

DISC 2015 – Call for Papers

29th International Symposium on Distributed Computing

October 7-9, 2015, Tokyo, Japan

<http://www.disc-conference.org/wp/disc2015>

DISC is the International Symposium on Distributed Computing, organized in cooperation with the European Association for Theoretical Computer Science (EATCS).

Scope: Original contributions to theory, design, implementation, modeling, analysis, or application of distributed systems and networks are solicited. Topics of interest include, but are not limited to:

Important Dates

Abstract Registration **May 10, 2015**
Paper Submission **May 15, 2015**
Notification **July 23, 2015**
Camera-Ready Submission **August 5, 2015**
Conference **October 7–9, 2015**

- Distributed algorithms; correctness and complexity
- Concurrency, synchronization, and transactional memory
- Distributed operating systems, middleware, database systems
- Self-stabilizing, self-organizing, and autonomous systems
- Wireless, mobile, sensor and ad-hoc networks
- Fault tolerance, reliability, availability
- Game-theoretic approaches to distributed computing
- Specification, verification, and testing: tools, methodologies
- Networks: protocols, architectures, services, applications
- Multiprocessor and multicore architectures and algorithms
- System on chip and network on chip architectures
- Security in distributed computing, cryptographic protocols
- Distributed computing issues in the Internet and the Web
- Cloud and peer-to-peer computing
- Software-defined networking and network functions virtualization
- Mobile agents and autonomous robots

Program Committee

Marcos K. Aguilera *VMware Research Group, USA*
Dan Alistarh *Microsoft Research, UK*
Lorenzo Alvisi *U. of Texas, Austin, USA*
Francois Bonnet *JAIST, Japan*
Armando Castañeda *UNAM, Mexico*
Gregory Chockler *Royal Holloway, U. of London, UK*
Xavier Defago *JAIST, Japan*
Danny Dolev *Hebrew U., Israel*
Michael Elkin *Ben Gurion U., Israel*
Nate Foster *Cornell U., USA*
Pierre Fraigniaud *CNRS & U. Paris Diderot, France*
Juan Garay *Yahoo Labs, USA*
Cyril Gavoille *Bordeaux U., France*
Maurice Herlihy *Brown U., USA*
Taisuke Izumi *Nagoya Institute of Technology, Japan*
Prasad Jayanti *Dartmouth College, USA*
Amos Korman *CNRS & U. Paris Diderot, France*
Petr Kuznetsov *Telecom ParisTech, France*
Zvi Lotker *Ben Gurion U., Israel*
Nancy Lynch *MIT, USA*
Maged Michael *IBM Research, USA*
Adam Morrison *Technion, Israel*
Yoram Moses (chair) *Technion, Israel*
Achour Mostéfaoui *U. Nantes, France*
Danupon Nanongkai *KTH, Sweden*
Rotem Oshman *Tel Aviv U., Israel*
Noam Rinetzky *Tel Aviv U., Israel*
Ulrich Schmid *Vienna U. of Technology, Austria*
Yukiko Yamauchi *Kyushu U., Japan*
Haifeng Yu *National U. of Singapore, Singapore*
Moti Yung *Google, USA*

Submission: Papers are to be submitted electronically, following the guidelines on the conference web page. Submissions must be in English, in .pdf format, and begin with a cover page (not a cover letter) including: (1) title, (2) authors' names and affiliations, (3) contact author's email address, (4) a short abstract of the paper, (5) indication of whether this is a regular paper or a brief announcement, and (6) indication of whether the paper is eligible for the best student paper award.

A submission for a regular presentation must report on original research that has not previously appeared, and has not been concurrently submitted to a journal or conference with published proceedings. Any overlap with a published or concurrently submitted paper must be clearly indicated. A regular submission must not exceed 10 single-column pages using at least 11 point font on letter paper (excluding cover page and references). Authors are expected to include all the ideas necessary for an expert to verify the central claims in the paper. If necessary, the details may appear in a clearly marked appendix, which will be read at the discretion of the program committee.

A brief announcement submission must not exceed 3 pages in the same format. It is permissible for the material in brief announcements to be published in other conferences. Submissions not conforming to these rules and papers outside of the scope of the conference will be rejected without consideration. If requested by the authors on the cover page, a regular submission that is not selected for a regular presentation can be considered for the brief announcement format. Such a request will not affect consideration of the paper for a regular presentation.

Publication: The proceedings will be published as a volume in the ARCoSS Springer Lecture Notes in Computer Science series. Camera-ready versions of accepted papers must be submitted in the LNCS format.

Awards: Awards will be given to the best paper and the best student paper. 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.

Organizing Committee

Chen Avin (publicity chair) *Ben Gurion U., Israel*
Tal Mizrahi (publicity chair) *Technion, Israel*
Toshimitsu Masuzawa (general chair) *Osaka U., Japan*
Koichi Wada (general chair) *Hosei U., Japan*

Steering Committee

Yehuda Afek *Tel Aviv U., Israel*
Keren Censor-Hillel *Technion, Israel*
Shlomi Dolev *Ben Gurion U., Israel*
Antonio Fernandez Anta (chair) *IMDEA Netw., Spain*
Fabian Kuhn *U. Freiburg, Germany*
Yoram Moses *Technion, Israel*
Achour Mostéfaoui *U. Nantes, France*