CONFERENCE PRELIMINARY PROGRAM

(version 4; 5 September 2019)

Notation: **Pz**   – Plenary presentation: z – order of the plenary lecture
Lx.y-z – Lecture presentation: x – conference day, y – session in the day, z – order of the lecture
Dx.y-z – Dialogue presentation

Tuesday, 24 September 2019   *Day 1*

Time			Location
9:00 - 9:30		**Opening Session: Introduction, EDPE History, Information**	**Room A**
9:30 - 10:00	**P1**	**Modern Methods of Electric Power Quality Signals Analysis**	
10:00 - 10:30	**P2**	**The State-of-The Art: DC-to-DC Converters for Fuel Cell Vehicular Power Train – Power Electronics in Fuel Cell Technology**	
10:30 - 11:00		**Coffee Break**	Corridor
11:00 - 12:20	**L1.1**	**Fault Detection in Electrical Machines**	**Room A**
11:00 - 12:20	**L1.2**	**Power Semiconductor Converters**	**Room B**
12:30 - 14:00		**Lunch**	Restaurant
14:00 - 15:30	**D1.1**	**Control of Electrical Drives**	**Room C** (& Coffee – Corridor)
	D1.2	**Power Semiconductor Converters**	
	D1.3	**Measurement and Signal Processing. Robotics**	

Wednesday, 25 September 2019   *Day 2*

Time			Location
8:30 - 10:00	**D2.1**	**Electrical Machines**	**Room C** (& Coffee – Corridor)
	D2.2	**Electrical Vehicles and Traction**	
	D2.3	**Batteries. Associated Topics**	
10:00 - 11:20	**L2.1**	**Observers and Estimators in Electrical Drives**	**Room A**
10:00 - 11:20	**L2.2**	**Control of Electrical Drives**	**Room B**
11:30 - 12:00	**P3**	**Electric Vehicles – Key to Energy Transition**	**Room A**
12:00 - 13:30		**Lunch**	Restaurant
13:30		**Departure to Conference Trips, continuing discussion**	Entrance

Thursday, 26 September 2019   *Day 3*

Time			Location
8:30 - 10:00	**D3.1**	**Faults and Optimization of Electrical Machines**	**Room C** (& Coffee – Corridor)
	D3.2	**Power Electronics**	
10:00 - 11:20	**L3.1**	**Design of Electrical Machines**	**Room A**
10:00 - 11:20	**L3.2**	**Control of Power Converters**	**Room B**
11:30 - 12:00	**P4**	**Fault Tolerant Control of Induction Motor**	**Room A**
12:00 - 12:30	**P5**	**Energy Harvesting from Vibrations as Autonomous Source of Energy for Sensing and Monitoring**	
12:30 - 13:00		**Closing Session: Evaluation, Announcement of conferences PEMC 2020** (Gliwice)**, PEDG 2020** (Dubrovnik)**, EDPE 2021** (HR)	Room A
13:00		**Lunch**	Restaurant

Tuesday, 24 September 2019   Day 1

Opening Session

Tuesday, 24 September 2019, 09:00 – 09:30   Room A

Opening and Instructions
Viliam Fedák, Technical University of Košice, Slovakia, Jadranko Matuško, University of Zagreb, Croatia

Plenary Lectures P1, P2

Tuesday, 24 September 2019, 9:30 – 10:30   Room A

Chairs: Jiri Lettl, Czech Technical University in Prague, Czech Republic
              Željko Jakopović, University of Zagreb, Croatia

P1 --
Modern Methods of Electric Power Quality Signals Analysis
Vladimir Katić, University of Novi Sad, Serbia

P2 --
**The State-of-The Art: DC-to-DC Converters for Fuel Cell Vehicular Power Train
– Power Electronics in Fuel Cell Technology**
Sanjeevikumar Padmanaban, Aalborg University, Esbjerg, Denmark

Session L1.1: Fault Detection in Electrical Machines

Tuesday, 24 September 2019, 11:00 – 12:20   Room A

Chairs: Jan Bauer, Czech Technical University in Prague, Czech Republic
            Mateusz Dybkowski, Wroclaw University of Science and Technology, Poland

L1.1-1 --- Paper ID: 63 ---
**Simulation Finite Element based Investigation of the Static Eccentricity Fault Influence
during the Induction Motor No-load Start-up**
Virgiliu Fireteanu, Politechnica University of Bucharest, Romania

