

18th IEEE International Conference on Smart Tehnologies, EUROCON - 2019

Venue: University of Novi Sad - Central Building, Novi Sad, Serbia

Program / Detailed Program

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Time	Paper Id	Session	Paper title / Authors:family	Authors: name	Affiliation	State
Monday, 01-July-2019						
07:30 - 08:45h			Registration			Entrance hall
09:00h	PLENARY Session		Opening ceremony and introduction to IEEE EUROCON 2019 in NoviSad, Serbia			Amphitheater
	Chair:		prof. dr Boris Dumnić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
			- Opening			
			- Greetings			
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09:45h	PLENARY Session - KN1		KEY-NOTE PAPERS			Amphitheater
	Chair:		prof. dr Marko Delimar, University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia			
09:45h		KN1-1	Integration of Large Scale and Distributed Variable Energy Resources			
			Shirmohammadi	Dariush	Executive Vice President of GridBright, Inc. and Technical director at the California Wind Energy Association (CalWEA)	United States
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10:45 - 11:15h			Coffee break			
11:15h	SESSION -T1.1		Information, Communication and Technology			Multimedia Hall – 1st floor
	Chair:		prof. dr Carl Jame Debono, University of Malta, Faculty of Information & Communication Technology, Msida, Malta			
11:15h	00828	T1.1-1	Beam-Steering in Metamaterials Enhancing Gain of Patch Array Antenna Using Phase Shifters for 5G Application			
			Mingle	Solomon	University of Birmingham, School of Electronic and Electrical Engineering	United Kingdom
			Hassoun	Ihab	City University, Faculty of Engineering	Lebanon
			Kamali	Walid	City University, Faculty of Engineering	Lebanon
11:30h	05728	T1.1-2	CARSO: Clustering Algorithm for Road Surveillance and Overtaking			
			Alabbas	Hasanain	Budapest University of Technology and Economics	Hungary
			Huszák	Árpád	Budapest University of Technology and Economics	Hungary
11:45h	02628	T1.1-3	A novel qualitative metric based approach to the improvement of data plane flexibility in software-defined networks			
			Kaljic	Enio	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Maric	Almir	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Hadzialic	Mesud	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
12:00h	02728	T1.1-4	Isolated Sign Recognition with a Siamese Neural Network of RGB and Depth Streams			
			Tur	Anil Osman	Ankara University	Turkey
			Yalim Keles	Hacer	Ankara University	Turkey
12:15h	03028	T1.1-5	Exploiting depth information to increase object tracking robustness			
			Gutev	Alexander	University of Malta	Malta
			Debono	Carl James	University of Malta	Malta
12:30h	03128	T1.1-6	LTCC Dual-band BandPass Filter Based on SPP-like Propagation in Substrate Integrated Waveguide			
			Sakotic	Zarko	University of Novi Sad, BioSense Institute	Serbia
			Drljaca	Mihailo	University of Novi Sad, BioSense Institute	Serbia
			Kitic	Goran	University of Novi Sad, BioSense Institute	Serbia
			Jankovic	Nikolina	University of Novi Sad, BioSense Institute	Serbia
			Cselyuszka	Norbert	University of Novi Sad, BioSense Institute	Serbia

11:15h	SESSION -SS-02.1	Big data and distributed inference			Amphitheater	
	Chair:	doc. dr Dragana Bajović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
	Co-chair:	prof. dr Boris Dumnić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
11:15h	SS-02.1-KN	AI Research in the Financial Domain	Veloso	Manuela	Director, AI Research, JP Morgan, Herbert Simon University Professor, Carnegie Mellon University	United States
12:00h	09128	SS-02.1-1	Natural Language Processing for Associative Word Predictions			
			Grujić	Nebojša	University of Kragujevac, Faculty of Engineering	Serbia
			Milovanović	Vladimir	University of Kragujevac, Faculty of Engineering	Serbia
12:15h	09528	SS-02.1-2	Enabling Peer to Peer Energy Trading in Virtual Microgrids with LP-WAN			
			Anoh	Kelvin	Manchester Metropolitan University	United Kingdom
			Bajovic	Dragana	University of Novi Sad, Faculty of Technical Science	Serbia
			Ikpehai	Augustine	Sheffield Hallam University, Department of Engineering & Mathematics	United Kingdom
			Adebisi	Bamidele	Manchester Metropolitan University	United Kingdom
			Vukobratovic	Dejan	University of Novi Sad, Faculty of technical Sciences	Serbia
12:30h	10428	SS-02.1-3	Large-Scale Multi-Area State Estimation from Phasor Measurement Units Utilizing Factor Graphs			
			Cosovic	Mirsad	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Vukobratovic	Dejan	University of Novi Sad, Faculty of Technical Sciences	Serbia
11:15h	SESSION -T1.2	Information, Communication and Technology			Multimedia Hall – 2nd floor	
	Chair:	prof. dr Vlado Delić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia				
	Co-chair:	doc. dr Drazen Draskovic, University of Belgrade, School of Electrical Engineering, Belgrade, Serbia				
11:15h	03228	T1.2-1	Block Code Optimal Parameters Determination: A Numerical Approach			
			Maric	Almir	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Kaljic	Enio	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Njemcevic	Pamela	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Hamza	Mirza	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Begovic	Alen	BH Telecom	Bosnia and Herzegovina
11:30h	03528	T1.2-2	PV2MS: Patient Virtual Visitation Management System in the Context of a Smart City			
			Seidi	Navid	Qazvin Islamic Azad University	Iran
			Eshghi	Farshad	Kharazmi University	Iran
			Kelarestaghi	Manoochehr	Kharazmi University	Iran
11:45h	14328	T1.2-3	A comparison of machine learning methods using a two player board game			
			Draskovic	Drazen	University of Belgrade, School of Electrical Engineering	Serbia
			Brzakovic	Milos	University of Belgrade, School of Electrical Engineering	Serbia
			Nikolic	Bosko	University of Belgrade, School of Electrical Engineering	Serbia
12:00h	04228	T1.2-4	An Algorithm to Maintain the Performance of the Cyber-Physical System via Online Indicator of Operational Reliability			
			Shikhin	Vladimir	National Research University "MPEI"	Russian Federation
			Obychaiko	Dmitry	National Research University "MPEI"	Russian Federation
			Shikhina	Anna	RT-Soft LLC	Russian Federation
12:15h	16128	T1.2-5	Wireless Weather Station with No Moving Parts			
			Vasiljević-Toskić	Marko	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Rajs	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Bajić	Jovan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Božić	Milan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Hašović	Aleksandar	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Šović	Milan	University of Novi Sad, Faculty of Technical Sciences	Serbia

