

IEEC 2019 FULL SCHEDULE

Sunday, August 25th

17⁰⁰ – 19⁰⁰ **REGISTRATION**

Monday, August 26th

09⁰⁰ – 10⁰⁰ **REGISTRATION**

10 ⁰⁰ – 10 ⁴⁵	OPENING CEREMONY
10 ⁴⁵ – 11 ¹⁵	Electromagnetic Field Biological Effects Studies as Important Principle of Hygienic Standardization in the Russian Federation - <i>Invited lecture</i> Sergey Perov, Nina Rubtsova, Elena Makarova-Zemlyanskaya
11 ¹⁵ – 11 ³⁰	Coffee break
	ORAL SESSION 1
11 ³⁰ – 11 ⁴⁵	eCon Engineering - Introduction to ANSYS Simulation World- <i>Software presentation</i> Florijan Maroš
11 ⁴⁵ – 12 ⁰⁰	Increasing the Ampacity of a 110 kV Underground Cable Line by an Application of a Hydronic Asphalt Pavement System Dardan Klimenta, Dragan Tasić, Miroljub Jevtić
12 ⁰⁰ – 12 ¹⁵	Electric and Magnetic Field Measurements for High Voltage Transmission Lines: the Case of Turkey Mehmet Zeki Çelik, Mehmet Murat Ispirli, Yusuf Öner, Bülent Oral
12 ¹⁵ – 12 ³⁰	Power Line Magnetic Field Deviations for Three Different Current Unbalance Definitons Danka Antić, Miodrag Milutinov, Anamarija Juhas
12 ³⁰ – 12 ⁴⁵	Electromagnetic Field Distribution in Vicinity of Unbalanced Mixed Overhead Power Lines Karolina Kasaš-Lažetić, Gorana Mijatović, Dejana Herceg, Miroslav Prša
12 ⁴⁵ – 14 ⁰⁰	Lunch
	ORAL SESSION 2
14 ⁰⁰ – 14 ³⁰	Friction Stir Weld Inspection using Motion-Induced Eddy Current Testing - <i>Invited lecture</i> Hartmut Brauer, Jan-Marc Otterbach, Marek Ziolkowski, Hannes Toepfer
14 ³⁰ – 14 ⁴⁵	Assessment of Operating Characteristics of Brushless DC Motor Vasilija Šarac, Neven Trajchevski, Roman Golubovski
14 ⁴⁵ – 15 ⁰⁰	Statistical Analysis of Minimum Oil Circuit Breaker Failures Dragan Stevanović, Aleksandar Janjić, Dragan Tasić
15 ⁰⁰ – 15 ¹⁵	Hybrid Boundary Element Method Analysis of Shielded Microstrip Line with Different Metallization Cross-Sections Mirjana Perić, Saša Ilić, Ana Vučković, Nebojša Raičević
15 ¹⁵ – 15 ³⁰	Coffee break
	ORAL SESSION 3
15 ³⁰ – 16 ⁰⁰	Mathematical Modelling with Applications in EMC and Actuarial Mathematics - <i>Invited lecture</i> Milica Rančić
16 ⁰⁰ – 16 ¹⁵	Discrimination of Magnetizing Inrush and Internal Fault Currents Based on Stockwell Transform and ANN Approach for Transformer Protection Okan Ozgonenel, Umit Kemalettin Terzi, Onur Akar
16 ¹⁵ – 16 ³⁰	Determination of the Influence of the Natural Thermocouple Thermo-voltage Characteristics in the Modelling of Machining Processes by Turning Neven Trajchevski, Vasilija Šarac, Mikolaj Kuzinovski
16 ³⁰ – 16 ⁴⁵	Electromagnetic Screening Plate in Protection Service Technicians From Base Station Antenna Systems Dejan Krstić, Darko Zigar, Nenad Cvetković, Željko Hederić, Dejan Jovanović, Vladimir Stanković

