

[TCDP] IEEE TC on Distributed Computing Newsletter, December 2007

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

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IPDPS 2008 Conference

22nd IEEE International Parallel and Distributed Processing Symposium  
April 14-18, 2008 ~ Miami, Florida USA

Invited Speakers

Joel Saltz

Department of Biomedical Informatics  
The Ohio State University

Katherine Yelick

NERSC Division Director, Lawrence Berkeley National Lab  
and EECS Department, University of California at Berkeley

Jeannette Wing

Carnegie Mellon University and National Science Foundation Directorate  
for Computer and Information Science and Engineering

Dror Feitelson

School of Computer Science & Engineering  
The Hebrew University of Jerusalem

Preliminary Call For Participation

Join us in April 2008 at the Hyatt Regency Resort in Miami, Florida, known as the "Magic City" and recognized worldwide as an international cultural and business hub. IPDPS serves as a forum for engineers and scientists from around the world to present their latest research findings in the fields of parallel processing and distributed computing. The five-day program will follow the usual format of contributed papers, invited speakers, panels, tutorials, and commercial participation mid week, framed by workshops held on the first and last days.

General Chair

Jie Wu, Florida Atlantic University and National Science Foundation, USA

General Vice Chair  
Alessandro Mei, Sapienza University of Rome, Italy

Program Chair  
Yves Robert, Ecole Normale Supérieure de Lyon, France

#### IPDPS 2008 Important Dates

July 1, 2007	New Workshop Proposals Due
October 8, 2007	Final Deadline for Manuscripts (closed)
November 15, 2007	Tutorial Proposals Due
December 11, 2007	Review Decisions Mailed
January 28, 2008	Camera-ready Papers Due

For more details, please visit <http://www.ipdps.org/>

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#### ICDCS 2008 Conference

The 28th International Conference on Distributed Computing Systems  
June 17 - 20, 2008, Beijing, China

ICDCS is an IEEE Computer Society sponsored premier conference with a wide coverage of topics in Distributed Computing. It has a long history of significant achievements and worldwide visibility. The conference provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in any aspects of distributed and parallel computing.

#### Areas of Interest

- \* Theoretical Foundations
- \* Data Management and Data Centers
- \* Distributed Cyber-Physical Systems
- \* Reliability and Dependability
- \* Security and Privacy
- \* Network Architectures and Protocols
- \* Operating Systems and Middleware
- \* Cyber-Infrastructure for Distributed Computing
- \* Sensor Networks and Applications
- \* Wireless and Mobile Computing
- \* Multimedia Systems
- \* Web-Based Distributed Computing

For more details, please visit  
<http://www.engin.umd.umich.edu/icdcs/>

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9th IEEE International Symposium on  
A WORLD of WIRELESS, MOBILE, and MULTIMEDIA NETWORKS

IEEE WoWMoM 2008

June 23-27, 2008  
Newport Beach/Irvine, California, USA  
<http://wowmom08.ics.uci.edu/>

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Sponsored by

IEEE Computer Society  
The University of Texas at Arlington  
IEEE Technical Committee on Computer Communications (TCCC)

Organized by University of California at Irvine, USA

IEEE WoWMoM 2008 is soliciting original and previously unpublished papers addressing research challenges and advances towards a world of wireless, mobile, and multimedia pervasive communications. The emergence of wireless network standards and their future evolutions offer exciting new opportunities for delivering rich multimedia content over wireless networks. Users will be able to seamlessly and ubiquitously accomplish their tasks such as accessing and retrieving information, communicating with other users or devices, exploiting advanced context-dependent services, and so on.

Papers that present original work, validated by experimentation, simulation, or analysis, are solicited. Practical experiences and experimental efforts from both industry and academy, duly documenting the lessons learned from test-beds, field-trial, or real deployments, are also welcome.

Topics of interest include but are not limited to:

- System prototypes and experiences
- QoS for voice and video in wireless/mobile networks
- Middleware support for QoS provision
- Networking services for pervasive systems
- Context-aware wireless multimedia applications
- Location mechanism and services
- Content management and distribution
- IP-based wireless/mobile multimedia services

- IP-based wireless/mobile networks
- Multicasting and broadcasting issues
- Energy-efficient protocols and power management
- Handoff and mobility management
- Seamless internetworking and self-organization
- Network management and control
- Wireless BAN, PAN, LAN, MAN, WAN, and RAN
- Ad-hoc and mesh networks
- Vehicular networks
- Wireless Sensor Networks
- Opportunistic Networking
- Security, privacy and dependability
- Pricing and accounting
- Modeling and performance evaluation

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**PAPER SUBMISSION AND PUBLICATION**  
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Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere. Guidelines on paper submission and formatting will be provided on the website. All submitted papers will undergo a rigorous review process managed by the technical program committee. Accepted papers will appear in the symposium proceedings published by the IEEE Computer Society.

