

THE 2007 INTERNATIONAL CONFERENCE ON NEW TECHNOLOGIES, MOBILITY AND SECURITY

NTMS'2007
Beirut - Lebanon
April 30 to May 3, 2007

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NTMS'2007 is the first International Conference on **New Technologies, Mobility and Security** that will be held from April 30 to May 3, 2007 in Beirut, Lebanon.

NTMS'2007 aims at fostering advances in the areas of *New Technologies, Wireless Networks, Mobile Computing, Ad hoc and Ambient Networks, QoS, Network Security and E-commerce*, to mention a few, and provides a dynamic forum for researchers, students and professionals to present their state-of-the-art research and development in these interesting areas. The event will be combined with tutorial sessions and workshops. Tutorials will precede the main program, aiming at the dissemination of mature knowledge and technology advances in the field. Two or more Workshops will immediately follow the main conference, offering the opportunity for a more focused exchange of ideas and presentation of on-going research relevant to selected topics. During NTMS'2007, demo areas will also be available to R&D labs and consortia to demonstrate their prototype implementations, or other prominent results.

TOPICS OF INTEREST

The research sessions will include presentations of latest research projects, papers, posters, tutorials, panels, demos, industrial track and exhibitions around, but not limited to, the following topics:

- Analysis and design of network architectures and algorithms
- Network management and traffic engineering
- Network, transport, and application-layer protocols
- Resource management, quality of service, signaling and scheduling
- Routing, switching, and addressing
- Network fault-tolerance and reliability, debugging, and troubleshooting
- Network security, vulnerability, authentication and access control
- Intrusion Detection, Prediction, and Countermeasures
- Smart Device, Identity, Privacy and Trust
- Privacy, contract agreements, and payment systems
- Public key infrastructure implementation
- Mobile code security
- Security management
- E-business and E-commerce security
- Next generation systems
- Peer-to-peer, overlay, and content distribution networks
- Optical networks and switching
- 3G , Beyond and Ambient Networks
- Wireless Personal Area Networks (Wimedia, UWB, Bluetooth, ZigBee, ...)
- Wireless Local Area Networks (Wi-Fi, ...)
- Wireless Mesh Networks
- Metropolitan Area Networks (WiMAX, IEEE 802.16e)
- Wireless Local Loop
- Ad hoc, Sensor Networks and Embedded Systems
- Ambient Networks
- Mobility management and Handover
- Medium Access Control Protocols and Scheduling Techniques for Wireless Systems
- Cross-layer network design and optimization
- Pervasive, Ubiquitous and Mobile Computing
- Agents and Middleware, Agent Computing and Agent Applications
- Context aware computing

Kablan Barbar (Lebanese University),
Lebanon
Mahmoud Doughan (Lebanese University),
Lebanon
Jose Marcos Nogueira (Federal Univ. of
Minas Gerais) , Brasil
Ahmad Nasri (American University of
Beirut), Lebanon Khaled Fouad Elsayed
(Cairo University), Egypt
Wassim Haddad (Ericsson Research),
Canada
Sung-Ming Yen (National Central
University), Taiwa
Khalidoun Al Agha, Université Paris-Sud,
France
Joe Khalife (Lebanese American Univ.),
Lebanon
Bin Zhu, Microsoft Research Asia
Seng Loke (La Trobe University), Australia

- Grid and cluster computing
- Adaptation software development
- Object-oriented techniques
- Component based software engineering
- Software verification and analysis
- Web Commerce and Services (Data models for web data, Web Searching and Querying, ..)
- XML (Query Processing and Optimization, Storage Structures and Indexing Techniques)
- Web Mining
- Web Semantic

CALL FOR TUTORIALS

Tutorial proposals should identify the intended audience and outline the scope and the depth of material to be covered. Past experience and successes of the presenter should be given explicitly and will be considered positively.

We are particularly interested in tutorials that foster knowledge exchange among the researchers present at NTMS 2007. The time allocated for the tutorial is 4 hours.

CALL FOR WORKSHOPS

Workshop proposals should provide sufficient information to evaluate the quality and importance of the topic, the goals of the workshop, and the size of the interested community. Proposals should identify one or more chairs and several other individuals willing to serve on an organizing committee and assist with publicity and reviewing. Proposals should be 2-4 pages and contain at least the following information.

- **Description:** What will the workshop be about?
- **Goals:** What do you expect will come out of the workshop?
How will the workshop change participants' understanding of the area?
- **Format:** How will the workshop sessions be scheduled? How much time will be used for discussion, panel discussions, paper presentations, invited talks, or other methods for encouraging communication and consensus? Organizers are encouraged to focus on mechanisms other than traditional paper presentations and to differentiate themselves clearly from typical conference sessions.
- **Publicity:** How do you intend to publicize the workshop?
How will you reach the most interested and appropriate participants?
- **Potential participants:** Who are potential participants in the workshop?
- **Organizers:** Please include the name, postal address, phone number, e-mail address, and webpage of each chair and each member of the organizing committee. In addition, indicate the chairs' background in the workshop area.

Tutorial and Workshops proposals should be submitted via e-mail to the conference general chair

IMPORTANT DATES

Papers are to be submitted electronically. For further details, please consult the conference web pages.

Draft papers should be submitted by November 1, 2006

Authors will receive the acceptance notification by March 1, 2007

Final papers for presentation should be sent before March 15, 2007

Tutorial Workshop (Instructor) Submission due : November 5, 2006

Deadline Notification of Tutorial & Workshop Acceptance : December 30, 2006

NTMS 2007 IS ORGANIZED BY :



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