12:30h	05028	T1.2-6	Intelligent mobile object monitoring by unmanned aerial vehicles			
			Knyaz	Vladimir	State Research Institute of Aviation System (GosNIIAS), Moscow Institute of Physics and Technology	Russian Federation
			Zhelto	Sergey	State Research Institute of Aviation System (GosNIIAS), Moscow Institute of Physics and Technology	Russian Federation
			Lebedev	Georgy	Moscow Aviation Institute	Russian Federation
			Mikhailin	Denis	Moscow Aviation Institute	Russian Federation
			Goncharenko	Vladimir	Moscow Aviation Institute	Russian Federation
12:45h	07728	T1.2-7	Promoting Active Transportation via Information and Communication Technologies			
			Papageorgiou	George	EUC Research Center	Cyprus
			Efstathiadou	Theofano	EUC Research Center	Cyprus
			Efstathiades	Andreas	EUC Research Center	Cyprus
			Maimaris	Athanasios	EUC Research Center	Cyprus
13:00h - 14:00h		LUNCH				
14:00h	PLENARY Session - KN2		KEY-NOTE PAPERS			Amphitheater
		Chair:	prof. dr Marko Delimar, University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia			
14:00h		KN2-1	How Reliability, Latency, Massiveness, and Blockchain are Transforming IoT Communication			
			Popovski	Petar	Aalborg University	Denmark
15:00h	SESSION -SS-04.1		Power and Energy Digital Measurements			Multimedia Hall – 2nd floor
		Chair:	prof. dr Platon Sovilj, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair:	prof. dr Vladimir Dimchev, Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology, Skopje, Macedonia			
15:00h	01228	SS-04.1-1	New Algorithm for Dynamic Phasor Measurements Based on Taylor-Fourier Representation			
			Petrović	Predrag	University of Kragujevac, Faculty of Technical Sciences Čačak	Serbia
			Damljanović	Nada	University of Kragujevac, Faculty of Technical Sciences Čačak	Serbia
15:15h	01328	SS-04.1-2	Power Harmonics Measurements Based on Modified Newton-Raphson Procedure			
			Petrović	Predrag	University of Kragujevac, Faculty of Technical Sciences Čačak	Serbia
			Rozgić	Dimitrije	University of Kragujevac, Faculty of Technical Sciences Čačak	Serbia
15:30h	04028	SS-04.1-3	Temperature Distributions and Bacterial Growth Implications in a Hot Water Storage Tank under Scheduled Draw-off and Heating Cycles			
			Janse van Vuuren	Chantelle Y.	Stellenbosch University	South Africa
			Vermeulen	Hendrik J.	Stellenbosch University	South Africa
15:45h	05528	SS-04.1-4	Estimating Method of the Spectrum Measurement Error Caused by the ADC Quantization Noise			
			Serov	Andrey	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
			Serov	Nikolay	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
			Chumachenko	Dmitry	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
16:00h	09328	SS-04.1-5	Defining an Uncertainty Budget in Electrical Power and Energy Reference Standards Calibration			
			Demerdziev	Kiril	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Cundeva-Blajer	Marija	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Dimchev	Vladimir	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Srbinovska	Mare	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Kokolanski	Zivko	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
16:15h	12028	SS-04.1-6	Application of the Protective Current Transformers in Measurement Systems for Energy Management Purposes			
			Naumovic Vukovic	Dragana	University of Novi Sad, Electrical Engineering Institute Nikola Tesla	Serbia
			Antic	Radoslav	University of Novi Sad, Electrical Engineering Institute Nikola Tesla	Serbia
			Vujcic	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Pejic	Dragan	University of Novi Sad, Faculty of Technical Sciences	Serbia

16:30h	12328	SS-04.1-7	Implementation of a Green Wall Structure in Particulate Matter Reduction Using an Air Quality Monitoring System			
			Velkovski	Bodan	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Srbinovska	Mare	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Dimchev	Vladimir	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
15:00h	SESSION -SS-02.2		Big data and distributed inference			Amphitheater
		Chair:	doc. dr Dragana Bajović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair:	prof. dr Boris Dumnić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
15:00h	11028	SS-02.2-1	A Robust Consensus Seeking Algorithm			
			Stankovic	Srdjan	University of Belgrade, School of Electrical Engineering	Serbia
			Beko	Marko	Universidade Lusófona de Humanidades e Tecnologias, COPELABS	Portugal
			Stankovic	Milos	University of Belgrade, School of Electrical Engineering	Serbia
15:15h	11528	SS-02.2-2	Spectral-like gradient method for distributed optimization			
			Jakovetic	Dusan	University of Novi Sad, Faculty of Sciences	Serbia
			Krejic	Natasa	University of Novi Sad, Faculty of Sciences	Serbia
			Krklec Jerinkic	Natasa	University of Novi Sad, Faculty of Sciences	Serbia
15:30h	11628	SS-02.3-3	Distributed Trust-Region Method With First Order Models			
			Armacki	Aleksandar	University of Novi Sad, Faculty of Sciences	Serbia
			Jakovetic	Dusan	University of Novi Sad, Faculty of Sciences	Serbia
			Krejic	Natasa	University of Novi Sad, Faculty of Sciences	Serbia
			Krklec Jerinkic	Natasa	University of Novi Sad, Faculty of Sciences	Serbia
15:45h	14828	SS-02.2-4	Communication Efficient Distributed Estimation over Directed Random Graphs			
			Sahu	Anit Kumar	Carnegie Mellon University	United States
			Jakovetic	Dusan	University of Novi Sad, Faculty of Sciences	Serbia
			Bajovic	Dragana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Kar	Soumya	Carnegie Mellon University	United States
16:00h	12928	SS-02.2-5	Locating a target from uncertain data: convex supersets based on linear-fractional representations			
			Soares	Cláudia	Universidade de Lisboa, Institute for Systems and Robotics (ISR/IST), LARSyS, Instituto Superior Técnico	Portugal
			Xavier	João	Universidade de Lisboa, Institute for Systems and Robotics (ISR/IST), LARSyS, Instituto Superior Técnico	Portugal
16:15h	14528	SS-02.2-6	Fast distributed MAP inference for large scale graphical models			
			Soares	Claudia	Universidade de Lisboa, Institute for Systems and Robotics (ISR/IST), LARSyS, Instituto Superior Técnico	Portugal
			Gomes	Joao	Universidade de Lisboa, Institute for Systems and Robotics (ISR/IST), LARSyS, Instituto Superior Técnico	Portugal
15:00h	SESSION -T2.1		Circuits, Systems and Signal Processing			Multimedia Hall – 1st floor
		Chair:	prof. dr Ciprian Sorandaru, Politehnica University Timisoara, Department of Electrical Engineering, Timisoara, Romania			
		Co-chair:	prof. dr Vladimir Rajs, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
15:00h	01628	T2.1-1	Random Number Generators Based on Discrete-time Chaotic Maps			
			Ergun	Salih	ERGTECH Research Center	Switzerland
			Tanriseven	Sercan	ERGTECH Research Center	Switzerland
15:15h	02428	T2.1-3	A new Approach for Pedestrian Detection in Vehicles by Ultrasonic Signal Analysis			
			Pech	Andreas	Frankfurt University of Applied Sciences, Faculty of Computer Science and Engineering	Germany
			Nauth	Peter	Frankfurt University of Applied Sciences, Faculty of Computer Science and Engineering	Germany
			Michalik	Robert	Frankfurt University of Applied Sciences, Faculty of Computer Science and Engineering	Germany
15:30h	02528	T2.1-4	The formation of the new diagnostic indexes based on electro- and magnetocardiography in relation to cardiology of cardiac pathologies as part of the revelation of the myocardium with new anatomy and morphology			
			Marichev	Vladimir	Ltd «Fundamental Innovative Technologies»	Russian Federation
			Arutyunov	Yurij	Ltd «Double spiral»	Russian Federation
			Chaschin	Evgenij	Kovrov State Technological Academy	Russian Federation

15:45h	03728	T2.1-5	A 250-800-MHz Multiplying DLL for Reference Frequency Generation with Improved Phase Noise			
			Obradović	Dušan	NovelIC Microsystems	Serbia
			Čabrilo	Miloš	NovelIC Microsystems	Serbia
			Milosavljević	Ivan	NovelIC Microsystems	Serbia
			Krčum	Dušan	NovelIC Microsystems	Serbia
			Mihajlović	Veljko	NovelIC Microsystems	Serbia
16:00h	07628	T2.1-6	Detecting Road Irregularities by Image Enhancements and Thresholding			
			Sorandaru	Ciprian	Politehnica University Timisoara, Department of Electrical Engineering	Romania
			Stanciu	Ion-Rares	Politehnica University Timisoara, Applied Electronics Department	Romania
16:15h	15628	T2.1-7	Estimating Secret Parameter and Vulnerability Analysis of a Chaos-Based RNG			
			Ergun	Salih	ERGTECH Research Center	Switzerland
16:30h	05628	T2.1-8	Design and Simulation of Microfluidic Micro-Mixer with Parallelogram Barriers			
			Dusa	Arpad	University of Novi Sad, BioSense Institute	Serbia
			Podunavac	Ivana	University of Novi Sad, BioSense Institute	Serbia
			Kojic	Sanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Radonic	Vasa	University of Novi Sad, BioSense Institute	Serbia
16:45h	16428	T2.1-9	Spectral analysis of ocean waves for determination of fundamental energy parameters			
			Vujkov	Barbara	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Dumnić	Boris	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Grbić	Tatjana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Popadić	Bane	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Vukajlović	Nikola	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Medić	Slavica	University of Novi Sad, Faculty of Technical Sciences	Serbia
19:00h - 23:00h		WELCOME RECEPTION				

