DMSS 2015

THE IEEE INTERNATIONAL WORKSHOP ON
Distributed Mobile Systems & Services

In conjunction with the Symposium on Computers and Communications

July 6, 2015 – Larnaca, Cyprus

CALL FOR PAPERS

The sophistication of today's mobile applications and services demands resources beyond the capacity of mobile devices to support advanced functionality and offer better user experience. Mobile distributed computing has emerged as a discipline of distributed systems research and practice towards support for mobility and limited resources. Recently, Mobile Cloud Computing (MCC) promises to augment the capability of mobile devices through provisioning of computational resources on demand. MCC enables resource-constrained mobile devices to offload some or all of their processing and storage requirements to the cloud infrastructure. The continuous revolution in wireless communication technologies also unleashes the full potential of mobile distributed systems, where data transfer and communications between mobile devices and supporting computing infrastructures are increasingly improving.

The DMSS workshop is intended to create a platform for researchers, developers, and practitioners in current mobile cloud computing from academia, industry, and service providers to share and discuss their ideas, experiences, challenges, and practical implementations related to MCC technologies and mobile services. We encourage papers that address current challenges and propose novel research directions. Both position and work-in-progress papers are welcomed.

Topics of interest include, but are not limited to:

Distributed mobile applications	Ubiquitous and pervasive services
Mobile cloud architectures	User experience and interface design
Offloading strategies and techniques	Privacy and security protections
Crowdsensing and crowdsourcing approaches	Virtualization and programming infrastructure
Quality of information and management in crowdsensing	Energy and resource optimization in mobile systems
Location-based mobile cloud services and applications	Context-aware architectures in distributed mobile systems
Software architecture and design of mobile services	MCC-based social networking and communications
Performance evaluation of MCC techniques and models	Applications of vehicular networks, V2V and V2I communications
Reliability, availability, and scalability in distributed mobile systems	

Submission guidelines

Papers must present original work and should not be currently under review by any other conference or journal. Papers should be written in English and not exceed 7 pages in the IEEE proceedings style including all figures, tables and references, and must be submitted by March 30, 2015 using EDAS (http://edas.info/N19539). Accepted papers up to 6 pages will be published with no additional charge. To submit a paper, please follow the instructions on the Workshop web site. The Workshop Proceedings will be part of the ISCC 2015 Proceedings and will be available on IEEE Xplore (http://ieeexplore.ieee.org).

Program Co-Chairs

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IMPORTANT DATES
Research papers due:
March 30, 2014
Notification of acceptance:
April 15, 2015
Camera-ready papers due:
April 20, 2014
Workshop date:
July 6, 2015

If you have any question or queries on DMSS 2015, please send email to the program chairs.