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**The Fifth International Conference on
Advances in Mesh Networks
MESH 2012
August 19-24, 2012 - Rome, Italy**
http://www.iaria.org/conferences12/MESH12.html

Important deadlines:

Submission deadline   April 5, 2012
Notification   May 23, 2012
Registration   June 7, 2012
Camera ready   June 7, 2012

Topics:

Architectures and algorithms Frameworks

Wireless interference models; Topology models; Large-scale networks; Real-time and non-real-time communications; Channel assignment schemes; Resource allocation; Centralized and distributed scheduling; Performance; Static/mobile scenarios; Access control; Service differentiation; Security, Privacy, and Trust

Protocols

Protocol interference models; Access and routing protocols; Single-channel multihop / multi-channel routing; Joint routing and scheduling; Routing metrics; Multichannel routing; Quality of Services routing; Multimedia-centric routing; Fast-link quality metrics; Bandwidth estimation; Cross-layer multicast routing; QoS-based access protocols for mesh networks; Multi-channel access protocols

Applications

Multimedia services; Home IPTV; WiMax; Broadband home networking communications; Emergency/disaster; Telemedicine and e-health; Smart buildings; Broadband Internet access