CALL FOR PAPERS

ACM/Springer Mobile Networks and Applications (MONET)

Special Issue on
Recent Advances on Telematics Engineering

Overview

Telematics engineering addresses the emerging symbiosis between computers, in its most general acceptation, and data networks, focusing on the convergence of networking, computing and information organization, access and management. Recent advances in telematics engineering have dramatically changed our daily life, completely transforming the way technologies, applications and services are being developed, accessed and used. However, telematics engineering is continuously facing many new challenges such as the management of novel technologies and techniques, most notably on the mobile networking realm (virtualization, software defined networking, energy efficiency, densification and offloading, just to name a few). The need to address them is spurring this area of research and the goal of this special issue is to report on cutting-edge research achievements covering those aspects of telematics engineering, with special emphasis on the topics that are enumerated below.

The Special Issue will invite the best papers presented at the forthcoming Jornadas de Ingeniería Telemática (JITEL), which is the bi-annual Spanish Telematics association conference, but will as well accept papers coming from the open call.

Topics

This special issue of the journal ACM/Springer Mobile Network and Applications solicits high quality technical contributions on Recent Advances on Telematics Engineering including, but not limited to:

- Future network architectures, including 5G networks and wireless local area networks
- Cross-layer design for fixed/mobile networks
- Resource management in fixed/mobile networks
- Vehicular networks
- Sensor networks
- Cognitive networking and techniques
- Software defined networking
- Network virtualization
- Cloud networking, protocols and services
- Energy efficiency in fixed/mobile communication networks
- Recent advances on application and services in Telematics Engineering
- Network, application and service management
- Security in fixed/mobile networks, applications and services

- Communication protocols and algorithms

Important Dates
- Manuscript submission deadline: 15/11/2015
- Notification of acceptance: 15/1/2016
- Submission of final revised paper: 15/2/2016
- Publication of special issue (tentative): 2nd / 3rd Quarter 2016

Submission Procedure

Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through the Editorial Manager system at http://www.editorialmanager.com/mone/.
Authors need to register to submit their papers.

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