Tuesday, 02-July-2019

08:00 - 08:45h		Registration			Entrance hall
09:00h		PLENARY Session - KN3 KEY-NOTE PAPERS			Amphitheater
		Chair: doc. dr Luka Strezoski, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
09:00h	KN3-1	Generalize or Die: System Software for Memristor-based Accelerators			United States
		Milojicic	Dejan	Hewlett Packard Labs	
10:00h	KN3-2	Flexibility in power system management for enhanced reliability			Belgium
		Van Hertem	Dirk	Katholieke Universiteit Leuven	
11:00 - 11:30h		Coffee break			
11:30h		SESSION -SS-01.1 Systems with High Penetration of Distributed Energy Resources -Integration and Active Management			Amphitheater
		Chair: doc. dr Luka Strezoski, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair: doc. dr Aleksandar Selakov, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
11:30h	08028	SS-01.1-1	Active Management of Distribution Systems with High Penetration of Distributed Energy Resources		
		Strezoski	Luka	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
		Stefani	Izabela	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
		Brbaklic	Branislav	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
11:45h	08128	SS-01.1-2	Distribution System Relay Protection in Presence of High Penetration of Doubly-Fed Induction Machines		
		Stefani	Izabela	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
		Strezoski	Luka	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
		Bekut	Dusko	University of Novi Sad, Faculty of Technical Sciences; Schneider Electric DMS NS	Serbia
12:00h	08228	SS-01.1-3	Application of New Generation Reliability Importance Factors in Power Systems		
		Čepin	Marko	University of Ljubljana, Faculty of Electrical Engineering	Slovenia
12:15h	09028	SS-01.1-4	Influence of PV Systems on Distribution Network Voltage Values and Power Losses: Case Study		
		Topić	Danijel	J. J. Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology	Croatia
		Zvoko	Nikolina	JET d.o.o.	Croatia
		Knežević	Goran	J. J. Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology	Croatia
		Perko	Jurica	Regional Energy Agency North	Croatia
		Raff	Rebeka	Public Institute County Development Agency	Croatia
		Golub	Velimir	Vodovod d.o.o	Croatia
12:30h	09828	SS-01.1-5	Overview of the main challenges and threats for implementation of the advanced concept for decentralized trading in microgrids		
		Herencic	Lin	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
		Ilak	Perica	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
		Rajsl	Ivan	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
		Zmijarevic	Zlatko	Croatian Energy Regulatory Agency	Croatia
		Cvitanović	Matej	HEP-Distribution System Operator Ltd.	Croatia
		Delimar	Marko	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
		Pećanac	Boris	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
12:45h	12128	SS-01.1-6	Power Sharing Based Control of Hybrid Wind-Diesel Standalone Systems		
		Sajadi	Amirhossien	Case Western Reserve University	United States
		Roslaniec	Luksaz	Warsaw University of Technology	Poland
		Klos	Marisuz	Warsaw University of Technology	Poland
		Loparo	Kenneth	Case Western Reserve University	United States

11:30h		SESSION -SS-06.1	Industrial Internet of Things			Multimedia Hall – 2nd floor
		Chair:	prof. dr Gordana Gardašević, University of Banja Luka, Faculty of Electrical Engineering, Banja Luka, Bosnia and Herzegovina			
		Co-chair:	prof. dr Dejan Vukobratović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
11:30h	10328	SS-06.1-1	Smart Energy Manager for Energy Efficient Buildings			
			Berbakov	Lazar	University of Belgrade, Institute Mihajlo Pupin	Serbia
			Batić	Marko	University of Belgrade, Institute Mihajlo Pupin	Serbia
			Tomašević	Nikola	University of Belgrade, Institute Mihajlo Pupin	Serbia
11:45h	10828	SS-06.1-2	Packet Aggregation-Based Scheduling in 6TiSCH Networks			
			Vasilljević	Dragan	University of Banja Luka, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Gardašević	Gordana	University of Banja Luka, Faculty of Electrical Engineering	Bosnia and Herzegovina
12:00h	11728	SS-06.1-3	Four Pillars of IoT in Health Application			
			Skoric	Tamara	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Katzis	Konstantinos	European University Cyprus, Department of Computer Science and Engineering	Cyprus
			Jovanović	Slađana	"Telekom Srbija", A.D.	Serbia
12:15h	11828	SS-06.1-4	Scheduling in 6TiSCH Networks via Max-Product Message-Passing			
			Devaja	Tijana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Bajovic	Dragana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Vukobratovic	Dejan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Gardasevic	Gordana	University of Banja Luka, Faculty of Electrical Engineering	Bosnia and Herzegovina
12:30h	16928	SS-06.1-5	Implementation of IoT System for Securing Telecommunications Infrastructure Based on LoRaWAN Operator's Network			
			Jovanović	Marko	University of Belgrade, School of Electrical Engineering	Serbia
			Koprivica	Mladen	University of Belgrade, School of Electrical Engineering	Serbia
			Nešković	Nataša	University of Belgrade, School of Electrical Engineering	Serbia
11:30h		SESSION -SS-03.1	Research and applications in mechatronics and robotics			Multimedia Hall – 1st floor
		Chair:	prof. dr Anderj Gams, University of Ljubljana, Jožef Štefan Institute, Ljubljana, Slovenia			Slovenia
		Co-chair:	prof. dr Mirko Raković, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			Serbia
11:30h		SS-03.1-IP1	The acting brain: perspectives on action and object recognition			
			Santos-Victor	Jose	Instituto Superior Tecnico, Institute for Systems and Robotics, University of Lisbon	Portugal
11:45h	05828	SS-03.1-1	Learning of Robotic Throwing at a Target using a Qualitative Learning Reward			
			Lončarević	Zvezdan	Jozef Stefan Institue	Slovenia
			Pahič	Rok	Jozef Stefan Institue	Slovenia
			Simonič	Mihael	Jozef Stefan Institue	Slovenia
			Ude	Aleš	Jozef Stefan Institue	Slovenia
			Gams	Andrej	Jozef Stefan Institue	Slovenia
12:00h	12528	SS-03.1-2	Biologically Inspired Controller of Human Action Behavior for a Humanoid Robot in a Dyadic Scenario			
			Ferreira Duarte	Nuno	University of Lisbon, Instituto Superior Tecnico	Portugal
			Rakovic	Mirko	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Santos-Victor	José	University of Lisbon, Instituto Superior Tecnico	Portugal
12:15h		SS-03.1-IP2	Efficient biped motion in human centered environment			
			Borovac	Branislav	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Raković	Mirko	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Savić	Srđan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Tasevski	Jovica	University of Novi Sad, Faculty of Technical Sciences	Serbia

