

ANCS 2009

The 5th ACM/IEEE Symposium on Architectures for Networking and Communications Systems

<http://www.ancsconf.org>

October 19-20, 2009

Princeton, New Jersey, USA

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ANCS is a systems-oriented research conference, presenting original work that explores the relationship between the architecture of modern computer networks and the architecture of the individual hardware and software elements from which these networks are built. This year's conference will particularly emphasize insight into broader systems issues in its paper selection, to recognize and foster the growth of research that lies at the intersection of computer and network systems architecture.

Areas of interest include, but are not limited to:

- System design for future network architectures
- Network architectures enabled by converged platforms
- Virtualized infrastructure architectures, rationale, and devices
- Converged router, server, and storage platforms
- Content-centric architectures, platforms, and mechanisms
- Scalable programming and application frameworks
- High performance / high function packet processing platforms
- Power- and size-optimized computer and communications platforms
- High-speed networking mechanisms and algorithms
- Network security architectures and security anchor / enhancement devices
- Single-chip platform integration
- Network measurement techniques, architectures, and devices
- Techniques and systems for large-scale data analysis
- Host-network interface issues
- Data center architectures
- Router and switch architectures

The **PAPER DEADLINE** for submissions is **June 29, 2009** at 11:59PM PST (US). ANCS will use double-blind reviewing, so submitted papers should not include the authors' names. Paper registration and submission must be done electronically through EDAS (edas.info).

Registration, including the abstract, must be completed no later than **June 22, 2009** at 11:59PM PDT (US). All papers must be submitted in PDF format on letter-size paper. Submissions must be viewable by Adobe Acrobat Reader (version 5.0 or higher) and should not exceed 10 pages in ACM/SIG conference paper format using 9 pt font, or larger. Submissions exceeding the maximum limit will not be reviewed by the program committee. Camera-ready versions of the accepted papers will be required to use the ACM SIG format (<http://www.acm.org/sigs/pubs/proceed/template.html>).

We encourage submissions containing original ideas. Like other conferences, ANCS requires that papers not be submitted simultaneously to any other conferences or publications; that submissions not be previously published; and that accepted papers not be subsequently published elsewhere.

Notification of Acceptance: **August 10, 2009**.

Contact the program chairs with any questions at ancsTPC@arl.wustl.edu.

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