

Thursday, 28 March 2019		
Time interval	Room	Program
8:00 - 9:00		Registration
9:00 - 9:30		Opening Ceremony
9:30 - 10:30		Keynote Speech by Prof. Kwang-Cheng Chen
10:30 - 11:00		Coffee Break
11:00 - 12:00		Keynote Speech by Prof. Constantinos B. Papadias
12:00 - 13:30		Welcome Cocktail & Lunch
13:30 - 15:00		Technical Session 1 Chair: Agata Manolova
	Papers	<p>280689 A Queue in Overall Telecommunication System with Quality of Service Guarantees</p> <p>280694 On-site Measurements of TETRA Standard Emission Disturbing Interference</p> <p>280696 Anthropomorphic EMG-driven Prosthetic Hand</p> <p>280891 An Overview of Methods of Reducing the Effect of Jamming Attacks at the Physical Layer of Wireless Networks</p> <p>279427 Parallelism in signature based virus scanning with CUDA</p>
15:00 - 15:30		Coffee Break
15:30 - 17:15		Technical Session 2 Chair: Georgi Iliev
	Papers	<p>281101 Data Analytics for Home Air Quality Monitoring</p> <p>280274 Framework for Next Generation of Digital Healthcare Systems</p> <p>280695 Evaluation of Channel Estimation Algorithms using Practically Measured Channels in FDD Massive MIMO</p> <p>280899 ECG -based human emotion recognition across multiple subjects</p> <p>280217 Video Signal Recovery from the Smartphones Touchscreen LCD Display</p> <p>280258 Hybrid Noise-Resilient Deep Learning Architecture for Modulation Classification in Cognitive Radio Networks</p>
17:15 - 18:30		Special Session: IoT Security in the Digital Transformation Era Chair: S.Kyriazakos
	Papers	<p>281609 On how Instantaneous Path Loss Modeling is a need of Internet of Drones based Intelligent Aerial Infrastructure</p> <p>282077 Facial analysis method for estimation of pain intensity</p> <p>282016 Real Time Analysis of Weather Parameters and Smart Agriculture using IoT</p> <p>280930 A novel MAMP antenna array configuration for efficient beamforming</p>
20:00 - 23:00		Gala Dinner
Friday, 29 March 2019		
Time interval	Room	Program
8:00 - 9:00		Registration
9:00 - 10:45		Technical Session 3 Chair: Zlatka Valkova-Jarvis
	Papers	<p>281548 ANN Modelling of Planar Filters Using Square Open Loop DGS Resonators</p> <p>281605 Wireless Smart Monitoring of Patient Health Data in a Hospital Setup</p> <p>281543 Ground Sky Imager Based Short Term Cloud Coverage Prediction</p> <p>281535 A novel portable tracking device with Kalman filter for hand and arm rehabilitation applications</p> <p>281577 Game and Multisensory Driven Ecosystem to an Active Lifestyle</p>
10:45 - 11:15		Coffee Break
11:15 - 12:30		Technical Session 4 Chair: Lijana Gavrilovska
	Papers	<p>279794 GPU Extended Stock Market Software Architecture</p> <p>280607 Providers' and Consumers' Mutual Benefits in Energy Efficiency Model with elements of Cooperative Game Theory</p> <p>280896 Low Power Wide Area Networks Operating in the ISM Band - Overview and Unresolved Challenges</p> <p>280897 The analysis of Key Performance Indicators (KPI) in 4G/LTE networks</p> <p>280700 Continuous remote ammonia monitoring by air quality measurement and communication system</p>
12:30 - 14:00		Lunch
14:00 - 15:45		Special Session: Enhanced IoT Technologies and Applications in the 5G Densification Era Chair: Octavian Fratu
	Papers	<p>281602 EEG Signal Processing: Applying deep learning methods to identify and classify epilepsy episodes</p> <p>281332 Improved Remote Control System for Analog Audio Mixers Featuring Internet of Things Elements</p> <p>281534 Low-power intelligent displaying system with indoor mobile location capability</p> <p>281536 Spatial multiplexing MIMO 5G-SDR open testbed implementation</p> <p>281523 IoT open architecture Ground Control System by adaptive fusion intelligent interfaces for robot vectors applied to 5G network Densification Era</p> <p>281504 Overview of IoT basic platforms for precision agriculture</p>
15:45 - 16:15		Coffee Break
16:15 - 18:00		Special Session: Virtual Engineering and Simulations Chair: Vladimir Poulkov
	Papers	<p>281266 Creation of custom implants using 3D modeling based on CT-scan data and virtual prototypes – Part I</p> <p>281267 Creation of custom implants using 3D modeling based on CT-scan data and virtual prototypes – Part II</p> <p>281272 Design development based on virtual prototypes</p> <p>281264 Implementation of piezoelectric actuators for pilot valve of high response hydraulic servo valve</p> <p>281271 Design considerations through study of thermal behavior of Smart Poles</p>
18:10 - 18:30		Closing Ceremony