

[TCDP] IEEE TC on Distributed Processing Newsletter, February 2009

[<http://tab.computer.org/tcdp/>]

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* Call for Paper, MASS 2009, Macau SAR, P.R.China

* Call for Paper, SSS 2009, Marina Del Rey, USA

The 6th IEEE International Conference on Mobile Ad hoc and Sensor Systems

October, 5-8, 2009, Macau SAR, P.R.C.

<http://www.cs.cityu.edu.hk/mass09>

* Sponsored by

The IEEE Computer Society Technical Committee on Distributed Processing

* Topics of Interest

Original, unpublished contributions are solicited in all aspects of (mobile) ad-hoc networks and wireless sensor networks (WSN), systems and applications. Topics include, but are not limited to:

- * MAC layer design for ad-hoc networks and WSNs
- * MAC protocols (802.11, 802.15.4, UWB)
- * Directional / smart antennas
- * Multi-channel, multi-radio and MIMO technologies
- * Wireless mesh networks and cognitive networks
- * P2P, overlay, and content distribution architectures for ad-hoc and sensor networks
- * Delay tolerant networks and opportunistic networking
- * Vehicular networks and protocols
- * Mobile/robotic sensor networks
- * Power-aware architectures, algorithms and protocols design
- * Clustering, topology control, coverage and connectivity
- * Routing protocols (unicast, multicast, broadcast, geocast)
- * Data transport and management in WSNs
- * Data gathering, fusion, and dissemination in WSNs
- * Localization and synchronization in WSNs
- * Cooperative sensing in WSNs
- * Capacity planning and admission control in ad-hoc and sensor networks
- * Handoff / mobility management and seamless internetworking
- * Resource management and wireless QoS Provisioning
- * Cross layer design and optimization
- * Reliability, resiliency and fault tolerance techniques
- * Security, privacy, and trust issues
- * Operating systems and middleware support
- * Novel applications and architectures for WSNs
- * Modeling, analysis and performance evaluation
- * Measurements and experience from experimental systems and test-beds

* Submission Guidelines

All submissions must be full papers in PDF format and uploaded on EDAS. Abstract registration due: March 25, 2009 (Wed). They must not exceed 10 single-spaced, double-column pages using 10 pt size fonts on 8.5 x 11

inch pages in IEEE style format. Detailed formatting and submission guidelines will be available on the conference website.

* Important Dates

Abstracts Due: March 25, 2009 (Wed)
Manuscript Due: March 31, 2009 (Tue)
Acceptance Notification: June 28, 2009 (Sun)
Camera-ready Submission: July 24, 2009 (Fri)

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- SSS 2009 -

11th International Symposium on
Stabilization, Safety, and Security of Distributed Systems

November 3-6, 2009, Lyon, France
<http://graal.ens-lyon.fr/SSS09/>

The Symposium is a prestigious international forum for researchers and practitioners in the design and development of fault-tolerant distributed systems with self-* properties, such as self-stabilizing, self-configuring, self-organizing, self-managing, self-repairing, self-healing, self-optimizing, self-adaptive, and self-protecting. Research in distributed systems is now at a crucial point in its evolution, marked by the importance of dynamic systems such as peer-to-peer networks, large-scale wireless sensor networks, mobile ad hoc networks, robotic networks, etc. Moreover, new applications such as grid and web services, banking and e-commerce, e-health and robotics, aerospace and avionics, automotive, industrial process control, etc. have joined the traditional applications of distributed systems.

The conference provides a wide spectrum of topics, covered in the following tracks:

- * Alternative Systems and Models
- * Autonomic Computational Science
- * Cloud Computing
- * Embedded Systems
- * Fault-Tolerance in Distributed Systems / Dependability
- * Formal Methods in Distributed Systems
- * Grid Computing
- * Mobility and Dynamic Networks
- * Multicore Computing
- * Peer-to-Peer Systems
- * Self-Organizing Systems
- * Sensor Networks
- * Stabilization
- * System Safety and Security

IMPORTANT DATES

- * Paper Submission: May 22, 2009
- * Initial Notification and Beginning of Rebuttal Phase: July 15, 2009
- * End of Rebuttal Phase: July 18, 2009
- * Final Notification: July 25, 2009
- * Camera Ready Submission: August 8, 2009

PAPER SUBMISSION

Papers must be submitted in PDF format and be prepared using the LNCS style. Detailed instructions for submitting papers will be available later. Two types of papers can be submitted: Regular Papers and Brief Announcements. Submissions for regular papers should be no longer than 15 pages (including the title, authors, abstract, figures, and references) in LNCS style; a submission may have an appendix of at most two pages beyond the 15 page limit. Brief announcements are restricted to two pages using the LNCS style, with no appendix. Submissions deviating from these guidelines will be rejected without

consideration of their merits. If requested by the authors on the submission system, a regular submission that is not selected for a regular presentation will also be considered for a brief announcement. Such a request will not affect consideration of the paper for a regular paper. A paper submitted at this forum is expected to be original research not previously published. A submission may not be concurrently submitted to another conference, workshop, or journal.

PUBLICATION

The proceedings of the conference will be published in the Springer Verlag Lecture Notes in Computer Science (LNCS) series. Selected conference papers, provided they are within the scope of ACM TAAS, will be published in a special issue of that journal.

REBUTTAL PHASE

The review process will include a rebuttal phase. Authors will be able to comment on the reviews of their submissions.

BEST PAPER AND BEST STUDENT AWARDS

A best paper and a best student paper award will be selected by the program committee. A paper is eligible for the best student paper award if at least one of its authors is a full-time student at the time of submission. This must be indicated by marking an appropriate box in the submission system.

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The TCDP welcomes IEEE Computer Society members with an interest in distributed computing. There are many ways to participate in TCDP activities.

Please contact Dr. Jie Wu, TCDP chair, at jie@cse.fau.edu for more information.

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End of TCDP Newsletter, February 2009