

## **The Third International Conference on Contemporary Computing (IC3-2010)**

NOIDA, (outskirts of New Delhi), India

August 9-11, 2010

<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, 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 third 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 list of keynote speakers of IC3-2010 who have given their consent till date is as follows:

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

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

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  
Industry and Government Track (Invited Talks)

**A partial list of areas of interest follows:**

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

**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 (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**  
**CCIS is abstracted/indexed in ISI Proceedings and Scopus.**

**Important Dates:**

~~Submission Deadline: March 7, 2010~~  
Submission Deadline Extended: March 25, 2010  
Author Notification: April 20, 2010  
Final Manuscripts and Registration: May 15, 2010

**Additional features:**

**Industry and Government Track:** This special track will have following invited sessions:

1. Starting an IT venture
  2. Venture capital for IT
  3. IT in established companies
- Some more Tracks will be added.

**Poster Sessions:** A special Poster Session is being organized as part of IC3 2010. Authors are invited to submit short manuscripts of up to 2 pages that briefly describe original unpublished research or design work dealing with algorithmic, systems, applications, or educational aspects of contemporary computing. It is an opportunity to exhibit upcoming or completed original work and get a feedback from eminent experts and other delegates of the conference. All submitted papers will be reviewed by a minimum of two reviewers. Papers will be selected for presentation in the conference poster session based on their clarity, originality, relevance, and significance. Posters papers will be published on the conference website. Abstracts will be included in the proceedings.

**Student Project Exhibition:** A special Student Project Exhibition is being organized as part of the Third International Conference on Contemporary Computing (IC3 2010). We invite students to submit their projects (not presented or submitted elsewhere). It is an opportunity for students to exhibit their project work and get a feedback from eminent experts and other delegates of the conference. All submitted projects will be reviewed by a minimum of two reviewers. All selected project's summary will be displayed on the IC3-2010 website. Project details will be published on the conference website. Abstracts will be included in the proceedings.

## **Conference Organization:**

### **General Co-chairs**

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

### **Program Chair**

Sanjay Ranka, University of Florida, USA

### **Track Co-chairs**

#### **Algorithms**

Arunava Banerjee, University of Florida, Gainesville, USA  
Sheung-Hung POON, National Tsing Hua University, Taiwan R.O.C.

#### **Applications**

Sumeet Dua, Louisiana Tech, USA  
K.K.Biswas, IIT-Delhi, India

#### **Systems**

Prabhat Mishra, University of Florida, USA  
Rajat Moona, IIT-Kanpur, India  
Cho-Li Wang, University of Hong Kong, Hong Kong

#### **Industry and Government Track**

L.N.Rajaram, Expert Software Consultants Pvt. Ltd, India

### **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

### **Publication Chair**

Vikas Saxena, IIIT, India

### **Web Administration**

Sandeep Singh, IIIT, India  
Shikha Mehta, IIIT, India

### **Graphic Design**

Sangeeta Malik, IIIT, India

### **Registration Chair**

Krishna Asawa, IIIT, India

### **Finance Chair**

Bharat Gupta, IIIT, India

### **Poster Session Chair**

M. Hima Bindu, IIIT, India

### **Student Project Exhibition Chair**

Alok Aggarwal, IIIT, India

### **Local Arrangement Chair**

Prakash Kumar, IIIT, India

**Student Volunteer Coordinator**

Manish Kumar Thakur, IIIT, India