12:30h	16728	SS-03.1-3	XCP Service Integration for Model-Based, Automatic Production Code Generation			
			Juhász	László	Deggendorf Institute of Technology	Germany
			Samiee	Amir	Deggendorf Institute of Technology	Germany
			Engelbrecht	Waldemar	dSPACE GmbH	Germany
12:45h	14128	SS-03.1-4	Novel Smart and Compliant Robotic Gripper: Design, Modelling, Experiments and Control			
			Milojević	Andrija	Lappeenranta University of Technology, Department of Mechanical Engineering	Finland
			Tomić	Miša	University of Niš, Mechanical Engineering Faculty	Serbia
			Handroos	Heikki	Lappeenranta University of Technology, Department of Mechanical Engineering	Finland
			Ćojbašić	Žarko	University of Niš, Mechanical Engineering Faculty	Serbia
13:00h - 14:00h		LUNCH				
14:00h	SESSION -SS-01.2		Systems with High Penetration of Distributed Energy Resources -Integration and Active Management			Amphitheater
		Chair:	doc. dr Luka Strezoski, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair:	doc. dr Aleksandar Selakov, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
14:00h	13428	SS-01.2-1	Grid-connected Converter PCC Voltage Control During Grid Disturbances			
			Todorović	Ivan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Isakov	Ivana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Grabić	Stevan	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:15h	15528	SS-01.2-2	Overview of software tools for integration and active management of high penetration of DERs in emerging distribution networks			
			Petrovic	Natasa	The Higher Education Technical School of Professional Studies in Novi Sad	Serbia
			Strezoski	Luka	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Dumnic	Boris	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:30h	15728	SS-01.2-3	Impact of V2G operation of electric vehicle chargers on distribution grid during voltage dips			
			Katić	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Stanisavljević	Aleksandar	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Dumnic	Boris	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Popadic	Bane	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:45h	17828	SS-01.2-4	A Test Bed to Evaluate Advanced Distribution Management Systems for Modern Power Systems			United States
			Pratt	Annabelle	National Renewable Energy Laboratory	United States
			Baggu	Murali	National Renewable Energy Laboratory	United States
			Ding	Fei	National Renewable Energy Laboratory	United States
			Veda	Santosh	National Renewable Energy Laboratory	United States
			Mendoza	Ismael	National Renewable Energy Laboratory	United States
			Lightner	Eric	Office of Electricity, U.S. Department of Energy	United States
15:00h	13028	SS-01.2-5	Energy Storage for Frequency Control in High Photovoltaic Power Grids			
			You	Shutang	University of Tennessee	United States
			Liu	Yilu	University of Tennessee and Oak Ridge National Laboratory	United States
			Liu	Yong	University of Tennessee	United States
			Till	Abigail	University of Tennessee	United States
			Li	Hongyu	University of Tennessee	United States
			Su	Yu	University of Tennessee	United States
			Zhao	Jiecheng	University of Tennessee	United States
			Tan	Jin	National Renewable Energy Laboratory	United States
			Zhang	Yingchen	National Renewable Energy Laboratory	United States
			Gong	Maozhong	GE Global Research	United States

14:00h		SESSION -T1.3	Information, Communication and Technology	Multimedia Hall – 2nd floor
		Chair:	prof. dr George Papageorgiou, EUC Research Center, Nicosia, Cyprus	
		Co-chair:	prof. dr Danijel Pavković, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia	
14:00h	06128	T1.3-1	Innovative GPS Data Anomaly Detection Algorithm inspired by QRS Complex Detection Algorithms in ECG Signals	
		Žunić Emir	Info Studio d.o.o. Sarajevo and University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
		Delalić Sead	University of Sarajevo, Faculty of Science and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
		Hodžić Kerim	University of Sarajevo, Faculty of Electrical Engineering and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
		Tucaković Zlatan	University of Sarajevo, Faculty of Electrical Engineering and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
14:15h	06228	T1.3-2	Multi-level Generalized Clustering Approach and Algorithm for Anomaly Detection in Internal Banking Payment Systems	
		Žunić Emir	Info Studio d.o.o. Sarajevo and University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
		Tucaković Zlatan	University of Sarajevo, Faculty of Electrical Engineering and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
		Hodžić Kerim	University of Sarajevo, Faculty of Electrical Engineering and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
		Delalić Sead	University of Sarajevo, Faculty of Science and Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
14:30h	01928	T1.3-3	Outlier detection in distribution companies business using real data set	
		Golić Merisa	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
		Žunić Emir	Info Studio, d.o.o. Sarajevo	Bosnia and Herzegovina
		Đonko Dženana	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
14:45h	18128	T1.3-4	Surveying private pools in suburban areas with neural network based on drone photos	
		Domozi Zsolt	Obuda University - John von Neumann Faculty of Informatics	Hungary
		Molnar Andras	Obuda University - John von Neumann Faculty of Informatics	Hungary
15:00h		SESSION -T4.1	Industry and Consumer Applications	Multimedia Hall – 2nd floor
		Chair:	prof. dr George Papageorgiou, EUC Research Center, Nicosia, Cyprus	
		Co-chair:	prof. dr Danijel Pavković, University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia	
15:00h	02228	T4.1-1	Damping Optimum Tuning of Drill-string Torque-based Torsional Vibrations Suppression System	
		Pavković Danijel	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Cipek Mihael	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Plavac Filip	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Šprljan Pavle	HELB L.L.C.	Croatia
		Jurišić Goran	HELB L.L.C.	Croatia
15:15h	02328	T4.1-2	Damping Optimum-based Design of State Controller and Observer for Drill-String Rotary Speed Control	
		Krznar Matija	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Pavković Danijel	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Cipek Mihael	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Zorc Davor	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Kolar Davor	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
		Kotarski Denis	Karlovac University of Applied Sciences	Croatia
15:30h	16528	T4.1-3	An Optimal Placement of ADMS in Cloud Data Center	
		Popovic Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Stanojevic Marina	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Seskar Ivan	Rutgers University, WINLAB	United States
15:45h	18028	T4.1-4	Augmented Reality in Food production traceability – use case	
		Todorovic Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Milic Neda	University of Novi Sad, Faculty of Technical Sciences	Serbia
		Lazarevic Milovan	University of Novi Sad, Faculty of Technical Sciences	Serbia

15:45h	02928	T4.1-5	Gamification for Practical Engineering Education in Project and Risk Management			
			Fustik	Vangel	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Kiteva Rogleva	Nevenka	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Petrova	Natalija	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
14:00h	SESSION -ST1.1		Student paper contest			Multimedia Hall – 1st floor
		Chair:	prof. dr Paul Micallef, University of Malta, Faculty of Engineering, Msida, Malta			
		Co-chair:	prof. dr Vera Marković, University of Niš, Faculty of Electronic Engineering, Niš, Serbia			
14:00h	17128	ST1.1-1	A hybrid methodology for the day-ahead PV forecasting exploiting a Clear Sky Model or Artificial Neural Networks			
			Mosaico	Gabriele	University of Genoa, Department of Electrical Engineering (DITEN)	Italy
			Saviozzi	Matteo	University of Genoa, Department of Electrical Engineering (DITEN)	Italy
14:15h	17228	ST1.1-2	A 94 GHz Voltage-Boosted Energy Harvester in 45 nm CMOS Achieving a Peak Efficiency of 21.2% at – 8.5dBm Input Power			
			De Vroede	Ariane	KU Leuven, Departement Elektrotechniek ESAT-MICAS	Belgium
			Ooms	Simon	KU Leuven, Departement Elektrotechniek ESAT-MICAS	Belgium
			Philippe	Bart	KU Leuven, Departement Elektrotechniek ESAT-MICAS	Belgium
			Reynaert	Patrick	KU Leuven, Departement Elektrotechniek ESAT-MICAS	Belgium
14:30h	17328	ST1.1-3	Electronic Stethoscope Design, Prototyping and Testing			
			Mantji	Boitumelo	University of the Witwatersrand, School of Electrical and Information Engineering	South Africa
			Oloo	Fiona	University of the Witwatersrand, School of Electrical and Information Engineering	South Africa
14:45h	17428	ST1.1-4	Identifiability Conditions for Multi-channel Blind Deconvolution with Short Filters			
			Paris	Antoine	UCLouvain, ICTEAM/ELEN	Belgium
			Laurent	Jacques	UCLouvain, ICTEAM/ELEN	Belgium
			Demagnet	Laurent	MIT, Department of Mathematics and EAPS	United States
15:00h	17528	ST1.1-5	Spatio-Temporal Modeling of Absence Epileptic Seizures Using Depth Recordings			
			Akhavan	Saeed	University of Tehran, School of Electrical and Computer Engineering	Iran
			Kamarei	Mahmoud	University of Tehran, School of Electrical and Computer Engineering	Iran
			Soltanian-Zadeh	Hamid	University of Tehran, School of Electrical and Computer Engineering	Iran
14:00h	SESSION -PS1		Poster session - EUROCON 2019			Pavilion
		Chair:	prof. dr Dragan Miličević, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair:	prof. dr László Juhász, Deggendorf Institute of Technology, Deggendorf, Germany			
14:00h	01828	PS1.1-1	Identification of association rules in orders of distribution companies clients			
			Nogo	Armin	Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
			Zunic	Emir	Info Studio d.o.o. Sarajevo	Bosnia and Herzegovina
			Djonko	Dzenana	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
14:00h	03928	PS1.1-2	Modeling of the convergence time of an IP – based network with different traffic loads			
			Nedyalkov	Ivan	South - West University "Neofit Risliki"	Bulgaria
			Stefanov	Alexey	South - West University "Neofit Risliki"	Bulgaria
			Apostolov	Petar	South - West University "Neofit Risliki"	Bulgaria
14:00h	06028	PS1.1-3	Low-complexity acquisition of 180-degree panoramic video using early data reduction			
			Duarte	Joao	Instituto de Telecomunicacoes	Portugal
			Assuncao	Pedro	Politecnico de Leiria, Instituto de Telecomunicacoes	Portugal
14:00h	00528	PS1.1-4	H∞ filtering problem for Markov jump neutral systems with nonlinear perturbations and uncertain transition probabilities			
			Cheng	Yaling	Hohai University, College of Internet of Things Engineering	China
			Hua	Mingang	Hohai University, College of Internet of Things Engineering	China
			Fei	Juntao	Hohai University, College of Internet of Things Engineering	China
14:00h	02828	PS1.1-5	Design of Floating-Point Arithmetic Unit for FPGA with Simulink			
			Kralev	Jordan	Technical University of Sofia	Bulgaria

