

DCOSS

2nd IEEE International Conference on Distributed Computing in Sensor Systems



San Francisco, California

June 18 - 20, 2006

<http://www.dcooss.org/>

CALL FOR PARTICIPATION

The first DCOSS conference, held at Marina del Rey on June 30-July 1, 2005, featured high quality research papers and invited and contributed poster/presentation sessions.

DCOSS '06 will represent a merger of the DCOSS conference series and the IEEE International Workshops on Algorithms for Wireless, Mobile, Ad Hoc and Sensor Networks (WMAN).

The focus of the DCOSS conference is on distributed computing issues in large-scale networked sensor systems (including systematic design techniques and tools, algorithms, and applications), but networking-related contributions that support high level abstractions are also welcome. Topics of interest include but are not limited to:

- Computation and programming models
- Energy models, minimization, awareness
- Distributed algorithms for configuration and collaborative information processing
- Theoretical performance analysis: complexity, correctness, scalability, fault-tolerance
- Languages, operating systems, middleware
- Dynamic resource management
- Communication and processing primitives
- Design, simulation and optimization tools for deployment and operation
- Design automation and application synthesis techniques
- Case studies: lessons from real world deployments

Submission guidelines will be available at <http://www.dcooss.org/>

Awards will be given for one best paper in each of the three conference technical tracks: algorithms, applications, and systems.

GENERAL CHAIR

Viktor K. Prasanna, USC, USA

VICE GENERAL CHAIR

Jie Wu, Florida Atlantic Univ., USA

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José Rolim, Univ. of Geneva, Switzerland

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James Aspnes, Yale Univ., USA

Applications:

Ramesh Rao, UCSD/Calit2, USA

Systems:

Tarek Abdelzaher, UIUC, USA

WORKSHOPS CHAIR

Sotiris Nikolettseas, Univ. of Patras/CTI, Greece

POSTER CHAIR

Jim Reich, Palo Alto Research Center, USA

IMPORTANT DATES

February 8, 2006	Abstract Registration
February 15, 2006	Paper Submission (FIRM)
March 15, 2006	Poster Abstract Submission
April 1, 2006	Accept/Reject Notification
April 16, 2006	Camera-Ready Submission

POSTER SESSION

The DCOSS conference will include a poster session for researchers and practitioners to present novel on-going work-in-progress and to obtain feedback from conference attendees in an informal setting. Call for posters and submission guidelines will be available at the conference website.



Sponsored by: IEEE Computer Society Technical Committee on Parallel Processing (TCPP), IEEE Computer Society Technical Committee on Distributed Processing (TCDP)
Held in co-operation with: ACM SIGARCH, ACM SIGBED, European Association for Theoretical Computer Science (EATCS), IFIP WG 10.3



[See overleaf for DCOSS '06 Organization]

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PROGRAM COMMITTEE

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Maria Jose Serna, UPC Barcelona
Devavrat Shah, MIT
Peter Widmayer, ETH Zurich
Yinyu Ye, Stanford

Applications

Edgar Chavez, U. Michoacana
Alfredo Ferro, U. Catania
Stefan Fischer, U. Luebeck
Anura Jayasumana, Colorado State U.
Bhaskar Krishnamachari, USC
Julia Liu, PARC
Chenyang Lu, WUSTL
C. Siva Ram Murthy, IIT Madras
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Vikram Srinivasan, NUS
Ivan Stojmenovic, U. Ottawa
Gaurav Sukhatme, USC
Violet R. Syrotiuk, ASU
Nalini Venkatasubramanian, UC Irvine

Systems

Mohamed Gouda, U. Texas
Tian He, U. Minnesota
Wendi Heinzelman, U. Rochester
Phil Levis, Stanford
Jie Liu, Microsoft Research
Haiyun Luo, UIUC
Radhika Nagpal, Harvard
Suman Nath, Microsoft Research
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Viktor Prasanna, Univ. of Southern California, Los Angeles, USA
Jose Rolim, Univ. of Geneva, Switzerland, **Chair**



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