L1.1-2 --- Paper ID: 48 ---
Application of Hybrid Neural Network to Detection of Induction Motor Electrical Faults
Maciej Skowron; Marcin Wolkiewicz; Czeslaw T. Kowalski; Teresa Orlowska-Kowalska, Wroclaw University
of Science and Technology, Poland

L1.1-3 --- Paper ID: 81 ---
Investigation of Induction Machine with Rotor-Bar Faults
Ludek Schreier; Miroslav Chomat, Czech Academy of Sciences, Prague, Czech Republic

L1.1-4 --- Paper ID: 62 ---
**Detection and Localization of Electrical Faults in a Three Phase Synchronous Generator
with Rectifier**
Russell Sabir, TU Berlin and SEG Automotive; Daniele Rosato, SEG Automotive; Sven Hartmann, SEG
Automotive Germany GmbH, Germany; Clemens Guehmann, Technische Universitaet Berlin, Germany

Session L1.2: Power Semiconductor Converters

Tuesday, 24 September 2019, 11:00 – 12:20   Room B

Chairs: Valentin Oleschuk, Moldovan Academy of Sciences, Moldova
            Marek Pástor, Technical University of Košice, Slovakia

L1.2-1 --- Paper ID: 52 ---
**Feasibility of High Frequency Zero-Voltage Switching Boost Converters Achieving High Power
Density Using Wide-Bandgap**
Piotr Zimoch; Kamil Kierepka; Marcin Kasprzak, Silesian University of Technology, Gliwice, Poland

L1.2-2 -- Paper ID: 58 ---
Evaluation of Switching Performance of Si, SiC and GaN Power Transistors within ZVS Mode
Michal Frivaldsky; Michal Pipiska; Peter Sojka, University of Zilina, Slovakia

L1.2-3 -- Paper ID: 12 ---
Zero-Current-Switching Buck Converter
Felix Himmelstoss; Michael Jungmayer, Technikum Wien, Austria

L1.2-4 -- Paper ID: 53 ---
Design and Functional Demonstration of a 100 A Battery Testing Unit with Minimal Power Supply Load
Thomas Winkler; Herbert Ziegerhofer, Montanuniversitaet Leoben, Austria

Poster Sessions D1

Tuesday, 24 September 2019, 14:00 – 15:30   Room C

Session D1.1: Control of Electrical Drives

D1.1-1 -- Paper ID: 50 ---
A Fuzzy Approach to Optimal DC Motor Controller Design
Daniela Perdukova; Pavol Fedor; Viliam Fedak; Technical University of Košice, Slovakia

D1.1-2 -- Paper ID: 10 ---
Minimum Terminal Voltage on Running 3-Phase Induction Motors During Large Motors Starting
Ali Alameer; Hussain Balfaqih; Hussain Marzoug; Ahmed Humoud, Saudi Aramco, Saudi Arabia

D1.1-3 -- Paper ID: 39 ---
BLDC Motor Control with Cascade Structure Uilizing ARM MCU
Jiri Ctibor; Jan Knobloch; Pavel Vorel; Ivo Pazdera, Brno University of Technology, Czech Republic

D1.1-4 -- Paper ID: 69 ---
Influence of the Stator Current Approximation Form on the Discrete Sliding Mode Torque Control for Induction Motor Drive
Grzegorz Tarchala, Wroclaw University of Science and Technology, Poland

D1.1-5 -- Paper ID: 45 ---
Control Strategies for the Identification and Reduction of Cogging Torque in PM Motors
Martin Sumega; Pavol Rafajdus, University of Zilina, Slovakia; Marek Stulrajter, NXP Semiconductors, Czech Republic; Giacomo Scelba, University of Catania, Italy

Session D1.2: Power Semiconductor Converters

D1.2-1 -- Paper ID: 64 ---
High Efficiency DC-DC Buck Converter with a Passive Snubber Circuit
Jung-Ha Kim; Sang-Won Lee; Hyeon-Seok Lee; Sang-Hoon Lee; Yoon-Geol Choi; Bongkoo Kang Pohang University of Science and Technology, South Korea

D1.2-2 -- Paper ID: 75 ---
A Novel Boost Converter with Two Independently Controlled Switches
Delia-Anca Botila, Ioana-Monica Pop-Calimanu, Dan Lascu, Politehnica University Timisoara Timisoara, Romania

