20th International Conference on Software, telecommunications and Computer Networks
SoftCOM 2012

September 11 – 13, 2012
Split – Adriatic coast, Croatia

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Symposium on

ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

Call for Papers

The rapid growth of the telecommunication industry has resulted in an increasing number of various transmitting installations, (particularly GSM and UMTS), and the related influence on human health has recently become a very hot and controversial issue.

While the message or data-handling processes and computational capabilities are necessary aspects of the mobile and wireless communication systems, the intensity and form of transmitted electromagnetic energy is of the great interest to biological researchers.

The aims of the Symposium are not only related to the modeling of natural electromagnetic interference (EMI) sources, such as lightning, and analysis and design of the protection systems (LPS), but also to the optimisation of the radiation sources design by taking into account the safety aspects regarding both the human health and the quality of services (QoS).

We cordially invite speakers to present their original contributions in the area of EMC. The topics of interest include, but are not limited to:

* Sources of Electromagnetic Interference
* Antennas for Mobile Communications
* Shields for Mobile Units and other Protective Measures
* Lightning
* Grounding
* Electromagnetic Field Dosimetry
* Propagation Through Biological Media
* Biological Effects of Electromagnetic Fields
* Electromagnetic Stimulation of Human Tissue
* Electromagnetic Modeling of Human Body
* Electromagnetic Interference with Medical Devices
* Advanced Numerical Modeling
* Regulatory Activities and Safety Trends

Authors of the selected papers will be invited to submit an extended and revised version of their manuscripts for possible publication in a special issue of the Journal of Communications Software and Systems (JCOMSS).

JOURNAL OF COMMUNICATIONS SOFTWARE AND SYSTEMS
www.ccis.hr/jcomss

IMPORTANT DATES

Complete manuscript due	June 01, 2012
Notification of acceptance	July 15, 2012
Camera-ready manuscript	Sept. 01, 2012

More information about the Symposium including details on the submission process and authors kit will be available on the website:

http://www.fesb.hr/SoftCOM

SoftCOM Secretary: Josko Radic, University of Split, Croatia (softcom@fesb.hr)