

# ICECom 2010

# First Call for Papers

20<sup>th</sup> International Conference on Applied Electromagnetics and Communications

20 – 22 September 2010

Dubrovnik, CROATIA

[www.rc.fer.hr/icecom](http://www.rc.fer.hr/icecom)

The 20<sup>th</sup> International Conference on Applied Electromagnetics and Communications (ICECom 2010) will be held in Dubrovnik, Croatia, 20-22 September 2010 in the Centre for Advanced Academic Studies.

The conference is organized by the IEEE Croatia Section, IEEE AP/MTT Croatia Joint Chapter, KoREMA (Croatian Society for Communications, Computing, Electronics, Measurement and Control), University of Zagreb, Faculty of Electrical Engineering and Computing and University of Dubrovnik with technical co-sponsorship from IEEE Region 8\* and EurAAP\*.

The scope of this biannual conference focuses on advancements and innovations in electromagnetics and communication technology. Invited are papers on the conference topics that will foster interactions among researchers and practitioners from academia and industry in antennas and propagation, microwaves, wireless and optical communications, and other related fields.

\* Approval pending

## Conference topics:

1. Antenna Theory and Techniques
2. Active and Smart Antennas and Phased Arrays
3. Small, Multiband and Fractal Antennas
4. Electromagnetic Fields and Guided Waves
5. Microwave and RF Devices and Circuits
6. Metamaterials and EBG Structures
7. Light-Wave Technology and Fiber Optics
8. Terahertz Technology and Applications
9. Computational and Numerical Techniques
10. RFID and Wireless Positioning
11. Radar and Remote Sensing
12. Radionavigation and Location-based Services
13. Ultra Wideband Systems
14. Indoor and Outdoor Propagation Modeling
15. Mobile and Personal Communication Systems
16. Multipath Characterization and MIMO Systems
17. High-Speed Networks (LAN-s, WAN-s, Optical)
18. Signal and Image Processing
19. Biomedical and Industrial Applications
20. Electromagnetic Compatibility and EMI
21. Education in Electromagnetics and Comm's
22. Other related topics

**Submission Guidelines.** The language of the Conference is English. The papers are submitted in their **final form** and are limited to **four A4 pages** including text, references and figures. Detailed paper **submission guidelines** and **paper sample** are available at [www.rc.fer.hr/icecom](http://www.rc.fer.hr/icecom). Papers are submitted in electronic form as single file in pdf (Adobe) format by e-mail to: [icecom2010@fer.hr](mailto:icecom2010@fer.hr).

**Venue.** Dubrovnik is situated on the Adriatic coast in southern Croatia and it is famous tourist resort. It has preserved the beauty of a medieval town, and its outstanding cultural and historical monuments have earned it a place on UNESCO's World Heritage List. It has mild Mediterranean climate with 250 sunny days a year. It can be reached by plane, bus, ship, or ferry.

## Contact and Information.

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## Important dates:

**Submission of papers** May 10, 2010  
**Notification of acceptance** July 30, 2010

