DCOSS

2nd IEEE International Conference on Distributed Computing in Sensor Systems

San Francisco, California
June 18 - 20, 2006
http://www.dcoss.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.dcoss.org/**

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

POSTER SESSION AND WORKSHOPS

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. DCOSS will be also co-located with several closely related workshops. The goal of the workshops is to present work that is more preliminary and cutting-edge, or that has more practical content than the more mature research presented in the main symposium. Call for papers and submission guidelines will be available at the conference website.

GENERAL CHAIR
Viktor K. Prasanna, *USC, USA*

VICE GENERAL CHAIR
Jie Wu, *Florida Atlantic Univ., USA*

STEERING COMMITTEE CHAIR
José Rolim,
Univ. of Geneva, Switzerland

PROGRAM CHAIR
Phil Gibbons, *Intel Research/CMU, USA*

PROGRAM VICE CHAIRS
Algorithms:
James Aspnes, Yale Univ., USA
Applications:
Ramesh Rao, UCSD/Calit2, USA
Systems:
Tarek Abdelzaher, UIUC, USA

WORKSHOPS CHAIR
Sotiris Nikoletseas
Univ. of Patras/CTI, Greece

POSTER CHAIR
Jim Reich
Palo Alto Research Center, USA

IMPORTANT DATES

November 1, 2005	Workshop Proposals
February 8, 2006	Abstract Registration
February 15, 2006	Paper Submission
March 15, 2006	Poster Abstract Submission
April 1, 2006	Accept/Reject Notification
April 16, 2006	Camera-Ready Submission