CONFERENCES

CALL FOR PAPERS

Thirteenth IASTED International Conference on

Parallel and Distributed Computing and Systems
(PDCS 2001)

August 21-24, 2001

Anaheim, California, USA

SPONSORS

The International Association of Science and Technology for Development (IASTED)

- Technical Committee on Parallel and Distributed Computing and Systems

PURPOSE

The Thirteenth International Conference on Parallel and Distributed Computing and Systems is a major forum for scientists, engineers, and practitioners throughout the world to present their latest research, results, ideas, developments, and applications in all areas of parallel and distributed computing. It aims to strengthen relations between industry, research laboratories, and universities. PDCS 2001 will be held at the Hyatt Regency Alicante in Anaheim, California, and will include keynote addresses, contributed papers, and tutorials. The full papers will be published in the conference proceedings. Acceptance will be based on quality, relevance, and originality.

LOCATION

Disneyland is by far the most popular attraction in Anaheim and is responsible for a significant amount of the city's tourism. Disneyland is currently expanding and adding another park that will increase its popularity for children and adults alike. However, Anaheim has much more to offer than Mickey Mouse and friends.

Anaheim is only 20 miles east of Los Angeles, the city of the stars, and moments away from the California coastline. A drive down the famous Pacific Coast Highway will take you to many famous beaches including Long beach and Laguna Beach. Exploring the beaches by boat is also an option with many dinner cruises and whale watching tours available to all.

Parades, performances, nightclubs and a delectable assortment of restaurants await visitors. On any given night in the Orange County Theatre District, you can experience a spectacular live performance of ballet, musical theatre, opera, classical music, or a premiere performance of a newly written play. The nearby neighbourhood of Laguna continues to be home to many trend-setting studios and galleries that host the annual Festival of the Arts. Whatever you desire, the experience is waiting for you in Anaheim.

SCOPE

The topics covered are arranged into three major symposia covering, but not limited to, the following areas:

ARCHITECTURES AND NETWORKING	SOFTWARE SYSTEMS	ALGORITHMS AND APPLICATIONS
Parallel/Distributed Computing Systems	Parallel/Distributed Compilers and Operating Systems	Parallel/Distributed Algorithms
Cluster Computing	Parallel Programming Paradigms	Resource Allocation and Management
Real-time and Embedded Systems	Distributed Database and Knowledge-based Systems	Load Balancing & Task Scheduling
Reconfigurable and Fault-Tolerant Systems	Data Warehouse and Data Mining	Message Routing
Memory and I/O Systems	Vectorization and Program Transformation	Communication Algorithms
Computer and Communication Networks	Performance Evaluation and Measurements	High-performance Scientific Computing
Network Protocols	Tools and Environments for Software Development	Data Visualization
Optical Networks	Computer Modelling and Simulation	Image Processing
Wireless Networks and Mobile Computing	Interactive Web Technologies	Multimedia Technologies and Applications
Interconnection Networks		Real-time Scheduling
Application Specific Architectures		Protocol Design
Internet Tools and Applications		Reliability and Fault Tolerance

BEST PAPER AWARDS

The International Program Committee will nominate the best papers submitted to the conference, in each of the three areas, for the Best Paper Awards. During the conference meeting, the committees will select the papers to receive the Best Paper Awards. There will be one award per area.

CONFERENCE CHAIR

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Submit your paper via our Website at http://www.iasted.com/conferences/2001/anaheim/submit-342.htm. Files larger than 2MB must be submitted to our FTP site at www.actapress.com (user name: actaftp; password: journals). If you submit a paper to our FTP site, please send a notification e-mail with your contact information to calgary@iasted.com. All submissions should be in Adobe Acrobat (.pdf), Postscript (.ps), or MS Word (.doc) format. The IASTED Secretariat should receive your paper by **May 1, 2001**. Do not send hard copies of your paper. Receipt of paper submissions will be confirmed by e-mail.

Please provide the Symposium title along with three key words to indicate the subject area of your paper. One of the keywords must be taken from the list of topics provided under Scope. Include a statement in your cover letter confirming that if the paper is accepted, one of the authors will attend the conference to present it. Please designate a principal author, and provide the full names, affiliations, addresses, telephone and fax numbers, and e-mail addresses of all authors.

Notification of acceptance will be sent via e-mail by **May 30, 2001**. Registration payments and final manuscripts are due by **July 1, 2001**. Late registration fees or paper submissions received after that date will result in the papers being excluded from the conference proceedings. Please send final manuscripts via the Web or FTP site using the same format as described above.

TUTORIALS

Proposals for half-day tutorials (three hours) should be submitted online by **April 10, 2001**. Tutorials are to be submitted online via the following Website address:
http://www.iasted.com/conferences/2001/anaheim/tutorialsubmit-342.htm
A tutorial proposal should clearly indicate the topic, background knowledge expected of the participants, objectives, time allocations for the major course topics, and the qualifications of the instructor(s).

SPECIAL SESSIONS

Persons wishing to organize a special session should submit a proposal to the IASTED Secretariat by **April 10, 2001**. Proposals should include a minimum of five papers, a session title, a list of the topics covered, and qualifications of the session organizer(s). The name of the session organizer will appear in the program and proceedings, provided five papers are presented. Special session proposals should be submitted online at the following address:
http://www.iasted.com/conferences/2001/anaheim/sessionsubmit-342.htm

IMPORTANT DEADLINES

Submissions due	**April 10, 2001**
Notification of acceptance	**May 15, 2001**
Registration, full payment and final papers due	**July 1, 2001**

For more information or to be placed on our mailing list, please contact:

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