

DCOSS '11

**International Conference on Distributed
Computing in Sensor Systems**

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Barcelona, Spain



**Adjunct Workshop Proceedings
LOCALGOS, MobiSensor, IWSN,
PWSN, HOBSense**

DCOSS 2011 Workshops: Preface

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The IEEE DCOSS Conference series is intended to cover several aspects of distributed computing in sensor systems such as high level abstractions and models, systematic design methodologies, signal and information processing, algorithms, analysis and applications.

DCOSS 2011 is co-located with several closely related, thematically focused Workshops, providing a forum for researchers and practitioners to present their contributions related to specialized issues of the above high-level aspects of distributed sensor systems. In particular, DCOSS 2011 includes the following five Workshops:

- 5th International Workshop on Localized Algorithms and Protocols for Wireless Sensor Networks (LOCAL-GOS)

Steering Committee Chair: Ivan Stojmenovic, University of Ottawa, Canada

Program Co-Chairs:

Symeon Papavassiliou, National Technical University of Athens, Greece

Song Guo, University of Aizu, Japan

Timotheos Kastrinogiannis, National Technical University of Athens, Greece

- Second International Workshop on Mobility in Wireless Sensor Networks (MobiSensor'2011)

Co-Chairs:

Damianos Gavalas, University of the Aegean, Greece

Grammati Pantziou, Technological Educational Institution of Athens, Greece

Charalampos Konstantopoulos, University of Piraeus, Greece

- 2nd International Workshop on Interconnections of Wireless Sensor Networks (IWSN-2011)

Co-Chairs:

Djamel Djenouri, Centre for Research on Scientific and Technical Information (CERIST), Algiers, Algeria.

Jianguo Ding, Norwegian University of Science and Technology (NTNU), Trondheim, Norway.

Abdelouahid Derhab, Centre for Research on Scientific and Technical Information (CERIST), Algeria.

- PWSN 2011 (3rd International Workshop on Performance Control in Wireless Sensor Networks)

Co-Chairs:

Vasos Vassiliou, University of Cyprus, Cyprus

Rolland Vida, Budapest University of Technology and Economics, Hungary

Jorge Sa Silva, University of Coimbra, Portugal

- 1st IEEE Workshop on Holistic Building Intelligence through Sensing Systems (HOBSENSE)

General Chair: Sotiris Nikolettseas, U. of Patras and CTI, Greece

Program Chairs:

Antonio Ruzzelli, University College Dublin, Ireland

Zach Shelby, Sensinode, Finland

I would like to warmly thank the Chairs of these Workshops for putting together a very interesting scientific program. Also, the DCOSS 2011 General Chairs Ivan Stojmenovic and Mischa Dohler, for a very fruitful cooperation and for taking care of the many local aspects of the combined event. Special thanks go to Rafael Falcon for an amazing job in putting together this Volume. Finally, I would like to thank Marios Angelopoulos for taking care of many aspects of the preparation of the Workshops.

Sotiris Nikolettseas

DCOSS 2011 Workshops Chair