D1.2-3 -- Paper ID: 24 ---
On the Operational Modes of LCC Resonant Converter with a Capacitive Output Filter
Yoram Horen, SCE; Svetlana Bronshtein, SCE; Dmitry Baimel, SCE - Shamoon College of Engineering, Israel; Alexander Abramovitz, Tel Aviv University, Israel

D1.2-4 -- Paper ID: 65 ---
Line-interactive UPS as Shunt Active Power Filter
Ante Perić; Viktor Šunde; Željko Ban; University of Zagreb, Croatia

D1.2-5 --- Paper ID: 26 ---
12 kW Flyback Converter with a Passive Quasi-resonant Snubber
Jan Martis; Pavel Vorel; Petr Prochazka, Brno University of Technology, Czech Republic

D1.2-6 --- Paper ID: 5 ---
Fault Diagnosis for Multilevel Inverter with Space Vector Recognition
Rudolf Mecke, Harz University of Applied Sciences, Germany

D1.2-7 --- Paper ID: 32 ---
Experimental DC/DC Converter for Photovoltaic Panel with Fully Digital Control Based on Flyback Topology with Nontraditional Snubber Circuit
Dušan Benda; Pavel Vorel, Brno University of Technology, Czech Republic

Session D1.3: Measurement and Signal Processing. Robotics

D1.3-1 --- Paper ID: 84 ---
Statistical Parameters of the Measured Voltage in the Network
Milan Guzan; Adam Fehér; Tibor Vince, Technical University of Košice, Slovakia

D1.3-2 --- Paper ID: 86 ---
Improvement of the Measurement Accuracy of Resistance Standard with UNI-T UT 805 and UT 803 Multimeters
Milan Guzan; Adam Fehér, Technical University of Košice, Slovakia

D1.3-3 --- Paper ID: 73 ---
High Accurate Robotic Machining based on Absolute Part Measuring and On-line Path Compensation
Tomas Kubela; Ales Pochyly; Vladislav Singule, Brno University of Technology, Czech Republic

D1.3-4 --- Paper ID: 36 ---
Simultaneous Estimation of the Stator and Rotor Resistances in an Induction Motor Drive Using Novel Active and Reactive Power Based Model Reference Adaptive System
Szymon Bednarz; Mateusz Dybkowski, Wrocław Univeristy of Science and Technology, Poland

Wednesday, 25 September 2019   Day 2

Poster Sessions D2

Wednesday, 25 September 2019, 8:30 – 10:00   Room C

Session D2.1: Electrical Machines

D2.1-1 --- Paper ID: 82 ---
The Factors Affecting Positioning Accuracy of Geared Servodrives
Viktor Šlapák, Technical University of Košice, Slovakia; Michal Pajkos, Matus Hric, SPINEA Technologies, Slovakia

D2.1-2 --- Paper ID: 54 ---
Stator Winding Faults investigation in Permanent Magnet Synchronous Motor using Motor Signatures: Part I
Adil Usman; Nikhil. T. Doiphode; Bharat S. Rajpurohit, Indian Institute of Technology, Mandi, India

D2.1-3 --- Paper ID: 72 ---
Finite Element Modeling of Stator Winding Faults in Permanent Magnet Synchronous Motor: Part II
Adil Usman; Nikhil. T. Doiphode; Bharat S. Rajpurohit, Indian Institute of Technology, Mandi, India

D2.1-4 --- Paper ID: 57 ---
Synchronous Reluctance Machines: Theory, Design and the Potential Use in Traction Applications
Branko Ban, ALTEN, Croatia; Stjepan Stipetic; Mario Klanac, University of Zagreb, Croatia

D2.1-5 -- Paper ID: 17 --
A Design of Neodymium Free Spoke-type Machine for High Power Density and Efficiency
Jungmoo Seo; Joohan Kim, Korea Electronics Technology Institute, Korea; Jangho Seo, Kyungpook National University, Korea

D2.1-6 -- Paper ID: 80 --
Identification of Sludge in Water Pumping System Using Support Vector Machine
Umashankar Subramaniam, Prince Sultan University, Nabanita Dutta, VIT University, Vellore, India, Sanjeevikumar Padmanaban, Aalborg University, Esbjerg, Denmark, Dhafar Almakhles, Prince Sultan University, Riyadh, Saudi Arabia; Karol Kyslan, Viliam Fedak, Technical University of Košice, Slovakia

