Technically co-sponsored by:

IEEE
Advancing Technology for Humanity

IEEE COMMUNICATIONS SOCIETY

Symposium on: ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

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

Call for Papers

Symposium on "Environmental Electromagnetic Compatibility" in the frame of the 24th International Conference on Software, Telecommunications and Computer Networks (*SoftCOM 2016*), technically co-sponsored by the IEEE Communications Society (ComSoc), will be held in Split, September 22-24, 2016.

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 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*
- *IoT (Internet of Things) Antenna Design*
  Ground Penetrating Radar
- *Lightning*
- *Grounding*
- *Magnetohydrodynamics*
- *Electromagnetic Field and Thermal Dosimetry*
- *Biological Effects of Electromagnetic Fields*
- *Electromagnetic Stimulation of Human Tissue*
- *Biomedical Application of Electromagnetic Fields*
- *Advanced Numerical Modeling*
- *Deterministic-stochastic Approaches*

IMPORTANT DATES

Complete manuscript due	June 1, 2016
Notification of acceptance	July 15, 2016
Camera-ready manuscript	Sept. 1, 2016

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

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

http://www.fesb.hr/SoftCOM

Conference Secretary: *Petar Solic, University of Split, Croatia (softcom@fesb.hr)*

International Symposium Committee

Chairs
Dragan Poljak, Vesna Roje
University of Split, Croatia

Juraj Bartolic,
University of Zagreb, Croatia
Hartmut Brauer,
University of Ilmenau, Germany
Flavio Canavero,
Politecnico di Torino, Italy
Christos Christopulos
University of Nottingham, UK
Elya Joffe,
KTM. Project Engineering, Izrael
Khalil El Khamlichi Drissi,
Polytech Clermont-Ferrand, France
David Larrabee,
University of Pennsylvania, USA
Francesco Latarullo,
Politecnico di Bari, Italy
Frank Leferink,
University of Twente, Netherlands
Andy Marvin
University of York, UK
Borivoj Modlic,
University of Zagreb, Croatia
Andres Peratta,
Wessex Institute of Technology, UK
Farhad Rachidi,
Swiss Federal Institute of Technology, Switzerland
Antonio Sarolic,
University of Split, Croatia
Sergey Tkatchenko,
Otto-von.Guer University of Magdeburg, Germany