



ACM CoNEXT 2012

December 10-13, 2012

Nice, France



<http://conferences.sigcomm.org/co-next/2012/>

CALL FOR PAPERS

The 8th ACM International Conference on emerging Networking EXperiments and Technologies (ACM CoNEXT) 2012 will be held in Nice, France from Dec. 10-13, 2012. The goal of the conference is to provide a selective and interdisciplinary forum for research in Networking and Communications. We seek to foster meaningful technical interactions among members of our community through an excellent single-track program.

ACM CoNEXT 2012 welcomes submissions based on implementation and experimentation, as well as simulation and analytical approaches. We are committed to a fair, timely, and thorough review process providing authors of submitted papers with sound and detailed feedback. We solicit papers on emerging networking experiments, measurements, paradigms, and analysis with particular emphasis on novel and creative work. Papers reporting on the deployment and performance of services, or exploring networks aimed at better supporting new services are also appreciated.

Relevant topics for the conference include, but are not limited to the following:

- Internet measurement and modeling
- Wireless networks
- Mobile and cellular networks
- Mesh, ad hoc and sensor networks
- Economic aspects of the Internet
- Network security
- Data center networks
- Peer-to-peer, overlay and content distribution networks
- Online social networks
- Routing and traffic engineering
- Network management, including energy issues
- Interface among between networking, communications and information theory
- New networking protocols and architectures
- Applications of network science in communication networks

Submission Guidelines

Submissions must be original, unpublished work, and not under consideration at another conference or journal. Compliance with the 12 pages, 10pt ACM SIGCOMM format will be strictly enforced. Electronic proceedings will be published by ACM, and the best papers forwarded to the IEEE/ACM Transactions on Networking for possible fast-track publication.

To submit papers to the ACM CoNEXT 2011 conference, please read the formatting guidelines provided on the conference web page. Authors are expected to make sure that their submission complies with these requirements.

Important Dates for Main Conference

| | |
|-------------------------|------------------------------|
| Abstract Submission | June 1, 2012 (recommended) |
| Paper Submission | June 8, 2012 (hard deadline) |
| Acceptance Notification | September 15, 2012 |
| Camera Ready | October 25, 2012 |

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| General Chairs | Chadi Barakat Renata Teixeira | INRIA, Sophia Antipolis, France UPMC Sorbonne Universités & CNRS, Paris, France |
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| Technical Program Chairs | K. K. Ramakrishnan Patrick Thiran | AT&T Labs Research, Florham Park, NJ, USA EPFL, Lausanne, Switzerland |
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CALL FOR WORKSHOP PROPOSALS

As in the last 4 years, CoNEXT 2012 is soliciting proposals for two one-day workshops to be held in conjunction with the main conference, in addition to the CoNEXT Student Workshop. The workshops are considered an integral part of the conference and will be fully incorporated into its logistical and budget planning process. Workshop papers will be published in the same set of proceedings as the conference, and made available on the ACM Digital Library.

The workshops should be on original and timely topics of broad interest to the CoNEXT community, and aimed at fostering lively discussions and technical exchanges among participants. Workshop proposals sent in response to this open call should include the following material:

- A draft call for paper (as complete as possible)
- A statement of interest for co-locating the workshop with CoNEXT
- A description and rationale for the workshop topic and its relevance to the CoNEXT community
- Names and affiliations of Workshop chairs and TPC members (as complete as possible)
- Background information on past instances of the workshop, if any; plus a comparison with existing workshops on related topics, if applicable.
- Expected number of submissions and accepted papers
- Expected numbers of attendees

Proposals should be submitted to the workshop chair by email as ASCII or PDF files only. The selection of workshops will be made after advices from the steering committee by the workshop chair.

Important Dates for Workshop Proposals

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|-------------------------------------|-------------------|
| Workshop Proposal Deadline | February 24, 2012 |
| Notification of Workshop Acceptance | March 9, 2012 |
| Workshop Final Call for Papers | March 31, 2012 |
| Workshop Date | December 10, 2012 |

Typical Workshop Dates

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|-------------------------------|--------------------|
| Paper Submission | Mid July 2012 |
| Paper Acceptance Notification | Mid September 2012 |
| Camera Ready | Late October 2012 |

Workshop Chair

Augustin Chaintreau
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Columbia University, NY, USA