Session D2.2: Electrical Vehicles and Traction

D2.2-1 -- Paper ID: 7 --
Sustainable Electromobility in the Liberec Region and in the Middle Europe in General
Josef Černohorský; Pavel Jandura; Klara Kuprova, Technical University of Liberec, Czech Republic

D2.2-2 -- Paper ID: 18 --
Pairing of Traction DC Motors, Long Term Experiencies from Practice and Simulations
Jiří Kubín; Ales Richter, Technical University of Liberec, Czech Republic; Želmíra Ferková, Technical University of Košice, Slovakia

D2.2-3 -- Paper ID: 21 --
Design of Rear Wheel Steering System of an Experimental Electric Vehicle
Lukáš Krčmář; Josef Břoušek; Tomáš Petr, Technical University of Liberec,Czech Republic

D2.2-4 -- Paper ID: 20 --
Locomotive Wheel Slip Controller based on Power Dissipation in Wheel-rail Contact
Petr Pichlík (Czech Technical University in Prague, Czech Republic

D2.2-5 -- Paper ID: 76 --
Skid Steering of Robotic Vehicle for Autonomous Applications
Róbert Üveges; František Ďurovský; Viliam Fedak, Technical University of Košice, Slovakia

Session D2.3: Batteries. Associated Topics

D2.3-1 -- Paper ID: 40 --
Modeling of Lithium-ion Battery Charging and Discharging Using the Preisach Hysteresis Model
Jakub Eichler; Miroslav Novak, Technical University of Liberec, Czech Republic

D2.3-2 -- Paper ID: 22 --
Identification of Li-ion Battery Model Parameters
Radoslav Cipin; Marek Toman; Petr Prochazka; Ivo Pazdera; Brno University of Technology, Czech Republic

D2.3-3 -- Paper ID: 6 --
Modeling and Analysis of a Fuzzy Type MPPT Algorithm
Jenica Ileana Corcau; Liviu Dinca, University of Craiova, Romania

D2.3-4 -- Paper ID: 27 --
Impact of External Low-dynamic Magnetic Field on Human Body with Metal Implants, Combination of Energy Conversation Principle and Maxwell Equations
Ales Richter, TU Liberec; Želmíra Ferková, Technical University of Košice, Slovakia; Václav Bittner, Technical University of Liberec, Czech Republic

Session L2.1: Observers and Estimators in Electrical Drives

Wednesday, 25 September 2019, 10:00 – 11:20   Room A

Chairs: Miroslav Chomát, Czech Academy of Sciences, Czech Republic
           Jadranko Matuško, University of Zagreb, Croatia

L2.1-1 -- Paper ID: 59 --
Discrete Implementation of Sensorless IM Drive with MRAS-Type Speed Estimator
Mateusz Korzonek; Teresa Orlowska-Kowalska, Wroclaw University of Science and Technology, Poland

L2.1-2 -- Paper ID: 25 --
Induction Motor Control with Respect to Maximum Efficiency in a Wide Range of Speed and Torque
Pavel Vorel; Marek Toman; Jan Martis, Brno University of Technology, Czech Republic
L2.1-3 -- Paper ID: 34 --
Reactive Power MRAS for Rotor Resistance Estimation Taking Into Account Load-Dependent Saturation of Induction Motor
Ondrej Lipcak; Jan Bauer; Miroslav Chomatm, Czech Technical University in Prague, Czech Republic

L2.1-4 -- Paper ID: 55 --
Analysis of Stability Improvement Method with Additional Feedback for Stator Current Error Based Speed Estimator MRASCC
Mateusz Korzonek; Teresa Orlowska-Kowalska, Wroclaw University of Science and Technology, Poland

Session L2.2: Control of Electrical Drives

Wednesday, 25 September 2019, 10:00 – 11:20   Room B

Chairs: Pavel Mindl, Czech Technical University in Prague, Czech Republic
           Pavel Vorel, Brno University of Technology, Czech Republic

L2.2-1 -- Paper ID: 70 --
Successive Linearization Based Predictive Vehicle Torque Vectoring
Bojan Spahija; Marko Švec; Sandor Iles; Jadranko Matusko, University of Zagreb, Croatia

L2.2-2 -- Paper ID: 74 --
Control Architecture of a Remotely Controlled Vehicle in Extreme CBRNE Conditions
Ana Šelek; Demijan Jurić; Anđela Čirjak; Filip Marić; Marija Seder; Ivan Marković; Ivan Petrović, University of Zagreb, Croatia

