

ICON 2013

19th IEEE International Conference on Networks

December 11-13, 2013 ■ Singapore

Organized by:

IEEE Singapore Computer Chapter
Institute for Infocomm Research



Conference Chairs

Bharadwaj VEERAVALLI (NUS, Singapore)
Francis Bu-Sung LEE (NTU, Singapore)

Keynote Speaker

Paul Mockapetris (Nominum, Inc., USA)
The Inventor of the Internet Domain Name System (DNS)

Technical Program Chairs

Jo-Yew THAM (I²R, Singapore)
Wee-Seng SOH (NUS, Singapore)

Special Session Chair

Yu WANG (I²R, Singapore)

Tutorial Chair

Xu SHAO (I²R, Singapore)

Secretary

Chern-Nam YAP (TP, Singapore)

Finance Chair

Lee-Yee LAU (SP, Singapore)

Publication Chair

Yongwei ZHU (I²R, Singapore)

Publicity Chair

S.P.T. Krishnan (I²R, Singapore)

Local Arrangement Chair

Khin-Choong Chan, Vinnie (NP, Singapore)

Website: <http://www.ieee-icon.org/>

Email: secretariat@ieee-icon.org

CALL FOR PAPERS

The 19th IEEE International Conference on Networks (ICON2013) will be held in Singapore. One day of tutorials and two days of technical presentations are planned for the conference. The conference will also include invited speakers and special sessions. ICON2013 will provide an open forum for researchers, engineers and academia to exchange the latest innovations and research advancements on next-generation computer network architectures, protocols and algorithms (wired, wireless, ad-hoc, mesh, sensor), content networking and multimedia delivery technologies, as well as centralized and distributed networked systems, applications and services. Contributions describing original research, surveys and applications are solicited. Topics of interest include, but are not limited to, the following areas:

- Content distribution networks
- Delay tolerant networks
- Distributed multimedia systems
- DLNA, uPnP and inter-networking
- Flow and congestion control
- Home LAN, body and personal area networks
- Media and session handoffs and roaming
- Multicasting and application-level routing
- Multimedia networks and delivery
- Network architectures and middleware
- Network fault-tolerance, reliability
- Network I/O and storage area networks
- Network pricing and billing
- Network protocols, design and challenges
- Network security & threat management
- Networking issues and challenges in Internet of Things
- Networking issues and challenges in cloud/grid computing
- Networking issues and challenges in smart-grid domains
- Networking issues and challenges in storage area networks
- Networking issues in multimedia, web and gaming applications
- Networking issues, challenges in rural living
- Networks research in military and space applications
- Next-generation networks
- Novel networked systems, applications and services
- Optical and photonic networks
- Peer-to-peer and overlay networking
- Quality of service / quality of experience
- Resource and service discovery technologies
- Routing, switching and addressing
- Scalable and robust media streaming protocols
- Scheduling and resource management
- Tools and techniques for network simulation and measurement
- Traffic engineering and management
- Wired/wireless mesh, mobile, ad-hoc networks

Submissions should present original, unpublished research and be no longer than 6 pages (letter, single line, minimum 10-point font) including figures. Submissions will be judged on originality, significance, interest, clarity, relevance and correctness.

Papers should be submitted electronically in PDF format. Instructions on the submission of papers can be found on the conference website.

Important Note: Papers will be included in the conference proceedings only if at least one author has registered and paid the full IEEE member or non-member registration fee. One full registration covers only up to two (2) accepted papers, but with a mandatory SGD100 surcharge for the second paper. The IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore®) if the paper is not presented at the conference.

Special/Plenary Sessions

Proposals for Special/Plenary Sessions may be submitted to the Special Session Chair via email at secretariat@ieee-icon.org by May 01, 2013.

Tutorial Proposals

Proposals for full- or half-day tutorial topics are solicited. Each proposal should be about 1000 words long and should include a synopsis, tutorial outline and brief speaker's biography. Please submit your proposals to the Tutorial Chair via email at secretariat@ieee-icon.org by May 01, 2013.

Best Paper Awards

Awards will be given for the best paper and the best student paper at the conference. To be eligible for the best student paper award, a student or group of students must be primary contributors to the paper. Papers to be considered for the student paper award should be identified as such during the paper submission.

Important Dates

Proposal due date:

-Special / Plenary Sessions:

May 01, 2013

-Tutorials

May 01, 2013

Full paper due date (extended):

June 15, 2013

Notification of acceptance:

August 15, 2013

Camera-ready paper due date:

October 01, 2013

Tutorial:

December 11, 2013

Conference:

December 12-13, 2013