



Call for Papers



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Important dates:

Paper registration: April 5, 2012

Paper submission: April 12, 2012

Notification of acceptance: July 6, 2012

Final paper: July 30, 2012

Demonstration proposal: July 11, 2012



LCN 2012

The 37th Annual IEEE Conference on Local Computer Networks (LCN)

<http://www.ieeelcn.org>

Sheraton Sand Key Hotel, Clearwater, Florida, USA

October 22 – 25, 2012

The IEEE LCN conference is the premier conference on the leading edge of theoretical and practical aspects of computer networking. LCN is a highly interactive conference that enables an effective interchange of results and ideas among researchers, users, and product developers. For the past 36 years, major developments from high-speed local networks to the global Internet to specialized sensor networks have been reported at this conference. Topics of interest include, but are not limited to:

- Personal and wearable networks
- Sensor and RFID networks
- Embedded networks
- Wireless, mobile and ad hoc networks
- Optical networks
- Cognitive radio networks
- Local-area networks
- Vehicular and underwater networks
- Metropolitan-area networks
- High-speed access networks
- Home and SOHO networks
- Overlay and peer-to-peer networks
- Storage-area networks
- Social Networks
- IPv6 deployment and migration
- Network coding
- Link technologies
- Ubiquitous networking
- Green networking
- Adaptive networking applications
- Authentication, authorization, accounting
- Congestion and flow control
- Cross-layer optimization
- Mobility and Location-dependent services
- Multimedia and real-time communication
- Network management
- Network reliability and Quality-of-Service
- Security and privacy
- Traffic characterization and measurements
- Performance evaluation/engineering
- Testbeds for experiments and simulations

Authors are invited to submit papers describing original, previously unpublished work, not currently under review by another conference, workshop, or a journal. *Full papers* (up to 8 camera-ready pages, 10 pt font in IEEE format) should present novel perspectives within the general scope of the conference. *Short papers* are an opportunity to present preliminary or interim results and are limited to 4 camera-ready pages. Short papers will be presented in a poster session. Both full and short papers are published in the proceedings and IEEE Xplore. All papers must include title, complete contact information for all authors, abstract, and keywords on the cover page. IEEE reserves the right to remove papers from IEEE Xplore that are not presented at the conference.

Paper submission:

Papers must be registered on EDAS and submitted in PDF format. Detailed submission instructions are available at the conference website. Direct your questions to the

- Program Chair, Anura Jayasumana <Anura.Jayasumana@Colostate.edu> or the
- Program Co-chair, Damla Turgut <turgut@eecs.ucf.edu>.

Workshops:

A number of workshops will be co-located with the conference. Workshop papers will be published in the LCN proceedings and IEEE Xplore. Information on workshops, submission deadlines and all other details will be posted on the conference web site.

Demonstrations:

Proposals are solicited for research demonstrations. A proposal (no more than 3 pages) should describe the scope, significance and required equipment. Proposals should be submitted via EDAS to the LCN Demo Track.