NETWORKING 2011

9-13 May 2011
Valencia, Spain
http://www.networking2011.org

CALL FOR PAPERS

Networking 2011 is the 10th event of the series of International Conferences on Networking, sponsored by the IFIP Technical Committee on Communication Systems (TC6). The main objectives of Networking 2011 are to bring together members of the networking community from both academia and industry, to discuss recent advances in the broad and fast-evolving field of computer and communication networks, and to highlight key issues, identify trends and develop visions.

The accepted papers will appear in the conference proceedings published by **Springer,**
in the **Lecture Notes of Computer Science (LNCS) series**.

The technical sessions will refer to four main areas:

Applications and Services
web architectures and protocols, middleware support for networking, quality of experience, pricing and billing, authentication, security, trust and privacy, anomaly detection, DoS detection and remediation, content distribution, real time (live) content distribution, online social networks, networking aspects in cloud services

Next Generation Internet
peer-to-peer networks, virtual and overlay networks, network management and traffic engineering, internet of things, addressing and routing architectures, evolution of IP network architecture and protocols, green networking (energy and power management), performance measurement, monitoring and traffic analysis, resilient networks (fault tolerance, recovery, self*), cross-layer design and optimization, mobility (user, device, service, network), content-centric networks, broadband access technologies, resource allocation, switching and routing

Wireless and Sensor Networks
ad hoc networks, mobile networks, sensor networks, mesh networks, delay/disruption tolerant networks, opportunistic networks, embedded systems, RFID-based systems

Network Science
topology characterization and inference, robustness and vulnerabilities of network infrastructures, emergence properties of real networks, dynamic peer-to-peer network topologies, epidemic spread models, tools and techniques to design and analyze networks, inference and analysis of social networks, community detection and modularity optimization, game theoretic approaches to communications and networks

Important Dates:
Abstract due: November 26, 2010
Full Paper Submission: December 10, 2010

Acceptance Notification: January 31, 2011
Camera ready due: February 15, 2011

Extended versions of selected papers will be considered for possible fast track publication in the Computer Communications Journal (Elsevier)

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