



<http://www.mobilight.org/MobiSense2011.shtml>

OVERVIEW

The MobiSense workshop aims to bring together researchers from different fields which all share a passion for wireless sensor and cellular networks. The workshop is dedicated to the collaboration and interoperability among wireless sensor and cellular networks. These border research topics are of interests since they could provide means to enhance the performance of the various wireless technologies which are currently deployed.

The MobiSense workshop stimulates out-of-the-box thinking and collaboration. On the one hand, out-of-the-box thinking is a prerequisite when addressing the novel issues appearing in a heterogeneous network. On the other hand, collaboration is a key to innovation and further progress. By bringing together researchers from different wireless areas but sharing common problems the workshop enables not only experience sharing but also inspires new idea which all benefit the problem solving process. In suit, the topics' nature, specifically dedicated to interoperability, opens the way toward enriching discussions and out-of-the-box thinking. Invited speakers contribute to the workshop by sharing their vision about the future of interconnecting wireless networks.

The MobiSense workshop welcomes researchers from the scientific community (of both university and research institutes) as well as participants from the industry.

TOPICS OF INTEREST

Contributions on ongoing or finished, previously unpublished research as well as proposal papers on new research challenges are welcomed. We especially encourage papers dedicated to integration of wireless sensor and cellular networks and their applications.

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

- Architecture and framework
 - Architecture and networking paradigms for opportunistic sensing
 - Protocol stacks with interoperability support
- Wireless networks management
 - Monitoring
 - QoS provisioning
 - Resource management
 - Re-configurability
 - Deployment tools
- Networking
 - Optimization techniques for opportunistic networks
 - Self-configuration within heterogeneous networks
 - Opportunistic dissemination
- Distributed data processing

- Distributed data storage and forward
- Sensor fusion and context awareness
- Applications
 - New applications of opportunistic sensing including social networks, games and entertainment, urban and environmental monitoring and management

IMPORTANT DATES

Paper submission: 01 March 2011
 Acceptance notification: 25 March 2011
 Camera-ready: 01 April 2011
 Early registration: 10 April 2011

SUBMISSIONS

To submit a paper please e-mail the PDF file version to mobisense@ewi.utwente.nl.

Full papers of previously unpublished research as well as comprehensive description of new research plans are welcomed. The papers should be at minimum six and maximum eight A4 pages, single column, 10pt, including figures, tables and references. Papers should follow the Springer LNCS format.

GENERAL CHAIRS

Desislava Dimitrova, Universität Bern, Switzerland (dimitrova@iam.unibe.ch)
 Hans van den Berg, TNO, The Netherlands
 Paul Havinga, Universiteit Twente, The Netherlands
 Nirvana Meratnia, Universiteit Twente, The Netherlands

TECHNICAL PROGRAM COMMITTEE

Francisco Barcelo-Arroyo, Universitat Politecnica de Catalunya, Spain
 Jens-Matthias Bohli, NEC, Germany
 Torsten Braun, Universität Bern, Switzerland
 Marilia Curado, Universidade de Coimbra, Portugal
 Garabed Dzahigian, Mobiltel, Bulgaria
 Rossitza Goleva, Technical University Sofia, Bulgaria
 Sonia Heemstra de Groot, TU Delft, The Netherlands
 Geert Heijenk, Universiteit Twente, The Netherlands
 Yevgeni Koucheryavy, Tampere University of Technology, Finland
 Peter Langendörfer, IHP Microelectronics, Germany
 Hanh Le, University of Cape Town, South Africa
 Edmundo Monteiro, Universidade de Coimbra, Portugal
 Dritan Nace, Université de Technologie de Compiègne, France
 Evgeny Osipov, Luleå University of Technology, Sweden
 Daniel Roggen, Wearable Computing Lab, ETH Zurich, Switzerland
 Hans Scholten, Universiteit Twente, The Netherlands
 Alexey Vinel, SPIIRAS, Russian Federation