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CoNEXT '14: The Tenth ACM SIGCOMM International Conference on Emerging Networking EXperiments and Technologies

December 1-5, 2014, Sydney, Australia — `conferences.sigcomm.org/co-next/2014/`

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The ACM SIGCOMM CoNEXT conference travels to another continent. It also complete a decade as one of the major forums for presentations and discussions of novel computing technologies that will shape the future of Internetworking. The goal of the conference is to foster technical interactions among members of computer and communication networks research at large through a single track program promoting their most promising works.

This new installment of the conference is proudly committed to the three values that made the conference successful for nearly ten years: *recognizing farsighted excellence*, by selectively choosing papers with substantial novelty and research contribution; *promoting a broad definition of networking research*, by welcoming submissions based on implementation and experimentation as well as theoretical analysis; *assuring authors of submitted papers a fair and thorough review process*, with sound and detailed feedback guaranteed to each submissions in proportion of its scientific merit and potential.

SCOPE: The Program Committee seeks papers presenting significant and novel research results on emerging computer and communication networks. We especially encourage submissions that present novel experimentation, creative use of networking technologies and new insights made possible using analysis or computing concepts rarely found among networking researchers. Submissions are invited on a wide range of topics, including:

- Networking aspects of mobile, wireless and ubiquitous computing
- Networking aspects of operating systems and virtualization architectures
- Network control and management, including datacenter, enterprise and SDN
- Security and privacy aspects of computer networks and protocols
- Theory and performance analysis of networking architectures and applications
- Novel application of other fields to computer networking

We are open to other contributions that stretch networking research outside of these topics, present new emerging computing trends and potentially involve unfamiliar techniques. We invite the authors to bear in mind that the main factor of interest for their work will be the implications of their results in networking. These should be clearly substantiated and explained.

SUBMISSION: This year CoNEXT welcomes submissions of **long** and **short** papers. Long papers are the more traditional and complete form to present technical work, and should be no more than 12 pages. Short papers are the preferred vehicle for contributions whose novelty and impact show the same technical excellence, and whose description fits within 6 pages. Short papers will be reviewed with a more open mind towards criticizing the scope of evaluation or broadness of topics impacted than the long papers. Note that position papers, critiques of networking research, and ideas that are not yet fully complete or evaluated are a better fit for the Hotnets workshop. We recommend that authors check both CFPs before submitting.

The selection of presentations will be based on peer-review by program committee members. In an effort to inform judgment on the selection of presented papers, especially controversial ones, the PC will organize a rolling early feedback phase. Before reviews are completed, PC members are able to request authors for clarifications, typically on assumptions made and results obtained. Authors who receive such a request may answer with a short clarification within a week, it is optional.

Up to three papers will be selected for fast-track to IEEE/ACM Transactions on Networking.

IMPORTANT DATES:

Paper registration: **June 8, 2014 (20:59 PDT)**   Full paper due: **June 15, 2014 (20:59 PDT)**
Notification of acceptance: **August 25, 2014**   Conference date: **December 1-5, 2014**