

# ICN 2013 Chairs' Welcome

It is our great pleasure to welcome you to *The 3rd ACM SIGCOMM Workshop on Information-Centric Networking (ICN 2013)*. The fundamental concept in Information-Centric Networking (ICN) is to evolve 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 the Internet-of-Things (IoT), and from the need to secure the global Internet.

Rapid progress has been made over the last few years, initial designs are sketched, new research challenges exposed, and prototype implementations are deployed on testbeds of various scales. The research efforts have reached a new stage that allows one to experiment with proposed architectures and to apply a proposed architectural design to address real world problems. It also becomes important to compare different design approaches and develop methodologies for architecture evaluations. Some research areas, such as routing and caching, have drawn considerable attention; some other areas, such as trust management, effective and efficient application of cryptography, experience from prototyping, and lessons from experimentations, to name a few, have yet to be fully explored.

This workshop presents original contributions on Information-Centric Networking architecture topics, specific algorithms and protocols, as well as results from implementations and experimentation, with an emphasis on applying the new approach to address real world problems and on experimental investigations. New for this year is that the workshop includes a poster/demo session.

We received a large number of submissions and as the workshop is limited in time we were only able to accept 20% of them as full papers. To promote sharing of latest results among workshop attendees, we also accepted 17% of the submissions as posters or demos.

Putting together *ICN 2013* was a team effort. We first thank the authors for providing the content of the program. We thank Jim Kurose for accepting to make the keynote speech. We are grateful to the program committee, who worked very hard in reviewing papers and providing feedback for authors. We also thank the Steering Committee members Dirk Kutscher, Giacomo Morabito, Nacho Solis. Thanks also go to ACM for their support in organization and publication of the proceedings. Finally, we thank the hosting organization The Chinese University of Hong Kong.

We are very much looking forward to the excellent presentations and discussions that we are convinced this workshop will offer.

*Welcome!*

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