



**International Conference on Complex Systems, November 5-6, 2012, Agadir, Morocco**

**IWMCCTS'12**

**International Workshop on**

**Mobile and Cloud Computing Technologies and Security**

Cloud computing comes into focus for IT needs as a way to increase capacity or add capabilities, on the fly, without investing in new infrastructure, training new personnel, or licensing new software. Cloud computing encompasses any subscription-based or pay-per-use service that, in real time over the Internet, extends IT's existing capabilities. Therefore, Cloud computing has gained great attention from both academia and Industry. On the other hand, Mobile Computing is dedicated to addressing the challenges in the areas of mobile computing networks, systems, algorithms and applications that support the symbiosis of mobile computers.

On the other hand, the theme of cloud security turns out to be a subject of the actuality and continues to attract interest from various actors involved in this type of network.

The Mobile Cloud Computing Technologies and Security session will address topics related to cloud and Mobile computing, including computing and data centers, the cloud network and its security, and its end-user services. The challenges facing architecture, performance, reliability, security, maintainability and the virtualization of the cloud will be included. To ensure complete coverage of the advances of the Cloud and Mobile computing, original contributions are, but not limited to, the following topics areas:

**Topics of interests include, but are not limited to:**

- Cloud /Mobile computing programming and applications
- Cloud/Mobile Technologies
- Computing and Data Centers
- Cloud Computing Services (SaaS, PaaS, IaaS, Storage as a service, etc..)
- Provisioning of Cloud/Mobile Services
- Fault-Tolerance, Reliability, Security, and Consistency Models
- Infrastructure Platform Application Integration
- Clouds' Security
- Mobile computing security
- Models for Managing Clouds (Monitoring, Control and Management) Networking
- Architectures in Cloud
- Performance Models and Evaluation
- Principals of Virtualization
- Scalability of Clouds
- Wireless & Mobile Network Management and Service Infrastructure
- Distributed Systems Aspects of Mobile Computing

- Integration and Interworking of Wired and Wireless Networks Mobility and Location Management

### **Technical Program Committee:**

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### **Organizing Committee:**

- Chair: Mohamed Essaaidi, ENSIAS, Rabat, Morocco
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- Mohamed Nemiche, Ibn Zohr University, Agadir, Morocco
- Abdellatif El Afia, ENSIAS, Morocco
- Tayeb Sadiki, IUR, Rabat, Morocco

### **Paper submissions:**

In the framework of this workshop, prospective authors are invited to submit their paper. The papers must describe original results on the proposed topics for consideration by the Technical Program Committee. Papers should be submitted in a PDF format to the email address of the workshop. Fax submissions cannot be accepted. All electronic submissions will be acknowledged. All accepted papers will be published in the conference proceedings. Selected papers from those presented in this workshop will be also published in the IEEE Digital Library and in special issues of international journals.

**Contact:**

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***IWMCCTS'12 important dates :***

- **Submission deadline:**  
~~June 30<sup>th</sup> 2012~~ **extended to August 12<sup>th</sup> 2012**
- **Notification to authors:**  
~~July 30<sup>th</sup> 2012~~ **extended to September 10<sup>th</sup> 2012**
- **Final version due:**  
September 28<sup>th</sup> 2012
- **Workshop:**  
November 5-6, 2012