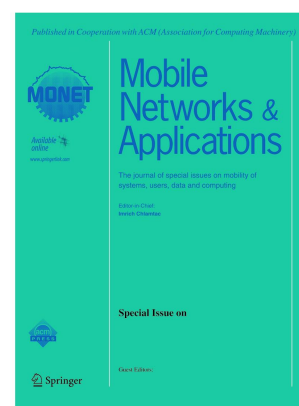


ACM Springer Mobile Networks and Applications (MONET) Journal Special Issue on Future Internet for Green and Pervasive Media

The promise of a truly pervasive experience is to have the freedom to roam around anywhere and not be bound to a single location. However, the energy required to keep mobile devices connected to the network over extended periods of time quickly dissipates. In fact energy is a critical resource in the design of wireless networks, since wireless devices are usually powered by batteries and power consumption represents a major component of the operator's network operational cost. There is added momentum for green radio to globally reduce the electromagnetic radiation levels to have a better coexistence of wireless system (less interference) as well as a reduced human exposure to radiation leading to the so called Green Wireless technologies. Hence, there is a clear need for disruptive strategies to address all aspects of power efficiency from the user devices through to the core infrastructure of the network and how these devices and equipment interact with each other. This special issue envisions contributions including different aspects on Future Internet for Green and Pervasive Media. Some relevant topics include:

- o Energy Efficient Radio Resource Management and Routing
- o Cooperative Communications
- o Cognitive Networks
- o QoE Multimedia for Future Internet
- o P2P Multimedia for autonomic wireless infrastructures.
- o Network Coding
- o Internet of things
- o Cross-layer and cross-System optimization strategies for wireless multimedia
- o Short-Range Communications
- o Resource and Mobility Management in Cooperative Network.
- o Dynamic Resource Management and bandwidth assignment for multimedia in heterogeneous wireless networks.
- o IMS for multimedia services in next generation networks.
- o 3D Video Coding
- o Context-aware networks and network-aware content



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Submission Procedure:

Authors should follow the MONET Journal manuscript format described below at the journal site: <http://www.springerlink.com/content/101750/>. Manuscripts should be submitted on line through <http://www.editorialmanager.com/mone/>. A copy of the manuscript should also be emailed to the guest editors to the following emails: jonathan@av.it.pt and cveri@cttc.es.

This special issue additionally collects best papers from the "6th International Mobile Multimedia Communications Conference 2010" to be held in Lisbon, Portugal on 6-9 September, 2010.