

Welcome the Wireless World

3rd Workshop on the Pervasive Application of Wireless Technologies

September 27, 2011, Enschede, The Netherlands

<http://w3workshop.nl>

OVERVIEW

Pervasive Application of Wireless Technology workshop is a series of workshops which will take place this year for the third time. It will bring together researchers from different fields which all share a passion for wireless technologies. The W3 workshop aims to stimulate out-of-the-box thinking and collaboration. Often the same basic challenge can be found in different research areas, while details differ depending on the application field and the core problem stays the same.

Invited talks

The 3rd edition of W3 workshop welcomes:

- prof. Torsten Braun, University of Bern, Switzerland
- dr. Maria Lijding, Smart Signs solutions B.V., The Netherlands

TOPICS OF INTEREST

Contributions on ongoing or finished research, (research oriented) industry papers as well as position papers on new research challenges are welcome. Submissions from a broad spectrum of research fields are expected, all having the common interest in wireless technologies. We especially encourage papers dedicated to the applicability of wireless technologies.

Topics of interest include, but are not limited to, the following:

- Cellular networks
 - UMTS
 - LTE/WiMAX
- Optimization technique for wireless networks
- Beamforming Techniques
 - Analogue and digital beamforming
 - Adaptive beamforming
 - Wideband beamforming
 - Narrowband beamforming
 - Collaborative beamforming
- Multiple Input Multiple Output (MIMO)
- Short-range wireless technologies
 - Bluetooth
 - Zigbee
- Energy efficiency and harvesting
- Cognitive radio
- Underwater communications
- Geo-sensor networks
- Wireless networks
 - Sensor networks
 - Mesh networks
 - Mobile ad-hoc networks
 - Multimedia networks
 - Vehicular networks
- Wireless networks management
 - Monitoring
 - QoS provisioning
 - Resource management
 - Re-configurability
 - Deployment tools

SUBMISSIONS

- **Papers**

Papers on completed or ongoing previously unpublished research as well as position papers are welcome. Short papers should be at minimum four and maximum six A4 pages, including figures, tables and references.

- **Posters**

Poster abstracts of length one to two pages are also welcome. The abstract should contain information on the research problem, the proposed solution and presented results. Few references will also be appreciated.

Please, send your submission, stating the type, to w3workshop@ewi.utwente.nl

PUBLICATION

Both papers and poster abstracts should follow the Springer LNCS format (single column). The proceedings will be digitally published as a technical report with an ISSN number from CTIT.

IMPORTANT DATES

Paper submission:	30 July 2011 (extended)
Acceptance notification:	15 August 2011
Camera-ready:	25 August 2011
Registration:	25 September 2011

ORGANISATION COMMITTEE

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