14:00h	05128	PS1.1-6	Comparative Analysis of the Methods for Estimating the Measurement Error of the Amplitude Spectrum Caused by the ADC Nonlinearity	Serov Andrey	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
				Serov Nikolay	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
				Dolgacheva Ekaterina	National Research University "Moscow Power Engineering Institute" (MPEI)	Russian Federation
14:00h	12228	PS1.1-7	Concept of a synchronous rectifier for wireless power transfer system	Krestovnikov Konstantin	Saint Petersburg State University of Aerospace Instrumentation (SUAI) St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS)	Russian Federation
				Cherskikh Ekaterina	Saint Petersburg State University of Aerospace Instrumentation (SUAI) St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS)	Russian Federation
				Pavliuk Nikita	St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS)	Russian Federation
14:00h	01028	PS1.1-8	Optimal Strategy for Reliability Improvement in Distribution Networks	Popovic Zeljko	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Knezevic Stanko	Schneider Electric DMS NS	Serbia
				Brbaklic Branislav	Schneider Electric DMS NS	Serbia
14:00h	10528	PS1.1-9	Hierarchical ESS Operation Strategy using Super-capacitor In DC Microgrid	Lee Sang-Bong	Hanyang University	Republic of Korea
				Lee Jong-Hyuk	Hanyang University	Republic of Korea
				Kim Jin-O	Hanyang University	Republic of Korea
14:00h	10728	PS1.1-10	Optimal Design Elements of Rogowski Coils for Lightning Currents	Lee Jong-Hyuk	Hanyang University	Republic of Korea
				Lee Sang-Bong	Hanyang University	Republic of Korea
				Kim Jin-O	Hanyang University	Republic of Korea
14:00h	13728	PS1.1-11	Evaluation of Requirements for Volt/Var Control Implementation in Transmission Grid	Rubesa Renata	Croatian Transmission System Operator HOPS	Croatia
				Ivankovic Igor	Croatian Transmission System Operator HOPS	Croatia
				Rekic Marko	Croatian Transmission System Operator HOPS	Croatia
				Mandic Niko	Croatian Transmission System Operator HOPS	Croatia
14:00h	03328	PS1.1-12	Subjective Evaluation of Haptic Feedback Technologies for Interactive Multimedia	Silva Bruno	Polytechnic Institute of Leiria	Portugal
				Costelha Hugo	Polytechnic Institute of Leiria	Portugal
				Bento Luis	Polytechnic Institute of Leiria	Portugal
				Barata Marcio	Tech4Home	Portugal
				Assuncao Pedro	Polytechnic Institute of Leiria, Instituto de Telecomunicacoes	Portugal
14:00h	13928	PS1.1-13	Capacitive Sensor with Stretchable Membrane Fabricated by 3D Printing for Displacement Application	Blaž Nelu	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Kisić Milica	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Živanov Ljiljana	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Damjanović Mirjana	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:00h	14028	PS1.1-14	Design and Fabrication of Ferrite Inductor Using 3D Printed Spiral Coil and Ferrite Disc	Menicanin Aleksnadar	University of Belgrade, Institute for Multidisciplinary Research	Serbia
				Luković Miloljub	University of Belgrade, Institute for Multidisciplinary Research	Serbia
				Blaž Nelu	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Movrin Dejan	University of Novi Sad, Faculty of Technical Sciences	Serbia
				Živanov Ljiljana	University of Novi Sad, Faculty of Technical Sciences	Serbia

14:00h	16628	PS1.1-15	Very Fast Prediction of MMF Harmonics Content in Multiphase Electrical Machines			
			Madescu	Gheorghe	Romanian Academy Timisoara Branch	Romania
			Berwanger	Erhard		Germany
			Biriescu	Marius	Politehnica University Timisoara	Romania
			Mot	Martian	Politehnica University Timisoara	Romania
			Greconici	Marian	Politehnica University Timisoara	Romania
14:00h	15028	PS1.1-16	Multi-phase Induction Machine Speed Estimation Method Using Rotor Slot Harmonics			
			Isakov	Ivana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Vasić	Veran	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Jerkan	Dejan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Reljić	Dejan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Todorović	Ivan	University of Novi Sad, Faculty of Technical Sciences	Serbia
14:00h	05428	PS1.1-17	Application of multi criteria decision making methods for readiness factor calculation			
			Trstenjak	Maja	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
			Lisjak	Dragutin	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
			Opetuk	Tihomir	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
			Pavković	Danijel	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia
16:00h - 20:00h			Tehnickal visit and social program			
20:00h - 23:00h			Young Professionals and Women in Engineering Meet Up & CEuSYP Congress Multicultural Night			
						Štrand beach

Wednesday, 03-July-2019

08:00 - 08:45h	Registration			Entrance hall
09:00h	PLENARY Session - KN4	KEY-NOTE PAPERS		Amphitheater
	Chair:	prof. dr Danijel Topic, Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology , Osijek Croatia		
09:00h	KN4-1	Trends in acquisition and monitoring of human physiological parameters		
		Groza	Voicu	University of Ottawa, School of Electrical Engineering and Computer Science
				Canada
10:00h	KN4-2	Internet of Things in equipment maintenance		
		Kuzle	Igor	University of Zagreb, Faculty of Electrical Engineering and Computing
				Croatia
11:00 - 11:30h	Coffee break			
11:30h	SESSION -SS-05.1	Special Session on Connected Health Technologies		Multimedia Hall – 2nd floor
	Chair:	prof. dr Tatjana Lončar-Turukalo, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
	Co-chair:	prof. dr Vasa Ćurčin, King's College, London, United Kingdom		
11:30h	03828	SS-05.1-1	LoCLoP: Low-cost/Low-processing Power Methodology for Deriving Heart Rate and Respiratory Rate in Time-critical Domain	
		Simjanoska	Monika	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Koteska	Bojana	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Bogdanova	Ana Madevska	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Ackovska	Nevena	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Trajkovik	Vladimir	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Kostoska	Magdalena	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Lehocki	Fedor	Slovak University of Technology in Bratislava
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
				Slovakia
11:45h	04328	SS-05.1-2	A CAD System for Brain Haemorrhage Detection in Head CT Scans	
		Napier	John	University of Malta
		Debono	Carl James	University of Malta
		Bezzina	Paul	University of Malta
		Zarb	Francis	University of Malta
				Malta
				Malta
				Malta
				Malta
12:00h	04728	SS-05.1-3	Gender Estimation from Panoramic Dental X-ray Images using Deep Convolutional Networks	
		Ilić	Ivan	University of Zagreb, Faculty of Electrical Engineering and Computing
		Vodanović	Marin	University of Zagreb, School of Dental Medicine
		Subašić	Marko	University of Zagreb, Faculty of Electrical Engineering and Computing
				Croatia
				Croatia
				Croatia
12:15h	06328	SS-05.1-4	Challenges in data collection in real-world environments for activity recognition	
		Lameski	Petre	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Dimitrievski	Ace	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Zdravevski	Eftim	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Trajkovik	Vladimir	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Koceski	Saso	University Goce Delcev, Faculty of Informatics
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
12:30h	07328	SS-05.1-5	Skin lesion segmentation with deep learning	
		Lameski	Jane	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Jovanov	Andrej	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Zdravevski	Eftim	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Lameski	Petre	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Gievska	Sonja	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
				N. Macedonia
				N. Macedonia
				N. Macedonia
				N. Macedonia
12:45h	08828	SS-05.1-6	A Microservice Architecture for the Design of Computer-Interpretable Guideline Processing Tools	
		Chapman	Martin	King's College London
		Curcin	Vasa	King's College London
				United Kingdom
				United Kingdom

