

The Second International Workshop on Advanced Architectures and Algorithms for Internet Delivery and Applications

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co-sponsored by  IEEE

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Call for Papers

Innovations in network-based services continue to have strong impact on our world, resulting in a huge research interest in infrastructures that supports traditional and novel applications based on Internet. Accesses to interactive and multimedia services through a large variety of Internet devices require guaranteed performance, resource availability and proximity of content to the network access points. Scalability issues pose a number of design and performance problems at any level: systems, protocols, software. There is a number of open research challenges in improving content generation, personalization and delivery.

The goal of this one-day workshop is to bring together researchers, developers, web service providers, application and network designers from academia and industry to exchange ideas about the problems they are facing and to discuss recent and innovative solutions.

Workshop Topics

Content delivery systems	Protocols for Web-based systems
P2P architectures	Reliability & high availability
Caching and replication	Performance measurement and monitoring tools
IPv6 impact	Workload analysis and characterization
Quality of service	Traffic monitoring and billing strategies
SLA-based services	Scalable and adaptive web-based system
Security	Content adaptation and transcoding
Streaming media	

Paper Submission

We encourage full papers that present well-developed research results (up to 8 pages double column, including figures and references), but also short papers that are more speculative in nature, works in progress and position papers are solicited (up to 5 pages double column, including figures and references). All paper submissions will be carefully reviewed by experts. All submissions should be sent electronically in Postscript or Adobe PDF format. All accepted papers will be published in the conference proceedings that will be available at the workshop. The proceedings will be published by the IEEE and will be available through IEEEExplore.

Electronic submission instructions are available at the workshop site. The electronic submission is available at [COCUS](http://cocus.ieee.org).

Important Dates

Extended submission deadline:	May 30, 2006
Notification of acceptance:	June 30, 2006
Camera ready due:	July 20, 2006

<http://aaa-idea.org>