

Call For Participation: WORLDCOMP'07: joint conferences in CS, CE, and applied computing, June 25–28, 2007, Las Vegas

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Dear Colleagues:

I would appreciate if you would share the announcement below with those who might be interested.

Best regards,

A. M. G. Solo
Publicity Chair, WORLDCOMP'07
Principal/R&D Engineer, Maverick Technologies America Inc.

Call For Participation

WORLDCOMP'07
The 2007 World Congress in Computer Science,
Computer Engineering, and Applied Computing

Date and Location: June 25–28, 2007, Las Vegas, USA
<http://www.worldacademyofscience.org/worldcomp07/ws>

This is an invitation to attend WORLDCOMP'07 Congress. WORLDCOMP'07 is composed of a number of tracks (joint-conferences, tutorials, and workshops); all will be held simultaneously, same location and dates: June 25–28, 2007. Attendees will have full access to all conferences' sessions, tracks, and tutorials. See below for: the complete list of joint-conferences, list of sponsors, registration information, hotel information, and some highlights.

LIST OF JOINT-CONFERENCE:

- o Parallel & Distributed Processing Techniques & Applications (PDPTA'07)
- o Grid Computing & Applications (GCA'07)

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- o Computer Design (CDES'07)
- o Scientific Computing (CSC'07)
- o Artificial Intelligence (ICAI'07)
- o Genetic and Evolutionary Methods (GEM'07)
- o Machine Learning; Models, Technologies & Applications (MLMTA'07)
- o Bioinformatics & Computational Biology (BIOCOMP'07)
- o Software Engineering Research & Practice (SERP'07)
- o Wireless Networks (ICWN'07)
- o Image Processing, Computer Vision, & Pattern Recognition (IPCV'07)
- o Modeling, Simulation & Visualization Methods (MSV'07)
- o Computer Graphics & Virtual Reality (CGVR'07)
- o Multimedia Systems & Applications (MSA'07)
- o Internet Computing (ICOMP'07)
- o Semantic Web & Web Services (SWWS'07)
- o Security & Management (SAM'07)
- o Data Mining (DMIN'07)
- o Information & Knowledge Engineering (IKE'07)
- o e–Learning, e–Business, Enterprise Inf. Sys., & e–Government (EEE'07)
- o Embedded Systems & Applications (ESA'07)
- o Frontiers in Education: Computer Science & Computer Eng. (FECS'07)
- o Foundations of Computer Science (FCS'07)
- o Engineering of Reconfigurable Systems & Algorithms (ERSA'07)
- o Communications in Computing (CIC'07)

SPONSORS: (partial list)

Academic Co–Sponsors include:

- Massachusetts Institute of Technology (MIT) Media Laboratory, MIT (Cambridge, Massachusetts)
- Statistical Genomics and Computational Biology Laboratory, Department of Statistics, Harvard University (Cambridge, Massachusetts)
- Texas Advanced Computing Center, The University of Texas at Austin (Austin, Texas)
- Statistical and Computational Intelligence Laboratory of Purdue University (West Lafayette, Indiana)
- Center for Computational Biology & Bioinformatics of Indiana University – Purdue University Indianapolis (Indiana)
- University of Iowa's Medical Imaging HPC Lab (Iowa City, Iowa)
- BioMedical Informatics & Bio–Imaging Laboratory (Georgia Institute of Technology & Emory University, Georgia)
- Institute for Informatics Problems of the Russian Academy of Sciences (Moscow, Russia)
- University of North Dakota (Grand Forks, North Dakota)

Corporate Sponsors include:

- Google, Inc., USA
- Intel Corporation, USA

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REGISTRATION INFORMATION:

To attend the congress, use the following online registration link:

<http://www.world-academy-of-science.org/worldcomp07/ws/registration>

The complete WORLDCOMP'07 schedule will be available at the following

site in early June:

<http://www.worldacademyofscience.org/worldcomp07/ws/program>

HOTEL RESERVATION:

You are to reserve your hotel room directly by calling Monte Carlo Resort at 1-702-730-7000 or 1-702-730-7777. Make sure that you mention the Group Code "XWRLD" (XWRLD is the keyword that the hotel will use to handle the reserved block of rooms for the Congress).

You should reserve your room as soon as possible since our block is very close to being fully booked. The negotiated room rate is \$79 + tax per night for the duration of the conference. However, at this point only a very few rooms are available for reservation. So, if you were unable to get a room at this hotel, then you should try other nearby hotels.