11:30h		SESSION -T2.2	Circuits, Systems and Signal Processing			Multimedia Hall – 1st floor
		Chair:	prof. dr Alexander Kozlov, Omsk State Technical University, Radio engineering faculty, Omsk, Russian Federation			
		Co-chair:	doc. dr Vladimir Milovanović, University of Kragujevac, Faculty of Engineering, Kragujevac, Serbia			
11:30h	11428	T2.2-1	A Customizable DDR3 SDRAM Controller Tailored for FPGA-Based Data Buffering Inside Real-Time Range-Doppler Radar Signal Processing Back Ends			
			Milovanović	Vladimir	University of Kragujevac, Faculty of Engineering	Serbia
			Tasovac	Darko	NovellC Microsystems	Serbia
11:45h	11928	T2.2-2	Perceptual Quality Evaluation for Image Exposure Fusion			
			Tasikj	Borivoje	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Kartalov	Tomislav	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Ivanovski	Zoran	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
12:00h	12628	T2.2-3	Experimental evaluation of challenges in designing a resistive pressure sensors			
			Tihak	Amina	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
			Boskovic	Dusanka	University of Sarajevo, Faculty of Electrical Engineering	Bosnia and Herzegovina
12:15h	14728	T2.2-4	Impedance Sensitivity of Analytical Cell with Interdigitated Microelectrodes to Conductivity of Investigated Materials			
			Kozlov	Alexander	Omsk State Technical University, Radio engineering faculty	Russian Federation
			Fadina	Elena	Omsk State Technical University, Radio engineering faculty	Russian Federation
12:30h	11328	T2.2-5	Position Regulation System with Camera and Microcontroller ESP32			
			Kljakić	Stefan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Rajs	Vladimir	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Bodić	Milan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Cvetković	Nemanja	University of Novi Sad, Faculty of Technical Sciences	Serbia
12:45h	07828	T2.2-6	Measurement of rectifying diode impedance and efficiency for energy harvesting applications			
			Milosevic	Branka	University of Belgrade, Institute of Physics	Serbia
			Radovanovic	Milos	University of Belgrade, Institute of Physics	Serbia
			Jokanovic	Branka	University of Belgrade, Institute of Physics	Serbia
13:00h	17028	T2.2-7	Moving Ideas to Impact: Entrepreneurship Education for STEM Geeks			
			Tekic	Zeljko	Skolkovo Institute of Science and Technology	Russian Federation
11:30h	SESSION -T3.1		Power Engineering and Energy			Amphitheater
		Chair:	prof. dr Goran Knežević, Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology, Osijek, Croatia			
		Co-chair:	prof. dr Zoran Ivanović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
11:30h	01428	T3.1-1	Temperature Control for Residential Solar Water Heating Systems			
			Dbouk	Haytham	American University of Beirut (AUB)	Lebanon
			AlSayed Ali	Rayan	American University of Beirut (AUB)	Lebanon
			Ghamlouch	Mohammad	American University of Beirut (AUB)	Lebanon
			Elhajj	Imad	American University of Beirut (AUB)	Lebanon
11:45h	03428	T3.1-2	Distributed Generation Allocation in Low Voltage Distribution Network Using Artificial Neural Network			
			Šemić	Edin	JP Elektroprivreda	Bosnia and Herzegovina
			Hubana	Tarik	JP Elektroprivreda	Bosnia and Herzegovina
			Šarić	Mirza	JP Elektroprivreda	Bosnia and Herzegovina

12:00h	04528	T3.1-3	Performance assessment of mono and poly crystalline silicon photovoltaic arrays under Pannonian climate conditions			
			Žnidarec	Matej	Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology	Croatia
			Šljivac	Damir	Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology	Croatia
			Došen	Dario	Josip Juraj Strossmayer University of Osijek, Faculty of Electrical Engineering, Computer Science and Information Technology	Croatia
			Dumnić	Boris	University of Novi Sad, Faculty of Technical Sciences	Serbia
12:15h	04628	T3.1-4	Robust Mu-Controller for Electro-Hydraulic Steering System			
			Krlev	Jordan	Technical University of Sofia	Bulgaria
			Mitov	Alexander	Technical University of Sofia	Bulgaria
			Slavov	Tsonyo	Technical University of Sofia	Bulgaria
			Angelov	Ilcho	Technical University of Sofia	Bulgaria
12:30h	06528	T3.1-5	Analyzing the Impact of Battery Electric Vehicles on Distribution Networks Using Nondeterministic Model			
			Zdraveski	Vasko	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Krstevski	Petar	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Vuletic	Jovica	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Angelov	Jordancho	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Krkoleva Mateska	Aleksandra	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
			Todorovski	Mirko	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technology	N. Macedonia
12:45h	06728	T3.1-6	A Suitable Flexibility Assessment Approach for the Pre-Screening Phase of Power System Planning Applied on the Greek Power System			
			Stratigakos	Akylas	Independent Power Transmission Operator / University of Patras, Department of Electrical and Computer Engineering	Greece
			Krommydas	Konstantinos	Independent Power Transmission Operator / University of Patras, Department of Electrical and Computer Engineering	Greece
			Papageorgiou	Panos	Independent Power Transmission Operator / University of Patras, Department of Electrical and Computer Engineering	Greece
			Dikaiakos	Christos	University of Patras, Department of Electrical and Computer Engineering	Greece
			Papaioannou	George	University of Patras, Department of Electrical and Computer Engineering	Greece
13:00h - 14:00h			LUNCH			
14:00h	SESSION -SS-05.2		Special Session on Connected Health Technologies			Multimedia Hall – 2nd floor
		Chair:	prof. dr Tatjana Lončar-Turukalo, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia			
		Co-chair:	prof. dr Vasa Ćurčin, King's College, London, United Kingdom			
14:00h	08928	SS-05.2-1	Minimally Invasive Assessment of Mental Stress based on Wearable Wireless Physiological Sensors and Multivariate Biosignal Processing			
			Pernice	Riccardo	University of Palermo	Italy
			Nollo	Giandomenico	University of Trento	Italy
			Zanetti	Matteo	University of Trento	Italy
			De Cecco	Mariolino	University of Trento	Italy
			Busacca	Alessandro	University of Palermo	Italy
			Faes	Luca	University of Palermo	Italy

