7th SYMPOSIUM ON:
GREEN NETWORKING & COMPUTING (SGNC 2016)
Symposium Co - Chairs:
Antonio Capone and Josip Lorincz

Politecnico di Milano – DEIB, Italy (capone@elet.polimi.it) / University of Split – FESB, Croatia (jlerinc@fesb.hr)

Call for Papers

The 7th Symposium on "Green Networking and Computing" (SGNC 2016) will be held in the frame of the 24th International Conference on Software, Telecommunications, and Computer Networks (*SoftCOM 2016*). Since 2010, the Symposium is organised in the frame of the *SoftCOM* conference which will take place on September 22-24, 2016 in the attractive ambience of the Croatian side of Adriatic coast. In the frame of Symposium, the seventh Special Session on green networking, invited talks, tutorials and business forum will be organized. Conference is technically co-sponsored by the IEEE Communication Society (*ComSoc*) and the Symposium is organized in cooperation with the IEEE Technical Committee on Green Communications and Computing (TCGCC).

The topic of "green networking" is attracting growing attention for economic, energetic, and environmental reasons. The rapidly increasing amount of power consumed by ICT, as well as the energy bills of service providers, contributes to the economic reasons. According to a number of studies, ICT alone is responsible for between 2 and 10% of 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 addition, the carbon footprint of ICT devices due to energy consumption and the activities related to their entire lifecycle contributes to global warming.

In the very last years, energy-saving techniques are being considered for communication networks with new generation devices and network management approaches exploiting algorithms and protocols for adapting the network to the varying traffic load. The Symposium on "Green Networking and Computing" 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 the "Green Networking and Computing" Symposium is intended 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 peer-to-peer networking and overlays
- Energy-efficient cloud computing
- Green wireless access networks
- Green wired access networks
- Green future Internet
- Energy cost models for network operators
- Energy-efficient sensor networks
- Renewable energy sources for wired and wireless access networks
- Antenna design and transmission technologies for reducing energy consumption

Web link for paper submission in EDAS system (please select for submission SoftCOM 2016 - Symposium on Green Networking): https://edas.info/newPaper.php?c=22577
Accepted and presented papers will be published in the conference proceedings, and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

IMPORTANT DATES
Complete manuscript due:	June 15, 2016
Notification of acceptance:	July 15, 2016
Camera-ready manuscript:	September 1, 2016

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

http://www.fesb.hr/SoftCOM
Symposium contact person: Josip Lorincz, University of Split, Croatia (josip.lerinc@fesb.hr)
SoftCOM conference contact: softcom@fesb.hr

Technically-cosponsored by:

IEEE
Advancing Technology for Humanity

IEEE COMMUNICATIONS SOCIETY

SEIS

cro acm
Hrvatska ACM sekcija

In cooperation with:

GCC
IEEE Technical Committee on Green Communications & Computing
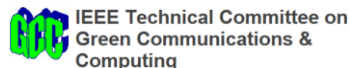
International Symposium Committee

Symposium co-chairs:
Antonio Capone
Politecnico di Milano, Italy
and
Josip Lorincz
University of Split, Croatia

Committee members:

Marco Ajmone Marsan, Institute IMDEA Networks, Spain

Ulrich Barth, Alcatel-Lucent/ Bell Labs, Germany

Luca Chiaraviglio, Università di Roma "Sapienza", Italy

Ken Christensen, University of South Florida, USA

Marco Conti, Institute for Informatics and Telematics, Italy

Lingjia Liu, University of Kansas, USA

Mario Pickavet, Ghent University, Belgium

Michela Meo, Politecnico di Torino, Italy

Haijun Zhang, University of British Columbia, Canada

Honggang Zhang, Zhejiang University, China

Jinsong Wu, Universidad de Chile, Chile