KEYNOTE LECTURES: (this is only a partial list)

- o. Prof. Ruzena Bajcsy
University of California, Berkeley, USA
Humans in Real and Virtual Space
- o. Prof. John H. Holland
University of Michigan, Ann Arbor, USA
Innovation
- o. Dr. Jack Y. Yang and Dr. Mary Qu Yang
Harvard University, Massachusetts, USA
National Human Genome Research Institute, NIH, Bethesda, USA
Data Mining and Knowledge Discovery of Human Genome and Competitive Genomes, Past, Future, and the Impact on the Science and Medicine
- o. Prof. A. K. Dunker
Indiana University and Purdue University, USA
Protein Intrinsic Disorder, Cell Signaling, Drug Discovery, and Alternative Splicing
- o. Prof. Jun Liu
MIT and Harvard University, Massachusetts, USA
Unraveling the Mystery of How Genes are Turned on and off Using Various Statistical and Computer Techniques
- o. Prof. Joydeep Ghosh

University of Texas at Austin, Austin, Texas, USA
Schlumberger Distinguished Centennial Chair Professor
Simultaneous Clustering and Modeling for Large Scale Data Mining
Applications

o. Steve Leibson
Tensilica, Inc.
Challenges in Consumer Electronics for 21st Century

o. Prof. Viktor K. Prasanna
University of Southern California, USA
Scientific Computing Using Reconfigurable Hardware

PARTIAL LIST OF PLANNED TUTORIALS appears below (tutorial attendance is free to registered attendees of worldcomp and all its associated conferences):

o. Robust Resource Allocation for Heterogeneous Parallel and Distributed Computing Systems
Prof. H. J. Siegel
Abell Endowed Chair Distinguished Professor of ECE and Professor of CS,
Director, CSU Information Science and Technology Center (ISTeC)
Colorado State University, Fort Collins, Colorado, USA
Date: June 25, 2007 (6:00pm – 9:00pm)

o. Developing Enterprise Web Services and Mobile/Wireless Systems
Dr. Sandeep Chatterjee
Chief Executive Officer, Cyndeo LLC, USA
Date: June 25, 2007 (6:00pm – 9:00pm)

o. Intelligent Pattern Recognition and Applications
Prof. Patrick Wang, IAPR Fellow
Northeastern University, Boston, MA, USA
Date: June 25, 2007 (6:00pm – 9:00pm)

o. Introduction to Uncertainty and Fuzzy Logic with Data Mining Applications
Ashu M. G. Solo
Principal/R&D Engineer, Maverick Technologies America Inc., USA
Date: June 25, 2007 (5:00pm – 6:00pm)

o. Systems Biology in present day Bioinformatics: Tools, Tricks, Ticks and Traps
Prashanth Suravajhala
Roskilde University, Greater Copenhagen, Denmark

o. Real-Time Image and Video Processing: From Research to Reality
Prof. Nasser Kehtarnavaz

University of Texas at Dallas, Texas, USA

Date: June 26, 2007 (6:00pm – 9:30pm)

o. Moving On, Moving Online That Is: An Introduction to Teaching Online

Dr. Michael L. Nelson

School of Technology Graduate Program Director

International College, Ft. Myers, Florida, USA

Date: June 26, 2007 (6:00pm – 9:30pm)

o. Computational Challenges in RNAi Gene Silencing

Amanda Birmingham

Dharmacon, Thermo Fisher Scientific, Bioinformatics Manager, USA

Date: June 26, 2007 (6:00pm – 9:30pm)

o. Introduction to Game Programming

Lakshmi Prayaga

University of West Florida, Pensacola, Florida, USA

Date: June 26, 2007 (6:00pm – 9:30pm)

o. Factor Graphs for Advanced Algorithm Design in Wireless Communications

Dr. Henk Wymeersch

Massachusetts Institute of Technology, Cambridge, Massachusetts, USA

Date: June 27, 2007 (6:00pm – 9:30pm)

o. Data Mining in Time Series and Multimedia Databases

Dr. Eamonn Keogh

University of California – Riverside, California, USA

Date: June 27, 2007

Time: 6:00pm – 9:00pm

o. Cryptographic Features and Applications in Java (and C++)

Prof. Ray Kresman

Bowling Green State University, USA

Date: June 27, 2007 (6:00pm – 9:30pm)

o. Mobile Terminal Software Architecture – Present and Future

S. Vijay Anand

General Manager, SASKEN Communication Technologies Limited – CTO Team, India

Date: June 27, 2007 (6:00pm – 9:30pm)

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