

IIEC 2021 FULL SCHEDULE

Monday, August 30th

10 ⁰⁰ – 10 ⁴⁵	CONFERENCE OPENING
	SESSION 1 - COMPUTATION OF ELECTROMAGNETIC FIELDS
11 ⁰⁰ – 11 ⁴⁵	A Field-free Approach to inductance and radio waves – <i>Invited lecture</i> Kjell Prytz
11 ⁴⁵ – 12 ⁰⁰	Computation of the Field Apparent Resistivity of the Soil for Driven-rod Electrodes Slavko Vujević, Tonči Modrić, Ivan Krolo
12 ⁰⁰ – 12 ¹⁵	Advances in Entire-domain High-precision 2D Method of Moments Analysis Dragan Olćan, Jovana Petrović
12 ¹⁵ – 12 ³⁰	Comparative Analysis of Synchronous Motors Vasilija Sarac, Goce Stefanov, Dragan Minovski
12 ³⁰ – 12 ⁴⁵	Current Distribution in a Thin Two-layer Tubular Conductor Influenced by a Filament Dragan Filipović, Tatijana Dlabač
12 ⁴⁵ – 13 ⁰⁰	Influence of Mobile Phone Placement on Electric Field Distribution in a Child Head Model at 0.9 GHz Vladimir Stanković, Dejan Jovanović, Dejan Krstić, Jelena Malenović-Nkolić, Vera Marković, Nenad Cvetković
13 ⁰⁰ – 13 ¹⁵	HBEM Analysis of Shielded Broadside-coupled Inverted Microstripline Mirjana Perić, Saša S. Ilić, Ana Vučković, Natalija Ivković, Isidora Jovanović

	SESSION 2 - COMPUTATION OF ELECTROMAGNETIC FIELDS/ NON-LINEAR ELECTROMAGNETIC SYSTEMS
13 ⁴⁵ – 14 ⁰⁰	Magnetoelectric MEMS Sensor for Magnetic Field Detection Maximilian Krey, Hannes Toepfer
14 ⁰⁰ – 14 ¹⁵	Selecting Optimal Numerical Integration Rules for Double Surface Integrals of Triangular Domains Mario Cvetković, Dragan Poljak, Ante Lojić Kapetanović Hrvoje Dodig
14 ¹⁵ – 14 ³⁰	Determination of Magnetically Non-linear Dynamic Parameters of a Synchronous Motor with Interior Permanent Magnets Željko Hederić, Venco Ćorluka, Toni Varga
14 ³⁰ – 14 ⁴⁵	Analysis and Simulation of Instantaneous Magnetising Power of Ferromagnetic Sample Using Harmonic Components Branko Koprivica, Srđan Divac, Alenka Milovanović, Milan Plazinić
14 ⁴⁵ – 15 ⁰⁰	Hybrid Boundary Element Method for Modelling Permanent Magnet Configuration Ana Vučković, Mirjana Perić, Saša Ilić, Dušan Vučković
15 ⁰⁰ – 15 ¹⁵	Influence of Dielectric Sphere on the Homogeneity of a Field Generated by Two Toroidal Electrodes Žaklina J. Mančić, Zlata Ž. Cvetković, Bojana R. Petković

Tuesday, August 31st

	SESSION 3 - EM CIRCUITS & SYSTEMS/ COMPUTATION OF ELECTROMAGNETIC FIELDS
10 ⁰⁰ – 10 ¹⁵	Reconfigurable Memristive Lowpass-bandpass Filter with Quasy-lumped Elements Mladen Živković, Marko Manojlović, Milka Potrebić, Zlata Cvetković
10 ¹⁵ – 10 ³⁰	Field-Circuit Coupled Analysis of Inductive-type Wireless Power Charging System Daniel Marcsa
10 ³⁰ – 10 ⁴⁵	Wavv Digital Modelling of a Rectangular Microstrip Patch Antenna Biljana P. Stošić
10 ⁴⁵ – 11 ⁰⁰	Single-Load Power Monitoring System Dejan Stevanović, Miona Andrejević Stošović, Milan Savić
11 ⁰⁰ – 11 ¹⁵	The Influence of Ground Wires on the Resistance and Reactance of High Voltage Overhead Power Lines Nikola Krstić, Dragan Tasić, Dardan Klimenta
11 ¹⁵ – 11 ³⁰	Computer Integrated Laboratory for Teaching Electronics at Undergraduate Level Marko Dimitrijević

