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Symposium on: ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

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Call for Papers

Symposium on "Environmental Electromagnetic Compatibility" in the frame of the 26th International Conference on Software, Telecommunications and Computer Networks (*SoftCOM 2018*), technically co-sponsored by the IEEE Communications Society (ComSoc), will be held in Split – Supetar (Island of Brac) on September 13-15, 2018.

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 and investigating EMC aspects of new technologies such as IoT antenna design.

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:

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

IMPORTANT DATES

Complete manuscript due	May 21, 2018
Notification of acceptance	July 3, 2018
Camera-ready manuscript	July 23, 2018

JOURNAL OF COMMUNICATIONS SOFTWARE AND SYSTEMS
http://jcomss.fesb.unist.hr

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

http://softcom2018.fesb.hr

Conference Administrator *Katarina Rados, University of Split, Croatia (softcom@fesb.hr)*

International Symposium Committee