

ICDCN 2020

January 4-7, 2020

www.icdcn.org

21st International Conference on Distributed Computing and Networking

KOLKATA, INDIA

Important Dates

Abstract submission:	26th July 2019
Paper submission:	2nd Aug 2019
Notifications:	20th Sept 2019
Camera Ready Papers:	18th Oct 2019

General Chairs

- Nandini Mukherjee, Jadavpur University, India
- Sriram Pemmaraju, University of Iowa, USA

Program Committee Chairs

- Mainak Chatterjee, University of Central Florida, USA (Networking Track)
- Keren Censor-Hillel, Technion, Israel (Distributed Computing Track)

Program Committee Vice Chairs

- Sudip Misra, Indian Institute of Technology, Kharagpur (Networking Track)
- Arpita Patra, IISc, Bangalore (Distributed Computing Track)

Workshop Chairs

- Sathya Peri, Indian Institute of Technology, Hyderabad
- Sipra Das Bit, Indian Institute of Engineering Science and Technology, Shibpur

Tutorial Chairs

- Nabanita Das, Indian Statistical Institute, Kolkata
- Somprakash Bandyopadhyay, Indian Institute of Management, Kolkata

PhD Symposium Chairs

- Bivas Mitra, Indian Institute of Technology, Kharagpur
- Yogesh Simmahn, Indian Institute of Science, Bangalore

Publication Chairs

- Sandeep Kulkarni, Michigan State University

Keynote Chair

- Rupak Biswas, NASA Ames Research Center, USA

Panel Chairs

- Mohan Kumar, Rochester Institute of Technology, USA
- Archan Misra, Singapore Management University

Industry Chairs

- Samiran Chhattaopadhyay, Jadavpur University, India
- Arijit Mukherjee, TCS Research & Innovation

Poster Chairs

- Sarmistha Neogy, Jadavpur University, India
- Sarbani Roy, Jadavpur University, India

Demo Chairs

- Chandreyee Chowdhury, Jadavpur University, India
- Siuli Roy, Heritage Institute of Technology, India

Mobile Apps Competition Chair

- Hari Prabhat Gupta, IIT-BHU
- Punyasha Chatterjee, Jadavpur University, India

Finance Chairs

- Subhadeep Basu, Jadavpur University, India
- Sudip K. Naskar, Jadavpur University, India
- Partha Sarathi Mondal, IIT Guwahati

Local Arrangements Chair

- Ram Sarkar, Jadavpur University, India
- Nibar Das, Jadavpur University, India
- Chintan Mondal, Jadavpur University, India

Publicity Chairs

- Lucano Bononi, University of Bologna, Italy
- Niraj Mittal, University of Texas at Dallas, USA
- Hirozumi Yamaguchi, Osaka University, Japan
- Anisur Rahman Molla, Indian Statistical Institute, Kolkata

Steering Committee Chairs

- Sajal K. Das, Missouri Univ. of Science and Technology, USA
- Sukumar Ghosh, University of Iowa, USA

Web Chair

- Kartik C. Mondal, Jadavpur University, India

Call for Papers

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

Distributed Computing Track

- Blockchain
- Concurrent Data Structures
- Distributed algorithms: design, analysis, and complexity
- Distributed operating systems
- Distributed database systems
- Embedded distributed systems, sensors and mobile
- Distributed Robots
- Formal methods for distributed systems
- Experimental 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
- Multi-tier cloud computing and Big Data processing
- Security, cryptography and Game theory in distributed systems
- Internet-scale distributed systems

Networking Track

- 5G, ultra-dense networks, and next-gen networks and services
- Ad-hoc, sensor, PAN and mesh networks
- Backscatter and ultra-low power networks
- Cognitive networking
- Data center and cloud networking
- Energy-efficient networking & integration with smart grids
- Internetworking protocols & Internet applications
- IoT connectivity and Cyber Physical Systems (CPS)
- Mobile Edge Computing (MEC)
- Mobile offloading
- Mobile pervasive computing and networking
- Network function virtualization and Software Defined Networking (SDN)
- Network security & privacy
- Next generation & converged network architectures
- Overlay & peer-to-peer networks and services
- Pricing and network economics

ICDCN 2020 is soliciting submissions as either regular or short papers. At least one author of each accepted paper must register for the conference and present the paper. Regular Papers should not exceed 10 pages double column including figures, tables, and references in standard ACM format. Additional details may be included in a clearly-marked appendix (containing all technical ideas and proofs necessary for an expert to fully verify the claims of the paper) that will be read at the discretion of the program committee. Short Papers should not exceed 5 pages double column including figures, tables, and references in standard ACM format. Some papers not accepted as regular papers may be accepted as short papers with 5 pages in the proceedings, while full papers will be allowed 10 pages. The submission link is

<https://easychair.org/conferences/?conf=icdcn2020>

Best Paper Award: The ICDCN TPC plans to award a Best Paper Award, independently for each of the two tracks. This award will be based on the paper's technical merit, the opinions of the reviewers and the presentation quality at the conference. The TPC also plans to give a best student paper award. To be eligible for the best student paper award at least one of the paper authors must be a full-time student at the time of submission, and the student(s) must have made a significant contribution to the paper.

Extended versions of the selected papers from the Distributed Computing track will be published in the journal Theoretical Computer Science (TCS) and papers from the Networking track will be published in the journal Pervasive and Mobile Computing (PMC)

For inquiries, contact

General Chairs:

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