International Conference on
Advanced Computing, Networking and Security (Adcons-2011)
www.Adcons2011.com

December 16-18, 2011   **NITK-Surathkal, Mangalore, India**

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*Please look at website for other committees of the conference

International Conference on Advanced Computing, Networking and Security (Adcons-2011) provides an international forum for researchers, practitioners, developers, and users to explore cutting-edge ideas & results, to exchange techniques, tools & experiences on a variety of aspects of advanced computing & its applications, networking systems and security. Manuscripts unfolding mathematical models, algorithms, protocols, tools, evaluation methods, and experimental studies are solicited.

Adcons-2011 at NITK Surathkal will be a 3 day event, encompassing several tutorials, workshops, keynote talks/ invited talks, plenary sessions delivered by speakers of international repute from both academia and industry. It also provides a forum for regular oral paper sessions, short paper sessions, poster sessions, doctoral consortium, students paper presentation and competition, Industrial Presentations and Exhibits Session.

The specific topic areas of interest include, but are not limited to, the following:

Advanced Computing Track : Multi-processor and Multi-core Architectures and Algorithms, GPU Programming, Parallel & Distributed Operating Systems, Parallel & Distributed Algorithms, Agent-Based Systems, Models and Formal Verification, Compiler Technologies for High-Performance Computing, Autonomic Computing, Peer-to-peer Computing, Mobile and Ubiquitous Computing, Grids, Clouds, Clusters, Service-Oriented Computing, Networks Storage Systems, Evolutionary Methods, Image Processing, Computer Vision, Pattern Recognition, Data Mining, Databases technologies, Data Management**,** Bioinformatics, Social Network Analysis, Scalable Servers and Systems, High Performance/Scalable Storage Systems

Networking Track : Network and communication algorithms and protocols, Emerging Network Communications and Technologies, Network Control and Management, Network Performance, Analysis and Evaluation, Quality of Services (QoS), Emergency Services and Disaster Recovery of Networks and Applications, Adaptive Networking, Intelligent Networks, Wireless Networks, Sensor Networks, Ad-Hoc Networks and Mesh Networks, Internetworking Protocols and Internet Applications, Network Reliability, Security and Privacy, Next Generation Network Architectures, Innovative Networking and Applications

Security Track: Cryptography and Information Security, Security Protocols and Applications, Security Architectures, Formal methods and models for computer security, Security and mobility, Privacy and Trust, Key management and key recovery, Security for mobile computing, Software and Systems Security, Web, E-commerce, M-commerce, and E-mail security, Network Security, Database security, Secure Mobile Agents and Mobile Code, Trusted computing, Information Hiding, Stegnography, Watermarking, XML, Web Services and Cloud Security

Paper Submission Instructions

Adcons-2011 invites authors to submit original and unpublished work. Please submit full paper (10 pages maximum, CRC will be 6 pages) in Springer LNCS format. There will be short papers (CRC will be 4 pages) and poster papers (CRC will be 2 pages) presentations too, in addition to full-length paper. The manuscripts should be prepared in the style of Springer Verlag LNCS series (http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0).

All submitted papers will undergo a rigorous review process managed by the technical program committee. Authors should submit full / short papers or posters electronically (PDF files only). At least one author of each accepted paper must register, attend the conference and present the paper. **The Conference Proceedings of Adcons-2011will be published by Springer in the Lecture Notes in Computer Science(LNCS) series**. Complete paper submission instructions will be available at the conference website.

Pre-Conference Tutorials : Proposals are solicited for tutorials. Interested individuals/groups should submit a proposal by September 09, 2011 to the Tutorials Chair. The proposal (5 pages maximum) should include a brief description of the intended audience, a lecture outline, and a vita for each lecturer. For more details, please see the website.

Workshops : Proposals are solicited for workshops to be held in conjunction with the main conference. Interested individuals should submit a proposal by September 09, 2011 to the Workshops Chair. For more details, please see the website.

Students (Ph.D scholars / P.G. - Masters / U.G. - Bachelors) participation & Awards : There will be a 'Doctoral Consortium' / Ph.D. forum which will provide an ideal opportunity for doctoral students to explore their research interests / results, under the guidance of a panel of distinguished research faculty. For more details, please see the website. **Attention to the students at the Bachelors, Masters, and Ph.D. Scholars:** Adcons-2011 cordially invites your abstract submissions to the Student Paper Competition / presentation. For more details, please see the website.

Corporate/Industry participation, Sponsorship & Exhibits : Adcons-2011 invites corporate participation and sponsorship. Adcons-2011 will additionally feature an industrial presentation and exhibit session consisting of prototypes and technology artifacts. For more details, please see the website.

Registration Fees: (Tutorial + Workshop + Conference)
Registration Kit & Four meals will be included in the registration fee.

	Participant From India	Participant from SAARC Nations	Outside SAARC Nations
Full Registration	Rs. 9500	USD 300	USD 400
Student Registration	RS. 5000	USD 200	USD 300

- SARRC- South Asian Association for Regional Cooperation

IMPORTANT DATES
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Workshops/Tutorials/ Full / Short /
Poster / Student Paper & Doctoral Consortium
submission   : Starts on Aug 08, 2011
                     : Ends on Sept 24, 2011

Acceptance Notification : October 15, 2011
Registration Starts   : October 15, 2011
Camera Ready Papers : November 10, 2011
Registration ends on   : November 30, 2011
Conference dates   : December 16-18, 2011

FOR FURTHER DETAILS:

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