

TECHNICAL PROGRAM OF THE EEMC SYMPOSIUM

Wednesday, 12 September 2012

Hotel Radisson Blu Resort, Split
Hall HVAR

08:30 - 10:00

SYM 2/I: Symposium on Environmental Electromagnetic Compatibility

Chairs: Dragan Poljak (University of Split, FESB, Croatia), Vesna Roje (University of Split, FESB, Croatia)

Vertical Dipole above a PEC Ground Representing a Part of a PLC System - Numerical versus Analytical Study

Dragan Poljak (University of Split, Croatia); Vicko Dorić (University of Split, FESB, Croatia); Khalil El Khamlichi Drissi (Universite Blaise Pascal & LASMEA Laboratory, France); Mohamed Chaaban (Université Blaise Pascal, France)

Optimal Design for a Class of Spherical Helical Antennas Applied in Wireless Transmission of Energy by Resonant Coupling

Zoran Blažević (University of Split, FESB, Croatia); Maja Škiljo (University of Split, FESB, Croatia)

Radiation pattern and impedance of a quarter wavelength monopole antenna above a finite ground plane

Zlatko Živković (University of Split, FESB, Croatia); Damir Senić (University of Split, FESB, Croatia); Christof Bodendorf (Federal Office for Radiation Protection, Germany); Jacek Skrzypczynski (Wroclaw University of Technology & Thales Netherlands, Poland); Antonio Šarolić (University of Split, FESB, Croatia)

Design considerations of portable smartphone charging device

Tae-Seon Kim (Korea University & Samsung Electronics Company, Korea); Soo-Won Kim (Korea University, Korea)

Influence of the Grounding Electrode Conductivity on the Induced Transient Current

Silvestar Šesnić (University of Split, FESB, Croatia); Dragan Poljak (University of Split, FESB, Croatia)

16:00 - 17:30

SYM 2/II: Symposium on Environmental Electromagnetic Compatibility

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EMC in Electronic System Developed to Support Measurements in Space Environment

Jadranka Marasović (University of Split, FESB, Croatia)

Hybrid BEM/FEM Edge Element Computation of the Thermal Rise in The 3D Model of The Human Eye Induced By High Frequency EM Waves

Dragan Poljak (University of Split, FESB, Croatia); Damir Čavka (University of Split, FESB, Croatia); Hrvoje Dodig (Wessex Institute of Technology, United Kingdom); Andres B Peratta (Wessex Institute of Technology, United Kingdom)

TM Plane Wave Coupling to Wire Conductors Above Homogeneous Soil: Comparison Between Complex Image and Transmission Line Approach

Vesna Arnautovski-Toševa (University Blaise Pascal, France); Khalil El Khamlichi Drissi (Universite Blaise Pascal & LASMEA Laboratory, France); Claire Faure (University Blaise Pascal, France); Christophe Pasquier (Université Blaise Pascal, France); Kamal Kerroum (University of Clermont Ferrand, France)

Electromagnetic field estimation using modified transmission line models of lightning strokes

Vesna Javor (University of Nis, Faculty of Electronic Engineering, Serbia)

Assessment of SAR in the Human Body Exposed to an RFID Loop Antenna

Ivana Zulim (University of Split, FESB, Croatia); Damir Senić (University of Split, FESB, Croatia); Dragan Poljak (University of Split, FESB, Croatia); Antonio Šarolić (University of Split, FESB, Croatia)