

The First International Conference on Contemporary Computing

NOIDA, (outskirts of New Delhi), India

August 7-9, 2008

<http://www.jiit.ac.in/jiit/ic3>

Computing is an exciting and evolving area. The International Conference on Contemporary Computing, which is jointly organized by the Jaypee Institute of Information Technology University, Noida, India and the University of Florida, Gainesville, USA, will focus on topics that are of contemporary interest to computer and computational scientists and engineers. It will bring together researchers and practitioners from academia, industry and government to advance the algorithmic, systems, applications, and educational aspects of contemporary computing. The first conference will be held in NOIDA (outskirts of New Delhi), India.

The following is a list of tentative **Keynote Speakers**:

Naresh Gupta, Adobe, India

S. Sitharama Iyengar, Louisiana State University, USA

Pankaj Jalote, IIT Delhi, India

Pradeep Khosla, Carnegie Mellon University, USA

Prabhakar Raghavan, Yahoo Inc., USA,

Rakesh Agrawal, Microsoft Search Labs, Mountain View, CA

A partial list of areas of interest follows:

- Computational Finance
- Data Mining and Knowledge Discovery
- Graphics, Entertainment, and Gaming
- Medical Informatics
- Remote Sensing
- Scientific Computing
- Society Driven Applications
- E-commerce
- Biometrics
- Novel Algorithmic Paradigms
- Multi-dimensional and Domain Specific Data Structures
- Randomized Algorithms
- Evolutionary Algorithms
- Distributed Algorithms
- Dynamic Algorithms
- Stream Processing
- Multicore Computing
- Grid Computing

- Service Oriented Architectures
- Next generation Internet
- Nanoscale Architectures
- Quantum Computing
- Bio-inspired Computing
- Embedded Systems
- System/network-on-chip
- Reconfigurable architectures
- Software Engineering

Paper Submission Guidelines

Authors are invited to submit manuscripts that demonstrate original unpublished Research dealing with algorithmic, systems, applications, and educational aspects of contemporary computing. Please see the conference website <http://www.jiit.ac.in/jiit/ic3> for paper submission procedures (8 pages in a two column format). Papers will be reviewed by experts and selected for presentation and inclusion in the conference proceedings based on their clarity, originality, relevance and significance.

Important Dates

Submission Deadline: February 28, 2008

Extended Deadline: March 7, 2008

Author Notification: March 31, 2008

Final Manuscripts and Registration: April 30, 2008

Conference Organization

General Co-Chairs

- Sartaj Sahni, University of Florida
- Sanjay Goel, IIIT University

Program Co-Chairs

- Sanjay Ranka, University of Florida
- Shishir Kumar, IIIT

Track Co-Chairs

Algorithms

- Sanguthevar Rajasekaran, University of Connecticut
- Rajeev Kumar, IIT Kharagpur

Applications

- David A. Bader, Georgia Institute of Technology
- Arun Pujari, LN Mittal IIT

Systems

- Francis C. M. Lau, Hong Kong University

Tutorial/Workshop Chair

- Srinivas Aluru, Iowa State University, aluru@iastate.edu

Publicity Co-Chairs

- Paolo Bellavista, Università degli Studi di Bologna,
- Rajkumar Buyya, University of Melbourne
- Yookun Cho, Seoul National University
- Mario Dantas, Federal University of Santa Catarina
- Suthep Madarasmi, King Mongkut's Unive. of Tech
- Sushil Prasad, Georgia State University
- Vikas Saxena, IIIT University
- Koji Nakano, Hiroshima University
- Guihai Chen, Nanjing University
- Hamid Sarbazi-azad, Sharif University of Technology

Website

- Sandeep K. Singh, IIIT University
- Ritu Arora, IIIT University
- Sangeeta Malik, IIIT University

Publications

- Hima Bindu, IIIT University

Student Volunteer Coordinator

- Manish Thakur, IIIT University