17¹⁵ - Sightseeing of Niš

Tuesday, August 27th

08⁰⁰ – 09⁰⁰

REGISTRATION

ORAL SESSION 4	
09 ⁰⁰ – 09 ³⁰	Detection of diffraction effects by brain haemorrhages with a special microwave transmission system - <i>Invited lecture</i> Per Olov Risman, Nikola Petrović
09 ³⁰ – 09 ⁴⁵	Far-Field Radio Frequency Energy Harvesting for Powering of Ultra Low-Power Circuits Goran Jovanović, Mile Stojčev, Darko Mitić
09 ⁴⁵ – 10 ⁰⁰	The High-Frequency EMF Investigation Over the Campus Area of the University of Novi Sad Dragan Kljajić, Nikola Đurić, Karolina Kasaš Lažetić
10 ⁰⁰ – 10 ¹⁵	Challenges in the EMC Standardization of Wireless Power Transfer Systems Bernd Jaekel
10 ¹⁵ – 10 ³⁰	Modeling Multi-Layered Soil by Equivalent Uniform and Two-Layer Soil Models in Grounding Applications Marinko Barukčić, Nenad Cvetković, Željko Hederić, Toni Varga

10³⁰ – 10⁴⁵

Coffee break

ORAL SESSION 5	
10 ⁴⁵ – 11 ¹⁵	Design of Axial Flux Ferrite Permanent Magnet Synchronous Generator - <i>Invited lecture</i> Jawad Faiz, Tohid Asefi, Mohammad Azeem Khan
11 ¹⁵ – 11 ³⁰	Application of Response Surface Method for Optimization of Outer Rotor Permanent Magnet Synchronous Motor Vahid Rafiee, Jawad Faiz
11 ³⁰ – 11 ⁴⁵	Torque and Power Capability Comparison Between Radial and Tangential Configuration of Interior Permanent Magnet Motors with Fractional Slot Concentrated Windings Bojan Štumberger, Iztok Brinovar, Klemen Sredenšek, Miralem Hadžiselimović, Sebastijan Seme, Gregor Srpčič
11 ⁴⁵ – 12 ⁰⁰	Quality Assessment of Copper Alloy Rotors at Squirrel Cage Induction Motors Zdravko Praunseis, Iztok Brinovar, Gregor Srpčič, Klemen Sredenšek, Bojan Štumberger, Miralem Hadžiselimović, Sebastijan Seme
12 ⁰⁰ – 12 ¹⁵	Two-Dimensional Simulation of Ferromagnetic Particles Motion in the Rotating Magnetic Field using Easy Java Modelling Tool Vladan Vučković, Miloš Ilić, Danilo Petković

12¹⁵ – 13³⁰

Lunch

POSTER SESSION	
13 ³⁰ – 15 ⁰⁰	Visualisation of Static and Stationary Magnetic Fields Branko Koprivica, Alenka Milovanović, Srđan Divac, Mihajlo Tatović, Milan Plazinić, Vojislav Vujičić
	Measurements of Magnetic Field of Hair Dryers Miodrag Milutinov, Anamarija Juhas, Neda Pekarić-Nađ
	Effects of Using Metal Frame Glasses Exposed to Electromagnetic Radiation from Mobile Phone Dejan Jovanović, Vladimir Stanković, Dragana Živaljević, Dragan Vučković, Simona Ilie, Miodrag Stojanović
	Spatial Distribution of the Magnetic Field from Mobile Phone within a Child Head Model Vladimir Stanković, Dejan Jovanović, Dejan Krstić, Nenad Cvetković, Vera Marković
	Analysis of the Influence of Some Factors on the Electric Field and Thermal Field of High Power Low Voltage Fuse Ivan Hadzhiev, Dian Malamov, Iosko Balabozov, Ivan Yatchev
	Effects of the Magnet's Cross-Section Shape on the Magnetic Force Ana Vučković, Mirjana Perić, Dušan Vučković, Nebojša Raičević, Saša Ilić
	Energy Supply of Institute of Energy Technology Klemen Sredenšek, Iztok Brinovar, Gregor Srpčič, Bojan Štumberger, Miralem Hadžiselimović, Sebastijan Seme
	Photovoltaic Tracking Systems – A Review Klemen Sredenšek, Iztok Brinovar, Gregor Srpčič, Bojan Štumberger, Miralem Hadžiselimović, Sebastijan Seme

