

The Fifth International Conference on Contemporary Computing (IC3-2012)

NOIDA, (outskirts of New Delhi), India

August 6 – 8, 2012

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

Co-sponsored by ACM Delhi-NCR



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 260 submissions.

IC3-2012 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 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.

Conference Tracks:

- (i) Algorithms, (ii) Systems (Hardware & Software), (iii) Applications
- Special session on Biomedical Informatics

A partial list of areas of interest follows:

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

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Authors are invited to submit manuscripts that demonstrate original unpublished research dealing with **algorithmic, systems, applications, or educational aspects of contemporary computing**.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 Springer 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. Past conference proceeding have been published in **Springer's** Communications in Computer and Information Science Series, ISSN: 1865:0929. CCIS is abstracted/indexed in ISI Proceedings, Scopus, DBLP.

Important Dates:

~~Submission Deadline: February 20, 2012~~
~~Extended Submission Deadline: February 27, 2012~~
Extended Submission Deadline: March 05, 2012
Author Notification: April 20, 2012
Final Manuscripts and Registration: May 4, 2012

Conference Organization:

General Co-chairs

Sartaj Sahni, University of Florida, USA
Sanjay Goel, IIIT, India

Program Chair

Manish Parashar, Rutgers, The State University of New Jersey, USA

Track Co-chairs

Algorithms

Albert Zomaya, University of Sydney, Australia

Applications

Dinesh Kaushik, KAUST, Saudi Arabia

Systems (Hardware and Software)

Omer Rana, Cardiff University, UK
Yuanyuan Yang, Stony Brook University, USA

Special Session:

Biomedical Informatics

Dinesh P Mittal, University of Medicine and Dentistry of New Jersey, USA

Workshops/Tutorials Chair

Sushil Prasad, Georgia State 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
Alok Aggarwal, IIIT, India

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