

Call for Papers: ICDCN 2012

(13th International Conference on Distributed Computing and Networking)

Hong Kong, January 3-6, 2012

<http://icdcn2012.comp.polyu.edu.hk/>

General Co-Chairs

Roger Wattenhofer, ETH Zurich,
Switzerland

(Distributed Computing Track)

Jiannong Cao, Hong Kong

Polytechnic University

(Networking Track)

Technical Program Co-Chairs

Ajoy K. Datta, University of
Nevada Las Vegas, USA

(Distributed Computing Track)

Archan Misra, Singapore

Management University

(Networking Track)

Program Vice-Chairs

Stéphane Devismes, University
Joseph Fourier (Grenoble), France
(Distributed Computing Track)

Luciano Bononi, University of
Bologna, Italy (Networking Track)

Web Chair

Chisheng Zhang, Hong Kong
Polytechnic University, Hong
Kong

Organizing Chair

Bin Xiao, Hong Kong Polytechnic
University, Hong Kong

Publicity Co-Chairs

Habib Ammari, Hofstra University,
USA

Uma Maheshwari, IBM Research,
India

Yvan Rivierre, University Joseph
Fourier, France

Zhixian Yan, EPFL, Switzerland

Workshop Co-Chairs

Krishna Kant, Intel and National
Science Foundation, USA

Stefan Schmid, Deutsche Telekom
Lab, TU Berlin, Germany

Cho-Li Wang, University of Hong
Kong, Hong Kong

Tutorial Co-Chairs

Kishore Kothapalli, IIT
Hyderabad, India

Jogesh Muppala, Hong Kong
University of Science and
Technology, Hong Kong

Steering Committee Co-Chairs

Sajal K. Das, University of Texas
at Arlington, USA

Sukumar Ghosh, University of
Iowa, USA

ICDCN (the International Conference on Distributed Computing and Networking) is a premier international conference dedicated to addressing advances in Distributed Computing and Communication Networks. Over the years, ICDCN has become a leading forum for disseminating the latest research results in these fields. As in the past, ICDCN 2012 will be organized in two tracks: **Distributed Computing** and **Networking**, and will comprise a highly selective technical program consisting of refereed submitted papers, panel discussions as well as focused workshops on emerging topics.

Papers describing original research work and practical experiences/experimental results are solicited on topics including, but not limited to:

- Distributed algorithms & concurrent data structures: design, analysis, and complexity
- Distributed operating systems
- Distributed database systems
- Embedded distributed systems
- Experiments and performance evaluation of distributed systems
- Fault-tolerance, reliability, and availability
- Multiprocessor & multi-core architectures & algorithms
- Self-organization, self-stabilization, & autonomic computing
- High performance computing, grid computing, & cloud computing
- Security, cryptography, & game theory in distributed systems
- Integration of heterogeneous wireless & wired networks
- Internetworking protocols & Internet applications
- Mobile and pervasive computing, context-aware distributed systems
- Next generation & converged network architectures
- Overlay & peer-to-peer networks and services
- Home Networking & Services
- Resource management & quality of service
- Network security & privacy
- Energy-Efficient Networking & Smart Grids
- Sensor, PAN & ad-hoc networks
- Traffic engineering, pricing, network management

Submission Instructions: ICDCN 2012 is soliciting submissions as either regular or short (concise contribution) papers. Regular papers will be allowed a maximum of 15 pages, while short papers will be permitted a maximum of 5 pages. The type of paper should be specified during paper submission-authors may request that their submission be considered only as a regular paper.

All papers must use at least 10-point Times Roman font and be formatted as per the "LNCS style". Links to the LNCS styles for Latex and MS-Word will be available from the Submissions Webpage <http://icdcn2012.comp.polyu.edu.hk/submissions.html> -- note that the page limits include all additional material, such as appendices, proofs, etc. Submissions deviating from these guidelines will not be reviewed. Accepted submissions will be published by Springer in the LNCS series.

At least one author of each accepted paper must register for the conference and present the paper. Papers should be submitted via the EasyChair submission management system at: <http://www.easychair.org/conferences/?conf=icdcn2012>

Selected papers from the Distributed Computing Track will be published in a special issue of Theoretical Computer Science (TCS). Selected papers from the Networking Track will be published in a special issue of the Elsevier Pervasive & Mobile Computing (PMC) journal.

Important Dates

Submission Deadline (Extended, but FIRM) : **July 15 (July 8), 2011**

Notification : September 15, 2011

Camera-Ready : October 13, 2011

Any questions about the technical scope of the conference or the appropriateness of specific papers may be directed to the TPC Chairs via email to: datta@cs.unlv.edu or archanm@smu.edu.sg