

ACM SIGCOMM WORKSHOP
Mobile Cloud Computing (MCC)
Helsinki, Finland, August 17, 2012

Call for Papers

Today the Internet Web Service is the main way we access any kind of information from fixed or mobile terminals. Some of the information is stored in the Internet Cloud, where computing, communication, and storage services are main services provided for Internet users. In a non-distant future many of our queries will be beyond current Internet scope and will be about the people, the physical environments that surround us, and virtual environments that we will be involved. Having witnessed the phenomenal burst of research in cloud computing, Mobile Cloud Computing (MCC) is to extend cloud computing functions, services and results to the world of future mobile applications. MCC will address issues that current Internet Clouds or Mobile Computing Technologies alone cannot effectively or efficiently address.

The MCC workshop is intended to bring together researchers, developers, and practitioners in current mobile computing and cloud computing from academia, industry, and service providers, to share ideas, experiences, and practical implementations related to new MCC technologies and applications. Both position and working-in-progress papers are encouraged. Workshop participants will discuss emerging and future trends in research and application that integrate the cloud computing paradigm into mobile devices, mobile applications, security and privacy, and mobile services, evaluating the impact of mobile applications on cloud computing techniques. To that end, papers are solicited from all MCC related areas involving the interactions or integrations of mobile techniques and cloud computing solutions, including, but not limited to the following topics.

Topics

- MCC service architecture and designs
- MCC data and storage architecture
- MCC performance evaluation and measurement of MCC services and applications
- MCC software development platform and enabled new applications
- MCC service platform and Quality of Experience (QoE) studies
- MCC content/context-based sensing, routing, and networking
- MCC enabled individual and collective sensing and applications (e.g., in the application domains such as environment, energy, transportation, smart grid, healthcare, etc.)
- MCC security and privacy protection related research issues
- MCC data and information management for MCC service providers and end users
- MCC supported social media and networks, virtual community and virtual humans
- MCC supported multimedia services, advertisements, games, and entertainments
- Virtualization and programmable infrastructure for MCC

Submissions

All submissions must be original work not under review at any other workshop, conference, or journal. The workshop will accept papers describing completed work as well as work-in-progress, so long as the promise of the approach is demonstrated. Radical ideas, potentially of a controversial nature, are strongly encouraged. Submissions must be no greater than 6 pages in length and must be a pdf file. Reviews will be single-blind: authors name and affiliation should be included in the submission. Submissions must follow the formatting guidelines at <http://conferences.sigcomm.org/sigcomm/2012/>.

Important Dates:

Paper Registration	March 19, 2012
Paper Submission	March 26, 2012
Author Notification	May 7, 2012
Camera Ready	May 28, 2012
Workshop	August 17, 2012

Program Committee:

TPC Co-Chairs:

Mario Gerla, University of California Los Angeles

Dijiang Huang, Arizona State University

Committee Members:

Nath Badri	Rutgers, USA
Paolo Bellavista	DEIS University of Bologna, Italy
Samia Bouzeffrane	CNAM, France
Andrew T. Campbell	Rutgers, USA
Marco Conti	IIT-CNR, Italy
Christophe Diot	Technicolor, France
Falko Dressler	University of Innsbruck, Austria
Serge Fdida	Paris VI, France
Jeffrey R. Foerster	Intel, USA
Silvia Giordano	University of Lugano, Switzerland
Robert Greens	ASU, USA
Myong Kang	Naval Research Lab, USA
Andreas Kessler	Karlstad University, Sweden
Robin Kravets	UIUC, USA
Jeongkeun Lee	HP Lab, USA
G�rard Le Lann	INRIA Paris, France
Liviu Lftode	Rutgers, USA
Huan Liu	ASU, USA
Songwu Lu	UCLA, USA
Gregorio Martinez	University of Murcia, Spain
Peng Ning	NCSU, USA
Giovanni Pau	UCLA, USA
Guy Pujolle	Paris VI, France
Marco Rocchetti	University of Bologna, Italy
James C. Ramming	Intel, USA
Kishor S. Trivedi	Duke, USA
Cliff Wang	Army Research Office, USA
Lixia Zhang	UCLA, USA
Haojin Zhu	Shanghai JiaoTong University, China