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**WORKSHOPS**  
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The IEEE WoWMoM 2008 technical program will also include one-day workshops on hot topics on wireless, mobile and multimedia networks.

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**IMPORTANT DATES**  
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Paper Submission Deadline:.....NOVEMBER 15, 2007  
 Notification of Paper Acceptance:.....February 15, 2008  
 Camera-ready Submission:.....March 31, 2008

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## CALL FOR PAPERS

2008 Workshop on the Economics of Networks, Systems, and Computation  
(NetEcon'08)

Co-located with the ACM Sigcomm'08 Conference

<http://www.sigcomm.org/sigcomm2008/workshops/netecon/>

The emergence of the Internet as a global platform for computation and communication has sparked the development and deployment of many large-scale networked systems. Often, these systems involve multiple stakeholders with divergent or even competing interests. Unmitigated selfish behavior in these systems can lead to high inefficiency or even complete collapse. Research interest in the application of economic and game-theoretic principles to the design and analysis of networked systems has grown in recent years. The NetEcon Workshop promotes multi-disciplinary work and discussion about the role of incentives in communication and computation.

Topics of interest to NetEcon'08 include, but are not limited to:

- \* Use of incentives and economic mechanisms in peer-to-peer systems, grids, SPAM prevention, security, Internet routing and peering, wireless networks, and other computational systems
- \* Algorithmic mechanism design
- \* Methods for engineering incentives and disincentives (e.g., reputation, trust, control, accountability, anonymity, etc.)
- \* Mathematical modeling and analysis of strategic behavior (or the lack thereof) in existing, deployed systems
- \* Empirical studies of strategic behavior (or the lack thereof) in existing, deployed systems
- \* Critique of existing models and solution concepts (as well as proposals of better models and solution concepts)
- \* Privacy, security, and anonymity in incentive-compatible computational systems

Information about NetEcon'06 and NetEcon'07 can be found at <http://www.cs.duke.edu/nicl/netecon06/> and <http://netecon-ibc.si.umich.edu/> respectively.

#### Submission Instructions:

Submission of both technical papers and position papers is encouraged. Submitted papers should contain original material: Papers that have already appeared in conference proceedings or journals or are currently under review are ineligible for consideration by NetEcon'08. If you have questions about the eligibility of a potential submission, please email the PC chairs at [netecon08@cs.yale.edu](mailto:netecon08@cs.yale.edu). Papers will be selected based on both technical merit and potential to spark interesting discussion at the workshop. Accepted papers will be published by ACM SIGCOMM.

Paper submissions should be at most 6 pages in length (not counting the bibliography) with 10pt fonts or larger. Additional information (including detailed proofs or experimental data) may be included in a clearly marked appendix that will be read at the discretion of the program-committee members.

Proposals for panel discussions are also solicited. Panel proposals should be no longer than 2 pages in 10pt font or larger and should contain a brief topic description, a list of specific questions that the panel members will be expected to answer, the name and affiliation of the moderator, and a list of at least three potential panel members. (The final list of panelists need not be fixed before submission.)

Submit papers and panel proposals electronically at the submission site: <http://edas.info/newPaper.php?c=6167>

All submissions should be in PDF format only. If you are unable to produce a PDF submission or to upload your paper at the submission site, please email the PC chairs at [netecon08@cs.yale.edu](mailto:netecon08@cs.yale.edu).

Important Dates:

- \* Submissions due: Friday, March 7, 2008
- \* Acceptance Notification: Tuesday, April 15, 2008
- \* Camera Ready Due: Friday, May 9, 2008
- \* Workshop: August 22, 2008

Workshop Web site: <http://www.sigcomm.org/sigcomm2008/workshops/netecon/>

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- \* Milan Vojnovic (Microsoft)

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Join TCDP

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](mailto:jie@cse.fau.edu) for more information.

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End of TCDP Newsletter, December 2007

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