Information Centric Networking (ICN) is a new network architecture intended to provide access to information without requiring an explicit binding of that information to a particular location. By directly addressing information, ICN supports mobile users and mobile networked devices, offers a higher-level communication service to applications, and promotes authentication and efficiency in the transmission and dissemination of information. Over the last few years, a global research and development community has grown around the idea of ICN.

ACM ICN 2015 is the second edition of the ACM Conference on Information-Centric Networking, which follows a series of workshops on ICN held in conjunction with the ACM Sigcomm conference. ACM ICN 2015 is the premier international forum for researchers and practitioners to present and discuss the most recent innovations, trends, experiences, and challenges in information centric networking. ACM ICN 2015 will be a single-track conference featuring paper and poster presentations, panel discussions, and demonstrations.

The Technical Program Committee of ACM ICN 2015 invites high-quality submissions describing unpublished research results in all aspects of ICN, with particular emphasis on contributions to architectural designs and reproducible experimental evaluations. Papers submitted for consideration should not have been already published elsewhere and should not be under review or submitted for review elsewhere during the consideration period. Specifically, authors are required to adhere to the ACM Policy and Procedures on Plagiarism and the ACM Policy on Prior Publication and Simultaneous Submissions.

Topics of interest include:

- Architecture design and evaluation
- Comparison of different ICN architectures
- Interoperability across ICN architectures
- ICN evaluation methodology and metrics
- Analysis of scalability issues in ICN
- ICN enabled applications
- Routing in ICN
- Transport issues in ICN
- Caching
- Mobility support
- Trust management and access control
- Management in ICN
- ICN economics and business models
- Tools, experimentation facilities, and measurement methodology for ICN
- Experience from implementation
- Feasibility studies of ICN for high speed networking
- Privacy
- ICN Deployment
- ICN APIs
Submission Instructions

Submitted papers can be up to 10 pages in length following the SIGCOMM format. All submissions must be in English and in PDF format. Submissions that do not comply with these instructions will be rejected without review. Papers must be submitted electronically through the ICN 2015 submission site.

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. The program committee may propose that authors present their work with a poster accompanied by a 2-page extended abstract. ACM ICN 2015 also invites proposals for demos, tutorials and panel sessions.

Important Dates

- Full Paper Submission: May 22, 2015
- Acceptance Notification: July 20, 2015
- Camera Ready Due: Aug. 15, 2015
- Conference: September 30-October 2, 2015

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- Laura Hill (PARC)

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