14:15h	11128	SS-05.2-2	User involvement in the design of a data-driven self-management decision support tool for stroke survivors			
			Balatsoukas	Panos	King's College London	United Kingdom
			Porat	Talya	Imperial College London	United Kingdom
			Sassoon	Isabel	King's College London	United Kingdom
			Essers	Kai	King's College London	United Kingdom
			Kokciyan	Nadin	King's College London	United Kingdom
			Chapman	Martin	King's College London	United Kingdom
			Drake	Archie	King's College London	United Kingdom
			Modgil	Sanjay	King's College London	United Kingdom
			Ashworth	Mark	King's College London	United Kingdom
			Sklar	Elizabeth	King's College London	United Kingdom
			Parsons	Simon	King's College London	United Kingdom
			Curcin	Vasa	King's College London	United Kingdom
14:30h	12828	SS-05.2-3	Predicting Social Network Users with Depression from Simulated Temporal Data			
			Wongkoblapp	Akkapon	King's College London	United Kingdom
			Vadillo	Miguel A.	Universidad Autónoma de Madrid	Spain
			Curcin	Vasa	King's College London	United Kingdom
14:45h	17628	SS-05.2-4	Clustering of Microbiome Data: Evaluation of Ensemble Design Approaches			
			Lončar-Turukalo	Tatjana	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Lazić	Ivan	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Maljković	Nina	University of Novi Sad, Faculty of Technical Sciences	Serbia
			Brdar	Sanja	University of Novi Sad, BioSense Institute	Serbia
14:00h	SESSION -SS-07.1		WIND energy integration in Low Inertia Power System			Multimedia Hall – 1st floor
		Chair:	prof. dr Igor Kuzle, University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia			
14:00h		SS-07.1-1	WIND energy integration in Low Inertia Power System			
			Kuzle	Igor	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
14:15h		SS-07.1-2	Dynamic thermal rating system in Croatian transmission power system			
			Mesić	Krešimir	Croatian Transmission System Operator	Croatia
14:30h		SS-07.1-3	Advanced inter TSO Voltage-VAR Scheduler for coordinated voltage control			
			Rekić	Marko	Croatian Transmission System Operator	Croatia
14:45h		SS-07.1-4	Architecture of new Data Warehouse in HOPS			
			Brejar	Tomislav	Croatian Transmission System Operator	Croatia
15:00h		SS-07.1-5	Energy storage optimization and ancillary services provision potential			
			Holjevac	Ninoslav	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia
			Zidar	Matija	University of Zagreb, Faculty of Electrical Engineering and Computing	Croatia

14:00h	SESSION -IPS.1	Industry panel session	Amphitheater
	Chair:	prof. dr Boris Dumnić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
	Co-chair:	msc. Nikola Vukajlović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
14:00h	IPS.1-1	Continental Automotive d.o.o Novi Sad	Serbia
14:20h	IPS.1-2	Energotehnika Južna Bačka	Serbia
14:30h	IPS.1-3	Schneider Electric DMS	Serbia
14:40h	IPS.1-4	Mecafor Products d.o.o	Serbia
14:50h	IPS.1-5	ABB	Serbia
15:00h	IPS.1-6	IGB Automotive Comp	Serbia
15:10h	IPS.1-7	Precise Casting Plant - LPO DOO Ada	Serbia
15:20h	IPS.1-8	Rodhe & Schwartz	Serbia
15:30h	IPS.1-9	Teledyne LeCroy/Via-Digital	Italy/Slovenia
15:40h	IPS.1-10	Typhoon HIL	Serbia
14:00h	SESSION -TS.1	Technical session: The trends in 5G	Meeting room - 1st floor
	Chair:	Youmna El Bitar, IEEE Region 8 Women in Engineering, Technical University of Munich, Munich, Germany	
	Co-chair:	doc. dr Vinko Lešić, IEEE Region 8 Young Professionals, University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia	
14:00h	TS.1-1	5G: is it worth the buzz?	IEEE WiE and YP
14:50h	TS.1-2	Challenges and successes of women and young professionals in tech	IEEE WiE and YP
20:00h - 23:00h		Gala dinner	

Thursday, 04-July-2019

08:00 - 08:45h		Registration		Entrance hall
09:00h	PLENARY Session - KN5	KEY-NOTE PAPERS		Amphitheater
	Chair:	doc. dr Bane Popadić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
09:00h	KN5-1	Electric Vehicle Charging Technologies		
		Levi	Emil	Liverpool John Moores University
				United Kingdom
10:00h	SESSION -T3.2	Power Engineering and Energy		Amphitheater
	Chair:	prof. dr Emil Levi, Liverpool John Moores University, Liverpool, United Kingdom		
	Co-chair:	doc. dr Dejan Jerkan, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
10:00h	08328	T3.2-1	Investigation on Partial Discharge Activity Inside the Cable Accessories due to Improper Installation of Power Cable Joints	
		Batalović	Mirza	University of Sarajevo, Faculty of Electrical Engineering
		Matoruga	Halid	University of Sarajevo, Faculty of Electrical Engineering
		Berberović	Sead	University of Zagreb, Faculty of Electrical Engineering and Computing
		Matoruga	Mirza	Elektroprenos-Elektroprijenos
				Bosnia and Herzegovina
				Bosnia and Herzegovina
				Croatia
				Bosnia and Herzegovina
10:15h	15828	T3.2-2	Broken Rotor Bar Fault Detection Using Advanced IM Model and Artificial Intelligence Approach	
		Reljić	Dejan	University of Novi Sad, Faculty of Technical Sciences
		Jerkan	Dejan	University of Novi Sad, Faculty of Technical Sciences
		Kanović	Željko	University of Novi Sad, Faculty of Technical Sciences
				Serbia
				Serbia
				Serbia
10:30h	10228	T3.2-3	Hybrid Method for Islanding Detection of Distributed Generators in LV Distribution Network	
		Mlakić	Dragan	JP ELEKTROPRIVREDA HZHB
		Nikolovski	Srete	University of Osijek, Faculty of Electrical Engineering, computer science and ICT
		Baghaee	Hamid Reza	Amirkabir University of Technology Department of Electrical Engineering
				Bosnia and Herzegovina
				Croatia
				Iran
10:45h	16028	T3.2-4	EMF calculations of the salient pole synchronous generator with variable speed using 2D finite element method	
		Vujkov	Kristina	University of Novi Sad, Faculty of Technical Sciences
		Dumnić	Boris	University of Novi Sad, Faculty of Technical Sciences
		Jerkan	Dejan	University of Novi Sad, Faculty of Technical Sciences
		Vujkov	Barbara	University of Novi Sad, Faculty of Technical Sciences
		Jerkan	Petar	University of Novi Sad, Faculty of Technical Sciences
				Serbia
				Serbia
				Serbia
				Serbia
11:15h	05928	T3.2-5	Microwave-based Wireless Power Transfer using Beam Scanning for Wireless Sensors	
		Lee	Kwonhong	Korea Electronics Technology Institute
		Kim	Jinhyoung	Korea Electronics Technology Institute
		Cha	Cheolung	Korea Electronics Technology Institute
				Republic of Korea
				Republic of Korea
				Republic of Korea
10:00h	SESSION -T1.4	Information, Communication and Technology		Multimedia Hall – 1st floor
	Chair:	prof. dr Amaricaî Alexandru, University Politehnica Timisoara, Timisoara, Romania		
	Co-chair:	prof. dr Milan Sećujski, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
10:00h	06928	T1.4-1	Internet of Things Solution for Intelligent Air Pollution Prediction and Visualization	
		Korunoski	Mladen	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Risteska Stojkoska	Biljana	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Trivodaliev	Kire	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
				N. Macedonia
				N. Macedonia
				N. Macedonia
10:15h	07128	T1.4-2	Evaluating the Scalability of a Big Data IoT Cloud Solution	
		Korunoski	Mladen	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
		Gushev	Marjan	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
				N. Macedonia
				N. Macedonia

