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21-23 September 2023 // Split, Croatia

Symposium on: ENVIRONMENTAL ELECTROMAGNETIC COMPATIBILITY (EEMC)

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Call for Papers

Symposium on "Environmental Electromagnetic Compatibility" in the frame of the 31st International Conference on Software, Telecommunications and Computer Networks (*SoftCOM 2023*), co-organized by the University of Split, FESB and Croatian Communications and Information Society (CCIS), and technically co-sponsored by the IEEE Communications Society (ComSoc), on September 21 - 23, 2023 in Split, Croatia.

The rapid growth of the telecommunication industry has resulted in an increasing number of various transmitting installations, such as GSM, LTE 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 and environmental aspects of new technologies such as IoT antenna design, electric vehicles, Wireless Power Transfer (WPT) or 5G systems dosimetry.

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*
- *EMC of Electric Vehicles*
- *Ground Penetrating Radar (GPR)*
- *Wireless Power Transfer (WPT)*
- *Lightning and Grounding*
- *Bioelectromagnetics*
- *Electromagnetic Thermal-Dosimetry*

IMPORTANT DATES

Final manuscript due	**May 1, 2023**
Notification of acceptance	**June 15, 2023**
Camera-ready manuscript	**July 1, 2023**

JOURNAL OF COMMUNICATIONS SOFTWARE AND SYSTEMS
https://jcoms.fesb.unist.hr/

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

https://2023.softcom.fesb.unist.hr/

Conference Operation Support: *Katarina Radoš, University of Split, Croatia (softcom@fesb.hr)*