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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:

ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

Symposium Co - Chairs: Dragan Poljak and Vesna Roje
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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 capability are necessary aspects of 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 lightning protection systems (LPS), but also to the optimisation of the radiation sources design by taking into account the safety aspects regarding human health and quality of services (QoS).

- 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 the 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).

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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