

-- FIRST CALL FOR PAPERS --

TAMoCo'14 - Techniques and Applications for Mobile Communications & Commerce

<http://fedcsis.org/tamoco>

as part of

Federated Conference on Computer Science and Information Systems (FedCSIS'14)

Warsaw, Poland, September 7-10, 2014

CONFERENCE BACKGROUND AND GOALS

Mobile technology became one of the most vibrant and stimulating areas driving forward the ICT society of the 21st century. Mobile communication networks have evolved into the new delivery platform and services consumption models for many industries and government organizations worldwide.

Mobile devices, such as smart phones or tablets, open the door to a great assortment of new applications and services. This may also include new types of specific application settings such as medical environments, support for disabled people, industrial workspaces, process monitoring, automatics and diagnostics or measurement activities in remote and distributed environments. Location, other context information and personal data are used to tailor services directly to the needs of the user. This leads to pervasive environments in which users can always access the Internet. While this seems to be an exciting development it also raises substantial security and privacy concerns which need to be properly addressed.

Mobile Commerce (M-Commerce) comprises applications and services that are accessible from Internet-enabled mobile devices. It involves new technologies, services, and business models. Whilst it is different from traditional e-Commerce it can also be considered as an extension of it since, among other reasons, it makes e-Commerce available, in a modern way, to new application areas and to a new set of customers.

The goal of TAMoCo is to bring together researchers and practitioners that work in different aspects of mobile communications and services in the context of business and industrial applications. This includes the incorporation of web services and cloud-based services, autonomic mobile computing, and the integration and interplay with urban systems, industrial settings, medical environments and other contexts. Research contributions in application areas such as mobile learning, human centered design, support of disabled people, ubiquitous computing and extended enterprise are also welcome in TAMoCo'14. Finally, security is perhaps the most important factor for the success of mobile communications, commerce and mobile applications.

TOPICS OF INTEREST

TAMoCo14 conference welcomes submissions of original papers concerning all aspects of mobile commerce and communication ranging from concepts and theoretical developments to advanced technologies and innovative applications. **Topics of interest include, but are not limited to:**

- Mobile communications
- Mobile applications, services and platforms
- Mobile Cloud Computing
- Mobile Social Networking
- Tools, technologies, platforms and infrastructure for mobile networks and applications
- Concepts and methods for evaluating problems and the usefulness of mobile technologies
- Maintenance and management of distributed, remote sensing systems in industrial workspaces
- Autonomic middleware for mobile computing
- Mobile learning theories, games and simulation
- Analysis and Design of mobile web-service based applications
- Enabling technologies for ubiquitous systems (mobility, interconnectivity, pervasiveness as well as personal and body area handheld devices examples)
- Governance models of mobile computation
- User experience, user interface design and user studies for mobile devices and systems
- Human factors and user centered design in mobile technology applications

- Collaborative, cooperative and contextual mobile learning
- Pedagogical and social issues as well as cultural and regional differences in mobile learning
- Integration of mobile solutions in urban infrastructure
- Measurement, control, and evaluation of urban infrastructure by mobile solutions
- Mobile marketing
- Mobile devices and technologies for disabled people
- Threats to mobile security and countermeasures
- Security and privacy in mobile systems
- Mobile malware and platform security

PAPER SUBMISSION, PUBLICATION AND INDEXATION

- Authors should submit full papers (as Postscript, PDF, MSWord, or ODF file). Submitted papers must be unpublished and not under review in any other conference or journal (submissions that violate this requirement will be regarded as self-plagiarism).
- The total length of a paper must not exceed 8 pages IEEE style (including tables, figures and references). IEEE style templates are available here.
- Papers will be refereed, by the members of the Technical Program Committee, and accepted on the basis of their scientific merit and relevance to the conference. Only papers presented at the conference will be included in the IEEE Xplore® database and submitted for indexation.
- Proceedings of the TAMoCo'14 conference will be published as part of the proceedings of the FedCSIS 2014 conference, which will be indexed in the Thomson Reuters - Conference Proceedings Citation Index..
- Furthermore, FedCSIS'14 proceedings will be submitted for indexation to: DBLP Computer Science Bibliography, Inspec, Scirus, and other repositories.
- Extended versions of selected papers presented during the conference may be published as Special Issue(s) of journal(s) to be announced later.

IMPORTANT DATES

- Paper submission: April 11, 2014
- Author notification: May 19, 2014
- Final version of paper submission: June 17, 2014
- Conference date: September 7-10, 2014

PC CHAIRS

Ejub Kajan, State University of Novi Pazar, Serbia (*Main Chair*)
 Andrzej Romanowski, Lodz University of Technology, Poland
 Tarek Gaber, Suez Canal University, Egypt
 Wojciech Mazurczyk, Warsaw University of Technology, Poland
 Sebti Fougou, Qatar University, Qatar

kajane@acm.org
 androm@kis.p.lodz.pl
 tmgaber@gmail.com
 wm@tele.pw.edu.pl
 sfougou@qu.edu.qa

STEERING COMMITTEE

Cherif Branki, Consultant, UK
 Guadalupe Ortiz Bellot, University of Cádiz, Spain
 Hanno Hildmann, NEC, Germany
 Rainer Unland, University of Duisburg-Essen, Germany