

Call For Papers with Extended Deadline: WORLDCOMP'08 (comp. sci., comp. eng., and applied computing conferences), July 2008, USA

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Dear Colleagues:

I would appreciate if you would share the announcement below with those who might be interested. The paper submission deadline has been extended until March 10, 2008.

Best regards,

A. M. G. Solo
Publicity Chair, WORLDCOMP'08

Extended Paper Submission Deadline: March 10, 2008

Call For Papers

WORLDCOMP'08
The 2008 World Congress in Computer Science,
Computer Engineering, and Applied Computing
July 14-17, 2008, Las Vegas, USA

<http://www.world-academy-of-science.org/>
(composed of 25 Joint Conferences)

Academic Sponsors include research labs at: Harvard University, MIT, UCLA, Georgia Institute of Technology, University of Texas at Austin, University of Iowa, University of Minnesota, University of Illinois at Urbana-Champaign, Emory University, University of North Dakota, PSU/Saudi, Russian Academy of Sciences, European Union at Institute of Discrete Mathematics, and others (see below). Corporate sponsors include Google, Salford Systems, and NIIT.

You are invited to submit a paper for consideration. All accepted papers will be published in the respective conference proceedings.

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The 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'08) is composed of the following 25 conferences (all will be held simultaneously, same location and dates: July 14–17, 2008, USA):

- o PDPTA'08: The 2008 International Conference on Parallel and Distributed Processing Techniques and Applications
- o CDES'08: The 2008 International Conference on Computer Design
- o CGVR'08: The 2008 International Conference on Computer Graphics and Virtual Reality
- o CSC'08: The 2008 International Conference on Scientific Computing
- o EEE'08: The 2008 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government
- o ESA'08: The 2008 International Conference on Embedded Systems and Applications
- o FCS'08: The 2008 International Conference on Foundations of Computer Science
- o FECS'08: The 2008 International Conference on Frontiers in Education: Computer Science and Computer Engineering
- o GCA'08: The 2008 International Conference on Grid Computing and Applications
- o GEM'08: The 2008 International Conference on Genetic and Evolutionary Methods
- o ICAI'08: The 2008 International Conference on Artificial Intelligence
- o ICOMP'08: The 2008 International Conference on Internet Computing
- o ICWN'08: The 2008 International Conference on Wireless Networks
- o IKE'08: The 2008 International Conference on Information and Knowledge Engineering
- o IPCV'08: The 2008 International Conference on Image Processing, Computer Vision, and Pattern Recognition
- o BIOCAMP'08: The 2008 International Conference on Bioinformatics and Computational Biology
- o MLMTA'08: The 2008 International Conference on Machine Learning; Models, Technologies and Applications

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- o MSV'08: The 2008 International Conference on Modeling, Simulation and Visualization Methods
- o SAM'08: The 2008 International Conference on Security and Management
- o SERP'08: The 2008 International Conference on Software Engineering Research and Practice
- o SWWS'08: The 2008 International Conference on Semantic Web and Web Services
- o ITSL'08: The 2008 International Conference on Information Theory and Statistical Learning
- o DMIN'08: The 2008 International Conference on Data Mining
- o ERSA'08: The 2008 International Conference on Engineering of Reconfigurable Systems and Algorithms
- o CIC'08: The 2008 International Conference on Communications in Computing

(a link to each conference's URL can be found at <http://www.world-academy-of-science.org>)

PURPOSE/HISTORY:

This set of joint conferences is the largest annual gathering of researchers in computer science, computer engineering and applied computing. Many of the 25 joint conferences in WORLDCOMP are the premier conferences for presentation of advances in their respective fields. We anticipate to have 2,600 or more attendees from over 80 countries participating in the 2008 joint conferences.

WORLDCOMP'08 will be composed of research presentations, keynote lectures, invited presentations, tutorials, panel discussions, and poster presentations. In recent past, keynote and/or tutorial speakers

included: Prof. Michael J. Flynn (Stanford U.); Prof. John H. Holland

(U. of Michigan, Ann Arbor); Prof. H. J. Siegel (Colorado State U.);

Prof. Barry Vercoe (MIT); Prof. Ruzena Bajcsy (U. of California, Berkeley); Prof. David Cheriton (Stanford U.), Prof. A. K. Dunker (Indiana U. and Purdue U.); Prof. Jun Liu (Harvard U.); Dr. Jim Gettys

(developer of X Window, ...); Dr. Chris Rowen (President and CEO, Tensilica, Inc.); and many other distinguished speakers.

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FEATURED 2008 KEYNOTE LECTURES:

Prof. David A. Patterson
University of California at Berkeley, California, USA
Member, National Academy of Engineering
Member, National Academy of Sciences
Fellow of IEEE, ACM, and AAAS
Shared (with John Hennessy) the IEEE John von Neumann Medal

Prof. Ophir Frieder
Georgetown University, Washington, DC, USA
The Royden B. Davis, SJ, Chair in Interdisciplinary Studies at
Georgetown University,
IITRI Chair Professor of Computer Science at Illinois Institute
of Technology,
Director, Information Retrieval lab (IIT)
Fellow of IEEE, ACM, and AAAS

(in addition to the above, each of the 25 conferences will have at
least
one keynote and one invited lecture).

