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**18th International Conference on Software,
Telecommunications and Computer Networks**
experience a different conference
SoftCOM 2010

**Split – Adriatic Islands, Croatia
September 23 – 25, 2010**

Symposium on:

GREEN NETWORKING

Symposium Co - Chairs: Antonio Capone and Josip Lorincz
Politecnico di Milano - DEI, Italy. University of Split - FESB, Croatia (jlorinc@fesb.hr)

Call for Papers

Symposium on "Green Networking" in the frame of the 18th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2010), technically co-sponsored by the IEEE Communication Society (ComSoc), will be held September 23-25, 2010.

The amount of power consumed by ICT is rapidly increasing. According to a number of studies, ICT alone is responsible for a percentage which varies from 2% to 10% of the world power consumption, due to the ever increasing diffusion of electronic devices. Communication networks, including the Internet and wireless networks, represent a non negligible part of the energy consumption of ICT.

In the very last years, energy saving techniques are being considered for networking devices exploiting new algorithms and protocols for adapting the network to the varying traffic load. The Symposium on "Green Networking" aims to serve as a platform for researchers and visionaries from academia, research labs, and industry from all over the world. Sharing ideas, views, results, and experiences in the field of green wired and wireless networking is what "Green Networking" Symposium intends to be about. Anything from theoretical and experimental achievements, to innovative design and management approaches, prototyping efforts, and case studies is of interest. Topics of interest include, but are not limited to the following:

- Power consumption models of networking infrastructure
- Power measurements and data from empirical studies of communication networks
- Techniques for reducing power consumption in data centers
- Hardware and architectural support for reducing power consumption
- Energy efficient network management
- Green network design
- Applications of green networking technologies and principles
- Cross-layer optimizations for reducing energy consumption
- Optimization of energy consumption in optical networks
- Energy-efficient protocols and protocol extensions
- Energy-efficient transmission technologies
- Energy-efficient technologies for networking devices
- Green wireless access networks
- Green wired access network
- Green future Internet
- Energy cost models for network operators

IMPORTANT DATES

Complete manuscript due	June 1, 2010
Notification of acceptance	July 15, 2010
Camera-ready manuscript	Sept. 1, 2010

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More information about the Conference including details on the submission process and authors kit is available on the website:

<http://www.fesb.hr/SoftCOM>

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