson and A. Munari
- 1200 Lunch
- 1330 "A Framework for the Management of Wireless Sensor Network Islands through Dynamic Network Reconfiguration", Nicola Bui, Michele Rossi, Giovanni Zanca, Michele Zorzi
- 1400 "Secure code distribution in wireless sensor networks", Y.W. Law
- 1430 "Sensor Network Implementation for the Great Barrier Reef", S. Marusic, S. Rajasegarar, J. Gubbi and M. Palaniswami
- 1500 "Underwater Sensor Networks", R. Johnstone, et. al.
- 1530 Coffee Break
- 1600 Poster Teasers and Discussions
- 1700 Close of Workshop

For more information visit: www.sensei-project.eu and look out for events
Contact: m.presser@surrey.ac.uk

