

# ANCS 2006

CALL FOR PAPERS

## The 2nd ACM/IEEE Symposium on Architectures for Networking and Communications Systems

[www.ancsconf.org](http://www.ancsconf.org)

December 3-5, 2006

San Jose, California, USA

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ANCS is a research conference that focuses on the design of the hardware and software components used to create modern communication networks. The combination of increasing network line speeds and expanding functional requirements pose continuing and growing challenges for system designers. New technology elements, including network processors, content addressable memories, configurable logic and special-purpose components offer new opportunities for meeting these challenges, but also raise a variety of new issues. ANCS focuses on architectures for networking and communication in the broad sense, including novel architectures, architectural support for advanced communication, algorithms and protocols for advanced architectures, software and applications for next-generation networking architectures, and methodology and benchmarking for evaluating advanced communication architectures.

Areas of interest include, but are not limited to:

- Network/communications processors
- Intelligent co-processors
- Router architectures
- Switch fabrics/interconnection networks
- Link scheduling, processor/thread scheduling, switch scheduling
- Network adaptors
- Application-specific networks (e.g. SAN)
- Programmable /extensible networks
- Secure communication
- Traffic management
- Packet classification
- Content inspection and filtering
- Energy-efficient designs

We particularly encourage submissions containing highly original ideas. Submissions will be judged on originality, significance, interest, clarity, and correctness.

### Finance

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The **PAPER DEADLINE** for submissions is **July 24, 2006** at 11:59PM PST (US). **NO FURTHER EXTENSIONS WILL BE GRANTED.** 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](http://edas.info)). **Registration, including the abstract**, must be completed no later than **July 17, 2006** at 11:59PM PDT (US). All papers must be submitted in PDF format for letter-size paper. Submissions must be viewable by Adobe Acrobat Reader (version 5.0 or higher) and should not exceed 7,000 words or 10 pages of conference paper format using 10 pt fonts. Submissions exceeding the required 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 ([www.acm.org/sigs/pubs/proceed/template.html](http://www.acm.org/sigs/pubs/proceed/template.html)).

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.

All submissions will be acknowledged by September 22, 2006. If your submission is not acknowledged by this date, please contact the program chairs promptly at [ancsTPC@arl.wustl.edu](mailto:ancsTPC@arl.wustl.edu).

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