

[TCDP] IEEE TC on Distributed Computing Newsletter, December 2008

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

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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Original, unpublished contributions are solicited in all aspects of (mobile) ad-hoc networks and wireless sensor networks (WSN), systems and applications.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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MASCOTS 2009 CALL FOR PAPERS

17th Annual Meeting of the IEEE/ACM International Symposium on
Modelling, Analysis and Simulation of Computer and Telecommunication Systems

September 21-23, 2009

South Kensington Campus, Imperial College London, UK

<http://mascots2009.doc.ic.ac.uk/>

The MASCOTS conference is a well-established international forum for state-of-the-art research on measurement, modelling and performance analysis of computer systems and communication networks. The 17th annual meeting of MASCOTS will be held at the South Kensington Campus of Imperial College London, UK. The conference will bring together academics and industry practitioners to present and discuss their latest research results. The technical programme for the 3-day conference will include keynote talks, refereed papers, and posters.

The fourth International workshop on Practical Applications of Stochastic Modelling (PASM) will be held jointly with MASCOTS, on September 24:

<http://homepages.cs.ncl.ac.uk/nigel.thomas/PASM09.html>

We encourage researchers world-wide to submit both theoretical and practical results of significance which have not been published elsewhere. The conference proceedings for MASCOTS 2009 will be published by the IEEE Computer Society.

-----PAPERS-----

MASCOTS 2009 seeks original technical papers describing research in the areas of computer systems and network performance evaluation. The scope of the symposium includes, but is not limited to:

- * Computer Architecture
- * Distributed/Parallel Systems
- * Computer Networks
- * Heterogeneous Systems
- * Industrial Practice and Experience
- * Internetworking Protocols
- * Multi-core Systems
- * Multimedia Systems
- * Performance Evaluation Methodologies
- * Pervasive Web and Mobility
- * Sensor Networks
- * Software and Operating Systems
- * Storage Systems
- * Web-based Systems
- * Wireless Networks

Submissions may be up to 10 pages in length (including figures and references), formatted in two-column IEEE conference style with font size no less than 10 point. All papers will be peer-reviewed by at least three members of the program committee. We will not accept any paper which, at the time of submission, is under review for or has already been published or accepted for publication in any other conference or journal. Accepted papers for MASCOTS 2009 will appear in the conference proceedings published by the

IEEE Computer Society. Authors of highly-ranked papers may be invited to submit extended versions of their work to appropriate IEEE or ACM journals.

-----POSTERS-----

Posters provide a forum for late-breaking or preliminary research results, giving an opportunity for researchers and practitioners to present and demonstrate their recent work, and to obtain feedback from their peers in an informal setting. Material submitted as a full paper may also be submitted as a poster paper; if the full paper is accepted the poster will not be considered. Poster paper submissions may be up to two pages in length, excluding references, formatted as described in the submission page. Accepted poster papers will be allocated up to three pages in the conference proceedings.

-----IMPORTANT DATES-----

March 27, 2009 Â" Abstract submission
April 3, 2009 Â" Paper submission
April 30, 2009 Â" Poster Submission
May 20, 2009 Â" Acceptance Notification
June 10, 2009 Â" Camera Ready Submission

-----SUBMISSION-----

Authors should submit manuscripts by the above deadlines by following the instructions on the conference web site.

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-----CATION-----

Imperial College's South Kensington campus is located in the heart of the Royal Borough of Kensington and Chelsea, a quiet and green part of the capital, yet close to several of London's major cultural landmarks. Imperial is next door to the Natural History Museum, the Royal Albert Hall, the Albert Memorial, the Science museum and the Victoria and Albert museum. Hyde Park, Kensington Palace and Harrods are a short walk away. London's other major attractions, including Buckingham Palace, the Palace of Westminster, the West End and Covent Garden can be reached in a few minutes by bus, tube (metro) or taxi.

CALL FOR PAPERS

The 5th IEEE/ACM International Conference on
DISTRIBUTED COMPUTING IN SENSOR SYSTEMS (DCOSS)
June 7 - 10, 2009,
Marina Del Rey, USA

-----IMPORTANT DATES-----

Submission Deadline: 11:59PM EST Jan 25, 2009
Notification: March 24, 2009
Camera Ready: March 31, 2009

-----Overview-----

Distributed sensor systems have become a highly active research area due to their potential for providing diverse new capabilities. Such systems allow intelligent dense monitoring of physical environments. The focus of this conference is on distributed computing issues in large-scale networked sensor systems (including algorithms, applications, systematic design techniques and tools, and in-network signal and information processing).

Authors are invited to submit original unpublished manuscripts that demonstrate current research on computational aspects of distributed sensor systems. Topics of interest include but are not limited to:

- * Computation and programming models
- * Energy models, minimization, awareness
- * Distributed collaborative information processing
- * Detection and tracking
- * Theoretical performance analysis: complexity, correctness, scalability
- * Abstractions for modular design
- * Fault tolerance and security
- * Languages, operating systems
- * Task allocation, reprogramming and reconfiguration
- * Dynamic resource management
- * Scalable, heterogeneous architectures (node and system-level)
- * Middleware interfaces, communication and processing primitives

- * Design, simulation and optimization tools for deployment and operation
- * Design automation and application synthesis techniques
- * closed-loop control for sensing and actuation
- * Case studies: lessons from real world deployments
- * Network coding and compression

Detailed submission guidelines coming soon.

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 10.3.

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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, December 2008