	SESSION 4 - COUPLED FIELD PROBLEMS/ COMPUTATION OF ELECTROMAGNETIC FIELDS/ EMC PROBLEMS/ OTHER/
12 ⁰⁰ – 12 ¹⁵	An Overview of 1998 Versus 2000 Edition of Guideline for Limiting Exposure to Electromagnetic Fields Teodora Gavrilov, Nikola Djuric, Dragan Kljajic
12 ¹⁵ – 12 ³⁰	Different AC Magnetic Field Shielding Procedures Teodora Gavrilov, Karolina Kasas-Lazetic, Miroslav Prsa
12 ³⁰ – 12 ⁴⁵	3D Coupled Electromagnetic-thermal Analysis of a Hybrid Electromagnetic System with Magnetic Flux Modulation Ivan Hadzhiev, Iosko Balabozov, Vultchan Gueorgiev, Ivan Yatchev
12 ⁴⁵ – 13 ⁰⁰	Information-theoretic Analysis of Electric Field Time Series in National EMF RATEL Monitoring System Gorana Mijatovic, Nikola Djuric, Dragan Kljajic, Karolina Kasas-Lazetic, Luca Faes
13 ⁰⁰ – 13 ¹⁵	Experimental Analysis of a Metal Enclosure Shielding Effectiveness Improvement with EMI Absorber Nataša Nešić, Nebojša Dončov, Slavko Rupčić, Vanja Mandrić Radivojević
13 ¹⁵ – 13 ³⁰	Electric Field and SAR distribution inside human head from mobile phone at 3G and 4G network Dragana Jovanović, Dejan Jovanović, Drgana Živaljević, Vladimir Stanković, Nenad Cvetković, Dragan Vučković

Wednesday, September 1st

	SESSION 5 - ELECTROMAGNETIC FIELD MEASUREMENT TECHNIQUES/ OPTIMIZATION TECHNIQUE/ OTHER/
10 ⁰⁰ – 10 ¹⁵	Test Circuit for Generating Superimposed AC and DC Voltages for Electric Breakdown Research Stepan Borvanov, Hannes Toepfer
10 ¹⁵ – 10 ³⁰	Surface Charge Measurement at High DC Voltage and Superimposed AC Voltage with Variable Frequency Florian Seifert, Pavel Pichugin, Hannes Toepfer
10 ³⁰ – 10 ⁴⁵	Finite Element Simulation of a Healthy and Faulty Brushless Direct Current Drive Jawad Faiz, Ahmad Jafari
10 ⁴⁵ – 11 ⁰⁰	Transient Circuit Simulation of Arc-free Current Breaking by Resistance Rise Dareer Bin Khalid, Luigi Piegari, Michael Rock
11 ⁰⁰ – 11 ¹⁵	Simulated Annealing Optimization for Inverse Problem Solving of Trace Gases Detection by Infrared Pulsed Photoacoustic Mladena Lukić, Žarko Čojbašić, Dragan Markushev
11 ¹⁵ – 11 ³⁰	Temperature Characteristics of the Face Region of Healthy People Obtained Using Thermal Imaging Camera Andrija Ćosić, Igor Jovanović, Ivana Kostić, Miona Andrejević Stošović, Dragan Krasić, Dragan Mančić

	SESSION 6 - OTHER/
12 ⁰⁰ – 12 ¹⁵	E-Learning Web Based Application with Key Words and Phrases Dragana Andrejević, Valentina Nejković, Dejan Rančić
12 ¹⁵ – 12 ³⁰	Smart Technologies for post COVID-19 Tourism Industry Nenad Petrović, Vasja Roblek, Maša Radenković, Valentina Nejković, Nino Papachashvili
12 ³⁰ – 12 ⁴⁵	Model-driven Approach to interactive 3D Web Presentation Generation Nenad Petrović, Maša Radenković, Vasja Roblek, Merab Khokhobaia, Ineza Gagnidze
12 ⁴⁵ – 13 ⁰⁰	Effects of Weibull Fading and Co-Channel Interference Shape and Scale Parameters and Number of Branches on Multi-branch SC Receiver Outage Performance Dragana Krstić, Suad Suljović, Nenad Petrović, Sinisa Minić
13 ⁰⁰ – 13 ¹⁵	Error Performance of MU-MIMO-OFDM System with BD-based Precoder and Optimal Pair-wise SUS Algorithm Aleksandra Panajotović, Nikola Sekulović, Daniela Milović

13 ³⁰	CONFERENCE CLOSING
------------------	---------------------------