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## Symposium on: ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

**Symposium Co-chairs:** Dragan Poljak, Vesna Roje  
University of Split, Croatia ([dpoljak@fesb.hr](mailto:dpoljak@fesb.hr), [vroje@fesb.hr](mailto:vroje@fesb.hr))

### Call for Papers

Symposium on "Environmental Electromagnetic Compatibility" in the frame of the 22<sup>nd</sup> International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2014), will be held in Split on September 17-19, 2014.

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 optimization of the radiation sources design by taking into account the safety aspects regarding both the human health and the quality of services (QoS).

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

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

#### IMPORTANT DATES

Complete manuscript due	June 01, 2014
Notification of acceptance	July 15, 2014
Camera-ready manuscript	Sept. 1, 2014

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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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