FEATURED TUTORIAL:

Prof. H. J. Siegel
Colorado State University, Fort Collins, Colorado, USA
Abell Endowed Chair Distinguished Professor of ECE
Professor of Computer Science
Director, CSU Information Science and Technology Center (ISTeC)
Fellow of IEEE and ACM

(in addition to the above, there will also be 11 planned other
tutorials).

SUBMISSION OF PAPERS:

Prospective authors are invited to submit their draft paper
(about 5 to 7 pages – single space, font size of 10 to 12) to
H. R. Arabnia by March 10, 2008. email submissions in MS document
or PDF formats are preferable. All reasonable typesetting formats
are acceptable (later, the authors of accepted papers will be
asked to follow a particular typesetting format to prepare their
papers for publication.)

The length of the Camera-Ready papers (if accepted) will be limited
to 7 (IEEE style) pages. Papers must not have been previously
published or currently submitted for publication elsewhere. The

first page of the draft paper should include: title of the paper, name, affiliation, postal address, email address, and telephone number for each author. The first page should also identify the name of the Contact Author and a maximum of 5 topical keywords that would best represent the content of the paper. Finally, the name of the conference that the paper is being submitted to must be stated on the first page.

Papers will be evaluated for originality, significance, clarity, impact, and soundness. Each paper will be refereed by two experts in the field who are independent of the conference program committee.

The referees' evaluations will then be reviewed by two members of the program committee who will recommend a decision to the chair of the track that the paper has been submitted to. The chair will make the final decision.

IMPORTANT DATES:

March 10, 2008: Submission of papers (about 5 to 7 pages)

April 7, 2008: Notification of acceptance

April 28, 2008: Camera-Ready papers and Registration due

July 14-17, 2008: The 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'08 - 25 joint conferences)

GENERAL CO-CHAIR / COORDINATOR:

Prof. Hamid R. Arabnia
Editor-in-Chief, The Journal of Supercomputing (Springer)
Vice President, Int'l Society of Intelligent Biological Medicine
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LOCATION OF CONFERENCES:

The conferences will be held in the Monte Carlo hotel, Las Vegas, Nevada, USA (with any overflows at other near-by hotels). This is a mega hotel with excellent conference facilities and over 3,000 rooms. It is minutes from the airport with 24-hour shuttle service to and from the airport. This hotel has many recreational

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attractions, including: spa, pools, sunning decks, Easy River, wave pool, lighted tennis courts, health spa, nightly shows, a number of restaurants, ... The negotiated room rate for conference attendees is very reasonable. The hotel is within walking distance from most other attractions.

SPONSORS (this is a partial list):

Academic/Technical Co-Sponsors (a partial list):

- > Computational Biology and Functional Genomics Laboratory, Harvard University, Cambridge, Massachusetts, USA
- > International Society of Intelligent Biological Medicine
- > Horvath Lab., University of California, Los Angeles (UCLA), USA
- > Minnesota Supercomputing Institute, University of Minnesota, USA
- > Functional Genomics Laboratory, University of Illinois at Urbana-Champaign, USA
- > BioMedical Informatics & Bio-Imaging Laboratory, Georgia Institute of Technology and Emory University, Atlanta, Georgia, USA
- > Intelligent Data Exploration and Analysis Laboratory, University of Texas at Austin, Austin, Texas, USA
- > Biomedical Cybernetics Laboratory, HST of Harvard University and MIT, USA
- > Center for the Bioinformatics and Computational Genomics, Georgia Institute of Technology, Atlanta, Georgia, USA
- > Harvard Statistical Genomics and Computational Laboratory, Harvard University, Cambridge, Massachusetts, USA
- > Hawkeye Radiology Informatics, Department of Radiology, College of Medicine, University of Iowa, Iowa, USA
- > Medical Image HPC & Informatics Lab (MiHi Lab), University of Iowa, Iowa, USA
- > The University of North Dakota, Grand Forks, North Dakota, USA
- > PSU – Prince Sultan University
- > Institute for Informatics Problems of the Russian Academy of Sciences, Moscow, Russia.
- > NEMO/European Union at Institute of Discrete Mathematics and Geometry, TU Vienna

Corporate Co-Sponsors (a partial list):

- > Google, Inc.
- > Salford Systems
- > NIIT Technologies

Other Co-Sponsors (a partial list):

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- > High Performance Computing for Nanotechnology (HPCNano)
- > International Technology Institute (ITI)
- > GridToday – newsletter focused on Grid, SOA, Virtualization, Storage, Networking and Service-Oriented IT
- > HPCwire – The Leading Source for Global News and Information Covering the Ecosystem of High Productivity Computing
- > Hodges' Health (H2CM), UK

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