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IEEE

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IEEE International Workshop on

Information Centric Networking Solutions for Real World Applications (ICNSRA 2016)

(Organized in conjunction with IEEE Globecom 2016)

http://icnsra.nz.comm.waseda.ac.jp/

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Call for Papers

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 signicant 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 the 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.

Topics of Interest

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

- ICN applications for Internet-of-Things
- ICN applications for smart vehicles
- ICN applications for Smart Grid and other critical infrastructure
- ICN for content dissemination
- ICN applications for mobility support
- Social networking applications.
- ICN applications on Real-time audio and video communications
- ICN for infrastructure sharing
- ICN applications within disaster scenarios and contested environments

Important Dates

Deadline for paper submission: July 1, 2016
Acceptance/rejection announcement: September 1, 2016
Website showing technical program: September 15, 2016
Final workshop papers due: October 1, 2016
Workshop: December 8, 2016

Submission Guidelines

All final submissions should be written in English with a maximum paper length of 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 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 at http://edas.info/N22572.