



Call for Papers



AAA-IDEA 2009



The 3rd International Workshop on Advanced Architectures and Algorithms for Internet DELivery and Applications

November 26 2009, Las Palmas de Gran Canaria, The Canary Islands, Spain

<http://www.aaa-idea.org>

Sponsored by Create-Net and ICST

*In conjunction with the Sixth International ICST Conference on Heterogeneous
Networking for Quality, Reliability, Security and Robustness (QShine 2009)*

****** Submission deadline extended to July 24, 2009 ******

Overview: New applications and emerging communication technologies continue to put greater demands on the Internet infrastructure. The need for content and service delivery architectures that consider the unique challenges posed by mobile devices has emerged. Similarly, with rapid advances in broadband at home technology, there is an increased emphasis on realizing IPTV, video-on-demand, and customized content delivery. These issues pose a number of challenging design and performance problems at various levels, including systems, networks, and protocols.

This one-day workshop aims at providing a highly interactive forum where researchers, developers and practitioners from academia and industry have the opportunity to present and discuss recent research, developments and future directions regarding the design, implementation, and evaluation of Internet-based architectures and applications.

Topics of interest to the workshop include, but are not limited to:

- Architectures and protocols for content and service delivery
- Clean slate Internet architectures
- Energy-aware protocols and architectures
- Media streaming in wired and wireless systems
- Novel Web-based applications
- Online social networks and applications
- Peer-to-peer systems
- Performance measurement and monitoring tools
- QoS provisioning and management in wired and wireless systems
- Reliability and high availability
- Scalable and autonomic Web-based systems
- Security and privacy for content delivery
- Support for mobile and wireless systems
- Workload analysis and characterization

Submission Instructions: Authors are encouraged to submit full papers presenting well-developed research results. Short papers that are more speculative in nature, works-in-progress, and position papers are also solicited.

All submissions must describe original research, not published or currently under review for another workshop, conference, or journal. All submissions must be in printable PDF format and written in English. Papers must be no longer than 15 pages (9 pages for short papers) in Springer LNICST format, including all figures and references. All paper submissions will be handled electronically through the [ASSYST](#) system.

The program committee will referee all papers. The papers to be presented at the workshop will be selected on the basis of their originality, technical merit, quality of presentation, and topical relevance of their contents.

Please direct any questions about the paper submission process to the Workshop Co-Chairs (cardellini@ing.uniroma2.it, anirban.mahanti@nicta.com.au).

Publication: The proceedings will be published by Springer in the series of ICST Lecture Notes (LNICST). The authors of accepted papers must guarantee that their paper will be presented at the workshop. At least one author of each accepted paper must be registered for the workshop in order for that paper to appear in the proceedings and to be scheduled for presentation.

Workshop Co-Chairs

Valeria Cardellini
Univ. of Roma Tor Vergata, Italy
Anirban Mahanti
NICTA, Australia

Steering Committee

Imrich Chlamtac,
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Matthew Roughan
University of Adelaide, Australia
Bianca Schroeder
University of Toronto, Canada
Craig Shue
Oak Ridge National Lab, USA
Carey Williamson
University of Calgary, Canada

Important dates

Submission deadline:

July 10, 2009

July 24, 2009 (Extended)

Acceptance notification:

August 31, 2009

Camera Ready:

September 10, 2009