	A Review of Dynamic Modeling Approaches of Permanent Magnet Synchronous Motor Iztok Brinovar, Gregor Srpčič, Klemen Sredenšek, Sebastijan Seme, Bojan Štumberger, Miralem Hadžiselimović
	Heating of Explosion Proof Induction Motor at Different Frequencies Gregor Srpčič, Iztok Brinovar, Klemen Sredenšek, Miralem Hadžiselimović, Sebastijan Seme, Bojan Štumberger
	Memristive Quasi-Lumped Resonators and Filters Milka Potrebić, Ana Plazinić, Zlata Cvetković, Dejan Tošić
	Influence of Rotor Structure on Cogging Torque in Surface-Mounted PM-Generator Marian Greconici, Gheorghe Madescu, Marțian Moț, Danijela Milošević, Marius Biriescu
	Error Performance of MU-MIMO-OFDM System with Optimal Pair-Wise SUS Algorithm Under Imperfect CSIT Aleksandra Panajotović, Nikola Sekulović, Daniela Milović
	Nonlinear Loads Classification Method using Alternative Reactive Power Definitions Marko Dimitrijević, Miona Andrejević Stošović, Dejan Stevanović
	Effects of External Dielectric Body on Plan-Parallel System Field Homogeneity Zlata Cvetković, Žaklina Mančić, Saša Ilić, Bojana Petković, Milka Potrebić
	Analysis of Optimal Companding Quantization for Laplacian Source Aleksandra Jovanović, Zoran Perić, Jelena Nikolić, Anastasija Perić
	Comparative Assessment of Wave Digital Model of Directional Coupler Biljana Stošić
	A Fast and Accurate Model for Prediction of Magnetization Characteristics of Highly Saturated EI-Core Inductors Mohammad Fazlalizadeh, Jawad Faiz
	Surrogate Model Based Optimization of Synchronous Reluctance Motor Amirhossein Erfani Nik, Jawad Faiz
	Double-Stator Switched Reluctance Generator Ashkan Karimi Koozpar, Jawad Faiz
	The First and Second Order Performance of the Three-Hop Relay System in Dissimilar Fading Environment Dragana Krstić, Petar Nikolić, Mihajlo Stefanović
	Some Properties of Filters with Maximum Slope Out of the Passband Aleksandar Ilić, Zlata Cvetković
	Comparison of Different Techniques for Order Reduction of the Pupillary Light Reflex System Model Radmila Gerov, Tatjana Jovanović

15⁰⁰ – 15¹⁵ Coffee break

	ORAL SESSION 6
15 ¹⁵ – 15 ³⁰	A Parallel Plate Capacitor – the Dielectrophoretic Effect at Liquid Level Measurement Dina Jukić, Dejan Krstić, Željko Hederić
15 ³⁰ – 15 ⁴⁵	Green's Function for the Semi-Infinite Strip in Terms of an Improper Integral Dragan Filipović, Tatijana Dlabač
15 ⁴⁵ – 16 ⁰⁰	Calculation of Capacitance of Toroidal Electrode with Circular and Rectangular Cross-section Alenka Milovanović, Branko Koprivica, Srđan Divac
16 ⁰⁰ – 16 ¹⁵	External Inductance per Unit Length Calculation of Two Wire Line in Vicinity of Linear Magnetic Material Saša Ilić, Dragana Jovanović, Ana Vučković, Mirjana Perić
16 ¹⁵ – 16 ³⁰	CLOSING CEREMONY

20⁰⁰ CONFERENCE DINNER

Wednesday, August 28th

EXCURSION