10:30h	07228	T1.4-3	Programmable vs. Fixed Function Pipeline in Real-Time Computer Graphics		
			Korunoski	Mladen	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
			Gushev	Marjan	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
			Zdraveski	Vladimir	Ss. Cyril and Methodius University in Skopje, Faculty of Computer Science and Engineering
					N. Macedonia
10:45h	07428	T1.4-4	An Approach to Web-based Visualization of Automatically Generated Data Models		
			Dujlovic	Igor	University of Banja Luka, Faculty of Electrical Engineering
			Obradovic	Nikola	University of Banja Luka, Faculty of Electrical Engineering
			Kelec	Aleksandar	University of Banja Luka, Faculty of Electrical Engineering
			Brdjanin	Drazen	University of Banja Luka, Faculty of Electrical Engineering
			Banjac	Goran	University of Banja Luka, Faculty of Electrical Engineering
			Banjac	Danijela	University of Banja Luka, Faculty of Electrical Engineering
					Bosnia and Herzegovina
11:00h	08728	T1.4-5	Competitive Game Theory Approach of Energy Efficiency ICT Model in Multiplayer Market		
			Bimbiloski	Igor	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
			Rakovic	Valentin	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
			Sefidanoski	Anis	Faculty of Informatics European University
			Risteski	Aleksandar	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
					N. Macedonia
11:15h	09728	T1.4-6	A Log-Likelihood Ratio based Generalized Belief Propagation		
			Amaricai	Alexandru	University Politehnica Timisoara
			Bahrami	Mohsen	University of Arizona
			Vasic	Bane	University of Arizona
					Romania
					United States
					United States
10:00h	SESSION -T1.5		Information, Communication and Technology		Multimedia Hall – 2nd floor
		Chair:	prof. dr Nikola Đurić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia		
10:00h	10128	T1.5-1	Low overhead XOR algorithms for the Broadcast Erasure Channel with Feedback		
			Athanasiadou	Sophia	Aristotle University of Thessaloniki
					Greece
10:15h	10628	T1.5-2	Comparative EMF monitoring campaign over the campus area of the University of Novi Sad		
			Kljajic	Dragan	University of Novi Sad, Faculty of Technical Sciences
			Djuric	Nikola	University of Novi Sad, Faculty of Technical Sciences
			Kasas-Lazetic	Karolina	University of Novi Sad, Faculty of Technical Sciences
					Serbia
10:30h	13128	T1.5-3	Applicability of Generalized Metropolis-Hastings Algorithm in Wireless Sensor Networks		
			Kenyeres	Martin	Slovak Academy of Sciences , Institute of Informatics
			Kenyeres	Jozef	Sipwise GmbH
					Slovakia
					Austria
10:45h	13628	T1.5-4	Bluetooth Low Energy-based Smart Home Android Solution		
			Porjazoski	Marko	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
			Latkoski	Pero	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
			Popovski	Borislav	Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information
					N. Macedonia
11:00h	13828	T1.5-5	On the use of prediction in Passive Optical LANs for healthcare latency-stringent applications		
			Tziroglou	Georgios	Aristotle University of Thessaloniki, Department of Informatics
			Valkanis	Anastasios	Aristotle University of Thessaloniki, Department of Informatics
			Kyriakopoulos	Constantine	Aristotle University of Thessaloniki, Department of Informatics
			Papadimitriou	Georgios	Aristotle University of Thessaloniki, Department of Informatics
			Nicopolitidis	Petros	Aristotle University of Thessaloniki, Department of Informatics
					Greece
11:15h	14228	T1.5-6	A Ka-Band Front-End in 100nm GaAs Process for In-Band Full Duplex Communications		
			Cetin	Beyzat Talat	Aselsan
			Önol	Can	Aselsan
			Selcuk	Gokhun	Aselsan
					Turkey
					Turkey
					Turkey
11:30 - 12:00h			Coffee break		

12:00h	SESSION -T3.3	Power Engineering and Energy	Amphitheater
	Chair:	prof. dr Veran Vasić, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
	Co-chair:	prof. dr Igor Kuzle, University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia	
12:00h	14928	T3.3-1	Techno-economic assessment and optimization of the energy storage unit in the distribution network
		Holjevac Ninoslav	University of Zagreb, Faculty of Electrical Engineering and Computing Croatia
		Zidar Matija	University of Zagreb, Faculty of Electrical Engineering and Computing Croatia
		Kuzle Igor	University of Zagreb, Faculty of Electrical Engineering and Computing Croatia
12:15h	15328	T3.3-2	Increasing the Induction Machine Power Capacity using Industrial Frequency Converter
		Vukajlovic Nikola	University of Novi Sad, Faculty of Technical Sciences Serbia
		Milicevic Dragan	University of Novi Sad, Faculty of Technical Sciences Serbia
		Popadic Bane	University of Novi Sad, Faculty of Technical Sciences Serbia
		Dumnic Boris	University of Novi Sad, Faculty of Technical Sciences Serbia
		Jerkan Dejan	University of Novi Sad, Faculty of Technical Sciences Serbia
		Vasic Veran	University of Novi Sad, Faculty of Technical Sciences Serbia
12:30h	10028	T3.3-3	Direct Power Flow in Distribution Networks with Distributed Renewable Energy Sources Integration
		Li Haixiao	Chongqing University China
		Zhou Lin	Chongqing University China
		Wu Hao	Chongqing University China
12:45h	12728	T3.3-4	Towards Virtualization of Operational Technology to Enable Large-Scale System Testing
		Ansari Shoaib	University of Oldenburg, OFFIS-Institute for Information Technology Germany
		Castro Felipe	University of Oldenburg, OFFIS-Institute for Information Technology Germany
		Weller Dennis	University of Oldenburg, OFFIS-Institute for Information Technology Germany
		Babazadeh Davood	University of Oldenburg, OFFIS-Institute for Information Technology Germany
		Lehnhoff Sebastian	University of Oldenburg, OFFIS-Institute for Information Technology Germany
13:00h	13228	T3.3-5	Cost-benefit analysis of the application of a distributed energy sources in the university campus microgrid proposal
		Savić Nemanja	University of Novi Sad, Faculty of Technical Sciences Serbia
		Katić Vladimir	University of Novi Sad, Faculty of Technical Sciences Serbia
		Dumnić Boris	University of Novi Sad, Faculty of Technical Sciences Serbia
		Milićević Dragan	University of Novi Sad, Faculty of Technical Sciences Serbia
		Čorba Zoltan	University of Novi Sad, Faculty of Technical Sciences Serbia
		Katić Nenad	University of Novi Sad, Faculty of Technical Sciences Serbia
13:15h	02028	T3.3-6	Object Detection in Shelf Images with YOLO
		Melek Ceren Gulra	Istanbul Arel University Turkey
		Battini Sonmez Elena	Istanbul Bilgi University Turkey
		Albayrak Songul	Yildiz Tecnical University Turkey

12:00h SESSION -T1.6			Information, Communication and Technology	Multimedia Hall – 2nd floor
Chair:			prof. dr Aleksandar Rikalović, University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	
12:00h	03628	T1.6-1	A Study of Spatial Filter Banks with a Luneburg Lens	
			Apostolov Peter	South-West University Bulgaria
			Stefanov Alexey	South-West University Bulgaria
			Nedyalkov Ivan	South-West University Bulgaria
12:15h	14628	T1.6-2	Fuzzy Expert System for Risk Assessment After Nipple-Sparing Mastectomy in Breast Cancer Patients	
			Radovanovic Zoran	University of Novi Sad, Faculty of Medicine Serbia
			Rikalovic Aleksandar	University of Novi Sad, Faculty of Technical Sciences Serbia
			Ralevic Nebojsa	University of Novi Sad, Faculty of Technical Sciences Serbia
			Tesic Zdravko	University of Novi Sad, Faculty of Technical Sciences Serbia
			Simeunovic Nenad	University of Novi Sad, Faculty of Technical Sciences Serbia
			Bajic Bojana	University of Novi Sad, Faculty of Technical Sciences Serbia
12:30h	15228	T1.6-3	Secure Communication with Non-Causal Side Information in the Low-SNR Regime	
			El-Halabi Mustafa	American University of Science and Technology Lebanon
			Ghantous Milad	International University of Beirut Lebanon
12:45h	15928	T1.6-4	On Average Consensus Algorithm over Mobile Wireless Sensor Networks Modelled as Stationary Markovian Evolving Graphs	
			Kenyeres Martin	Slovak Academy of Sciences, Institute of Informatics Slovakia
			Kenyeres Jozef	Sipwise GmbH Austria
13:00h	04928	T1.6-5	Service-based Interface Selection Scheme for V2V Network Communication	
			Teixeira Lincoln	Budapest University of Technology and Economics Hungary
			Huszák Árpád	Budapest University of Technology and Economics Hungary
13:15h	16828	T1.6-6	Distribution of the Absorbed Mobile Phone Energy at 1.8 and 2.1 GHz in a Child Head Model	
			Stanković Vladimir	University of Niš, Faculty of Occupational Safety Serbia
			Marković Vera	University of Niš, Faculty of Electronic Engineering Serbia
			Jovanović Dejan	University of Niš, Faculty of Electronic Engineering Serbia
			Krstić Dejan	University of Niš, Faculty of Occupational Safety Serbia
			Cvetković Nenad	University of Niš, Faculty of Electronic Engineering Serbia
13:30h	Closing ceremony			Amphitheater
14:00h - 15:00h	LUNCH			