



<http://conferences2.sigcomm.org/acm-icn/2016/>

The organizing committee is delighted to invite you to the 3rd ACM conference on Information-centric Networking (ICN 2016), to be held in Kyoto, Japan from September 26 until September 28, 2016.

The fundamental concept in Information-Centric Networking (ICN) is to provide accessing named data as a principal network service, evolving the Internet from today's host based packet delivery towards directly retrieving information objects by names in a secure, reliable, scalable, and efficient way. These architectural design efforts aim to directly address the challenges that arise from the increasing demands for highly scalable content distribution, from accelerated growths of mobile devices, from wide deployment of Internet-of-things (IoT), and from the need to secure the global Internet. ACM ICN 2016 will be a single track conference focusing on current ICN research topics, featuring paper presentations and demonstrations.

Topics of interest include:

- Application programming interfaces (APIs) for ICN and their evaluation
- Applications of ICN
- Architecture design and evaluation
- Caching
- Comparison of different ICN architecture designs
- Critical analysis of previous work in ICN
- Deployments of ICN
- Economics and business models
- Evaluation methodology and metrics
- Experience from implementation
- Feasibility studies of ICN for high speed networking
- ICN support for ad hoc, direct peer-to-peer communication
- Implementation strategies for ICN
- Interoperability across ICN architectures
- Management in ICN
- Opportunities for ICN in the developing world
- Privacy
- Routing in ICN
- Scalability analysis of ICN
- Tools, experimentation facilities, and measurement methodology for ICN
- Transport issues in ICN
- Trust management and access control

Full-papers can be up to 10 pages in length following the ACM SIGCOMM format, and should convey results of mature research. Short-papers can be up to 6 pages in length and should report on cross-disciplinary work, or less mature work not qualifying for a full submission. Papers with doctoral students as first authors are particularly encouraged. Note: Submissions exceeding the 6 pages length will be considered as full-papers.

Submissions will be reviewed and evaluated on the basis of originality, importance of contribution, soundness, evaluation, quality of presentation and appropriate comparison to related work. The program committee as a whole will make final decisions about which submissions to accept for presentation at the conference. A "best paper award" will be attributed from the program committee to one among the accepted papers in each of the Full paper and Short paper tracks.

The program committee may propose that authors either 1) revise papers of special merit and resubmit them to an ICN' 16 workshop for consideration, or 2) present their work with a poster accompanied by a 2-page extended abstract. Please notice that ACM ICN 2016 also have a specific call for proposals for workshops, demos, tutorials and panel sessions.

IMPORTANT DATES

May 7, 2016	Paper Registration Deadline (Long and Short) (HARD DEADLINE)
May 15, 2016	Paper Submission Deadline (Long and Short) (HARD DEADLINE)
July 7, 2016	Acceptance Notification
August 15, 2016	Camera Ready Due
September 26-28, 2016	Conference

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