L2.2-3 -- Paper ID: 85 --
Speed Sensorless Control of PMSM with Unscented Kalman Filter and Initial Rotor Alignment
Karol Kyslan; Viktor Šlapák; Viktor Petro; Adrián Marcinek; František Ďurovský, Technical University of Košice, Slovakia

L2.2-4 -- Paper ID: 43 --
Low Speed Operation of Sensorless Estimators for Induction Machines using Extended, Unscented and Cubature Kalman Filter Techniques
Krisztián Horváth, Széchenyi István University, Hungary; Dénes Fodor, University of Pannonia Veszprem, Hungary

Plenary Lecture P3

Wednesday, 25 September 2019, 11:30 – 12:00   Room A

Chairs: Mariusz Stępień, Silesian University of Technology, Poland
           Felix Himmelstoss, UAS Technikum Wien, Austria

P3 ---
Electric Vehicles – Key to Energy Transition
Pavol Bauer, Delft University of Technology, The Netherlands

Poster Sessions D3

Thursday, 26 September 2019, 8:30 – 10:00   Room C

D3.1: Faults and Optimisation of Electrical Machines

D3.1-1 --- Paper ID: 49 ---
Induction Motor Optimised Supply Voltage and Frequency Control
Pavel Mindl; Zdeněk Čeřovský; Pavel Mňuk, Czech Technical University in Prague, Czech Republic

D3.1-2 --- Paper ID: 42 ---
Brushless DC Motor Controller Optimization Using Simulated Annealing
Maad Shatnawi, Higher Colleges of Technology, Abu Dhabi, United Arab Emirates; Ehab Bayoumi, Electronics Research Institute, Giza, Egypt

D3.1-3 --- Paper ID: 41 ---
Identification of Induction Motor Parameters Considering Sensitivity Analysis of Measured Quantities
Pavel Vorel; Marek Toman; Radoslav Cipin; Petr Prochazka, Brno University of Technology, Czech Republic

D3.1-4 --- Paper ID: 11 ---
Comparison of Two Types of Cooling of Axial Flux Permanent Magnet Machines by CFD Simulation
Lukas Veg, University of West Bohemia, Pilsen, Czech Republic

Session D3.2: Power Electronics

D3.2-1 --- Paper ID: 35 ---
Educational Purpose Switch Mode Supplies
Martin Folprecht, Dalibor Červinka, Brno University of Technology, Czech Republic

D3.2-2 --- Paper ID: 33 ---
Comparison of Thermal Properties of the Magnetic Components of Interleaved DC/DC Converters
Michal Frivaldsky; Slavomir Kascak; Michal Prazenica; Miroslav Pavelek; Miriam Jarabicova, University of Zilina, Slovakia

D3.2-3 --- Paper ID: 44 ---
Analysis of Power Transistor Switching Process
Petr Prochazka; Ivo Pazdera; Jan Miklas; Radoslav Cipin, Brno University of Technology, Czech Republic

D3.2-4 --- Paper ID: 23 ---
GaN Transistors Cooling Options Comparison
Pavel Skarolek; Jiri Lettl, Czech Technical University in Prague, Czech Republic

D3.2-5 --- Paper ID: 38 ---
Alternative Methods of Synchronous Space-Vector PWM for Transport-Oriented Converters and Drives
Valentin Oleschuk, Institute of Power Engineering of Moldova; Marek Pástor, Technical University of Košice, Slovakia

D3.2-6 --- Paper ID: 31 ---
Hardware Concept of a New BLDC Motor Controller Based on BCD Technology
Jan Knobloch; Jiří Ctibor; Pavel Vorel, Brno University of Technology, Czech Republic

D3.2-7 --- Paper ID: 2 ---
Output Voltage Control of Soft-Switching DC-DC Converter
Marek Pástor, Jaroslava Žilková, Peter Girovský, Technical University of Košice, Slovakia

D3.2-8 --- Paper ID: 83 ---
Soft-Switching DC-DC Converter with SiC Full-Bridge RectifierSoft-Switching DC-DC Converter with SiC Full-Bridge Rectifier
Marek Pástor; Jaroslav Dudrik; Andrea Vitkovská, Technical University of Košice, Slovakia

