

The Fourth International Conference on Contemporary Computing (IC3-2011)

NOIDA, (outskirts of New Delhi), India

August 8-10, 2011

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

Computing is an ever evolving area. The International Conference on Contemporary Computing, which is jointly organized every year by the Jaypee Institute of Information Technology, Noida, India and the University of Florida, Gainesville, USA. It focuses on topics that are of contemporary interest to computer and computational scientists and engineers. The number of paper submissions at IC3 has been growing fast. Last year, we received approximately 350 submissions.

IC3-2011 will bring together researchers and practitioners from academia, industry and government to deliberate upon the **algorithmic, systems, applications, and educational aspects of contemporary computing**. The fourth conference will be held in NOIDA (outskirts of New Delhi), India. The conference will feature world-class plenary speakers, exhibits, special sessions, tutorials, and paper presentations.

The following is a list of keynote speakers of IC3-2010, IC3-2009 & IC3-2008:

- 2010: Arvind, Massachusetts Institute of Technology, USA
Vijay K. Vaishnavi, Georgia State University, USA
Gautam Shroff, TCS Innovation Labs, India
Manish Gupta, IBM, NY, USA
Amit Singhal, Google, Inc., CA, USA
Sanjay Ranka, University of Florida, USA
S N Maheswari, Indian Institute of Technology, Delhi, India
- 2009: Shree Nayar, Columbia University, USA
Vipin Kumar, University of Minnesota, USA
Lokendra Shastri, Infosys Technologies, India
Sajal K. Das, University of Texas at Arlington, USA
Oscar Ibarra, University of California, Santa Barbara, USA
Viktor Prasanna, University of Southern California, USA
Bijendra Jain, Indian Institute of Technology, Delhi, India
- 2008: Pradeep K. Khosla, Director, CyLab, USA
Prabhakar Raghavan, Yahoo! Research, USA
S. S. Iyengar, Louisiana State University, USA
Sartaj Sahni, University of Florida, USA
Rajeev Sangal, IIIT-Hyderabad, India
Pankaj Jalote, Microsoft Chair Professor, IIT-Delhi, India
Rajeev Kumar, IIT-Kharagpur, India
Srinivas Aluru, Iowa State University, USA
Sanjay Ranka, University of Florida, USA

Conference Tracks:

Algorithms
Systems (Hardware & Software)
Applications

A partial list of areas of interest follows:

Novel Algorithmic Paradigms	Scientific Computing
Randomized Algorithms	Quantum Computing
Evolutionary Algorithms	Bio-inspired Computing
Distributed Algorithms	Multicore Computing
Dynamic Algorithms	Cloud Computing
Software Engineering	Service Oriented Architectures
Data Mining and Knowledge Discovery	Embedded Systems
Graphics, Entertainment, and Gaming	System/network-on-chip
Bio-informatics	Reconfigurable architectures
Biometrics	Remote Sensing
E-commerce	Computer science education
Next generation Internet	
Society Driven Applications	
Analytics for Online Social Networks	
Medical Informatics	
Computational Finance	
Education Informatics	
Cultural Informatics	
Stream Processing	

Paper Submission Guidelines:

Authors are invited to submit manuscripts that demonstrate original unpublished research dealing with **algorithmic, systems, applications, or educational aspects of contemporary computing**. Please see the conference website <http://www.jiit.ac.in/jiit/ic3> for paper submission procedures (maximum 12 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. Conference proceeding will be published in **Springer's** Communications in Computer and Information Science Series, ISSN: 1865:0929.

Abstracting/Indexing of Proceedings

CCIS is abstracted/indexed in ISI Proceedings, Scopus, DBLP.

Important Dates:

Submission Deadline: February 20, 2011
Author Notification: April 20, 2011
Final Manuscripts and Registration: May 1, 2011

Conference Organization:

Steering Committee:

Yaj Medury, Jaypee Institute of Information Technology, India
J P Gupta, Jaypee Institute of Information Technology, India
Sartaj Sahni, University of Florida, USA
Sanjay Ranka, University of Florida, USA
Sanjay Goel, Jaypee Institute of Information Technology, India
Srinivas Aluru, Iowa State University, USA

General Co-chairs

Sartaj Sahni, University of Florida, USA

Sanjay Goel, IIIT, India

Program Chair

Srinivas Aluru, Iowa State University, USA and IIT Bombay, India

Track Co-chairs**Algorithms**

Devdatt Dubhashi, Chalmers University of Technology and University of Gothenburg, Sweden

Umit V. Catalyurek, Ohio State University, USA

Applications

Sanghamitra Bandyopadhyay, Indian Statistical Institute, India

Bertil Schmidt, Nanyang Technological University, Singapore

Systems

Phillip H. Jones, Iowa State University, USA

Manish Parashar, National Science Foundation and Rutgers University, USA

Publicity Co-Chairs

Rajkumar Buyya, University of Melbourne, AUS

Paolo Bellavista, University of Bologna, Italy

Koji Nakano, Hiroshima University, Japan

Masoud Sadjadi, Florida International University, USA

Bhardwaj Veeravalli, University of Singapore, Singapore

Divakar Yadav, IIIT, India

Website Administration

Sandeep Singh, IIIT, India

Shikha Mehta, IIIT, India

Publication Committee

Vikas Saxena, IIIT, India (Chair)

Alok Aggarwal, IIIT, India

Abhishek Swaroop, IIIT, India

Pawan Kumar, IIIT, India

Rakhi Himani, IIIT, India

Mukta Goyal, IIIT, India

Graphic Design

Sangeeta Malik, IIIT, India

Registration and Local Arrangement Co-Chairs

Krishna Asawa, IIIT, India

Prakash Kumar, IIIT, India

M. Hima Bindu, IIIT, India

Manish K Thakur, IIIT, India