Call for papers

IEEE Globecom 2015 Workshop on

Information Centric Networking Solutions for Real World Applications (ICNSRA).

Today's Internet traffic is dominated by content distribution and retrieval. With the continued, rapid explosion of networked content, it becomes challenging to efficiently and securely provide quality of experience to the end-user. Tomorrow's Internet is expected to interconnect billions of devices for both machine-to-machine communications and integration into end-user applications, posing challenges in addressing, security, and ease of development. To handle the continued growth of the Internet content and the explosion of interconnected devices that are expected, Information Centric Networking (ICN) has emerged as an alternative to the current host-to-host communication paradigm. ICN has generated significant interest in the research community recently; as a result, within a very short period the research activity as well as experimental deployments of ICN has been significant. The state-of-art of ICN is now at a stage that allow the concerned community of researchers and potential developers to explore how ICN applications can address real world problems. The objective of this workshop is to cover the recent research and development on the experimental evaluation of real world applications of information centric networking, especially where key challenges of scalability, security, and ease of authoring distributed application have been explored. The workshop intends to stimulate more discussions on state-of-the-art research in this field and how it can address significant opportunities and challenges emerging from an increasingly networked world. This workshop will offer a venue for researchers from both industry and academic to demonstrate their recent progresses on experimental validation of Information Centric Networking solutions for the real world applications as well as to identify remaining challenges   towards broader ICN   deployment.

Original papers are welcome on (but not limited to) experimental validation of Information Centric Networking solutions for the following real world applications:

- Social networking applications.
- ICN application on Real-time audio and video (A/V) communications.
- ICN for Infrastructure sharing
- ICN for Content dissemination
- ICN application for Mobility support
- ICN application s within Disaster scenarios and contested environments
- ICN application for Smart grid and other critical infrastructure
- ICN application for Internet-of-Things

Important Dates

- Website showing technical program: September 15, 2015
- Deadline (hard) for final workshop paper submission: July 1, 2015
- Acceptance/rejection announcement: September 1, 2015
- Final workshop papers due: October 1, 2015

Key Personnel: **Workshop Chair:**

Takuro Sato, Waseda University, Japan

Workshop Co-Chair

Jeff Burke, UCLA, USA

Paper submission guidelines:

All final submissions should be written in English with a maximum paper length of six (6) printed pages (10-point font) including figures without incurring additional page charges (maximum 1 additional page with over length page charge of USD100 if accepted). Papers exceeding 7 pages will not be accepted at EDAS.

Standard IEEE conference templates for LaTeX formats are found at here: http://www.ieee.org/conferences_events/conferences/publishing/templates.html

You may also use one of the following templates for Microsoft Word: A4, US letter. Only PDF files will be accepted for the review process, and all submissions must be done through EDAS.

If you have any questions regarding the submission of manuscripts, please contact the Workshop Program Chairs.

Important IEEE Policy Announcement: The IEEE reserves the right to exclude a paper from distribution after the conference (including its removal from IEEE Explore) if the paper is not presented at the conference.

Papers should be reviewed on the basis that they do not contain plagiarized material and have not been submitted to any other conference/workshop at the same time (double submission). These matters are taken very seriously and the IEEE Communications society will take action against any author who engages in either practice. Follow the link to learn more:

http://www.ieee.org/publications_standards/publications/rights/Multi_Sub_Guidelines_Intro.html

PLEASE NOTE: To be published in the IEEE GLOBECOM 2015 Conference Proceedings and to be eligible for publication in IEEE Xplore, an author of an accepted paper is required to register for the workshop at the FULL (member or non-member) rate and the paper must be presented by an author of that paper at the workshop unless the TPC Chair grants permission for a substitute presenter in advance of the event and who is qualified both to present and answer questions. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one FULL or LIMITED registration is valid for up to 3 papers. Accepted and presented papers will be published in the IEEE GLOBECOM 2015 Conference Proceedings and submitted to IEEE Xplore®.

If you have any questions about the review and registration process, please contact the Workshop Program Chairs.