D3.2-9 -- Paper ID: 14 --
Comparison of Predictive Direct Power Control Methods for Grid-Connected Converter in B4 Configuration
Viktor Valouch, Czech Technical University, Prague, Czech Republic; Petr Šimek, Czech Academy of Sciences, Czech Republic

D3.2-10 --- Paper ID: 79 --
Reduction of Main-Grid Dependence in Future DC Micro-Grids Using Electric Springs
Hari Charan, VIT; Saravanan Balasubramanian, VIT, Sanjeevikumar Padmanaban, Aalborg University, Esbjerg, Denmark; Viliam Fedák; Technical University of Košice, Slovakia; Arunkumar Gopal, VIT - Vellore Institute of Technology, Tamil Nadu, India

Session L3.1: Design of Electrical Machines

Thursday, 26 September 2019, 10:00 – 11:20   Room A

Chairs: Czeslaw T. Kowalski, Wroclaw University of Science and Technology, Poland
           Zbigniew Kaczmarczyk, Silesian University of Technology, Poland

L3.1-1 -- Paper ID: 29 --
Automated Preliminary Design of Induction Machines Aided by Artificial Neural Networks
Christian Alteheld; Raimund Gottkehaskamp, Hochschule Düsseldorf, Germany

L3.1-2 -- Paper ID: 60 --
Comparison of Ant Colony and Differential Evolution Optimization Methods Applied to a Design of Synchronous Reluctance Machine
Mario Klanac; Damir Zarko; Stjepan Stipetic, University of Zagreb, Croatia

L3.1-3 -- Paper ID: 37 --
Influence of Machine Geometry to the PMSM Mathematical Model
Jan Laksar; Karel Hruska; Lukas Veg, University of West Bohemia, Pilsen, Czech Republic

L3.1-4 -- Paper ID: 68 --
Current Vector Control Techniques of Five-Phase Synchronous Reluctance Motor Drive Systems
Sara Ismaeel; Said Allam; Essam Eddin Rashad, Tanta University, Al Gharbiyah Governorate, Egypt

Session L3.2: Control of Power Converters

Thursday, 26 September 2019, 10:00 – 11:20   Room B

Chairs: Michal Frivaldský, University of Zilina, Slovakia
           Sanjeevikumar Padmanaban, Aalborg University, Denmark

L3.2-1 -- Paper ID: 67 --
Harmonic Analysis of Line Current of Industrial VSI-Fed Adjustable-Speed Drives
Filip Hleb; Martina Kutija,University of Zagreb, Croatia
L3.2-2 -- Paper ID: 66 --
Synchronous Adjustment of Modular Converter Based on Diode-Clamped Inverters with Multi-Zone PWM
Valentin Oleschuk, Institute of Power Engineering of Moldova, Marek Pástor, Technical University of Košice, Slovakia

L3.2-3 -- Paper ID: 51 --
Cross-Period Single Phase Shift Control Technique for High Power and Low Frequency Dual Active Bridge Converters
Szabolcs Veréb; András Futó; Zoltán Sűtö; Attila Blogh; István Varjasi, Budapest University of Technology and Economics, Hungary

L3.2-4 -- Paper ID: 13 --
Cascaded Delayed Signal Cancellation Based Pre‑Filtering Technique to Improve Frequency Locked Loop for Grid Synchronization
Petr Šimek; Viktor Valouch, Czech Academy of Sciences, Czech Republic

Plenary Lectures P4, P5

Thursday, 26 September 2019, 11:30 – 12:30   Room A

Chairs: Teresa Orlowska-Kowalska, Wroclaw University of Science and Technology, Poland
           Karol Kyslan, Technical University of Košice, Slovakia

P4 --

Fault Tolerant Control of Induction Motor

Mateusz Dybkowski, Wroclaw University of Science and Technology, Poland

P5 --

Energy Harvesting from Vibrations as Autonomous Source of Energy for Sensing and Monitoring

Zdeněk Hadaš, Brno University of Technology, Czech Republic

Closing Session

Thursday, 26 September 2019, 11:30 – 12:30   Room A

Evaluation of the EDPE 2019 conference.
Announcements of the conferences: PEMC 2020 (Gliwice**), PEDG 2020** (Dubrovnik), **EDPE 2021** (HR).
Saying Good-bye.
Viliam Fedák, Technical University of Košice, Slovakia, Mariusz Stępień, Silesian University of Technology, Poland, Željko Jakopović, University of Zagreb, Croatia, Jadranko Matuško, University of Zagreb, Croatia