

KTTO 2017

17th Knowledge in Telecommunication Technologies and Optics 2017

Monday – 4th September, 2017

13:00 – 14:00	Departure from Department of Telecommunications – Ostrava by cars
13:00 – 14:30	Departure from Ostrava – Svinov railway station by cars up to schedule – we will be waiting expecting trains from Prague, Zilina, Kosice and Bratislava in the case of their delay
14:00 – 19:00	Arrival, accommodation and registration at Hotel KaM
15:45	KTTO 2017 Opening session (Miroslav Voznak)
16:00 – 17:00	Invited speech of Prof. HAKKI GOKHAN ILK
17:00	Best paper Award (Miroslav Voznak)
17:10 – 17:30	Coffee break
17:30 – 19:00	Workshop of company IS-Wireless: Introduction to 5G educational software
19:30	KTTO 2017 Opening ceremony – banquet dinner and social evening

Tuesday – 5th September, 2017

07:30 – 08:30	Breakfast	
08:30	All conference participants collective photography – meeting at the front of the hotel KaM	
08:45 – 10:30	Session 1 - Networks, modelling and QoS, Chairman: Prof. HAKKI GOKHAN ILK	
10:30 – 10:45	Coffee break	
10:45 – 12:30	Session 2 - IoT, simulation and data processing, Chairman: Doc. JAROSLAV ZDRALEK	
12:45 – 13:45	Lunch	
14:00 – 14:45	Workshop of company ProfinetTest: Visibility into virtual network	
14:45 – 15:00	Coffee break	
16:00 – 18:00	Bowling at Hotel Petr Bezruc	Swimming pool / Whirlpool at Hotel Petr Bezruc
18:30	Dinner – grill party and social evening	

Wednesday – 6th September, 2017

07:30 – 08:30	Breakfast
09:00 – 11:00	Sport activities (table tennis, billiard) / salt sauna at Hotel Petr Bezruc
12:00	Lunch
13:00	Departure from Hotel KaM by cars
Approx. 13:45	Arrival at Ostrava – Svinov railway station
Approx. 14:00	Arrival at Department of Telecommunications, VSB – TUO

Detailed programme of the sessions

Session 1 - Networks, modelling and QoS, Chairman: Prof. HAKKI GOKHAN ILK

Juraj Skunda	Dimensioning of home subscriber server in IP multimedia subsystem
Jan Skapa	Human detection system by fusing depth maps-based method and convolution neural network- based method
Juraj Bienik	Impact of constant rate factor on objective video quality assessment
Juraj Bienik	Influence of bit depth on subjective video quality assessment for high resolutions
Mindaugas Kurmis	Development of method for service support management in vehicular communication networks
Patrik Kamencay	A new method for face recognition using convolutional neural network
Miroslav Uhrina	Influence of chroma subsampling on subjective video quality assessment for high resolutions

Session 2 - IoT, simulation and data processing, Chairman: Doc. JAROSLAV ZDRALEK

Filip Benes	Development and evaluation of automated system for RFID tag performance measurements
Hakkı Gökhan İLK	A novel derivative-based classification method for hyperspectral data processing
Martin Matis	Analysing of primary user's influence in CR-MANET
David Hrabcak	Social based mobility model with metrics for evaluation of social behaviour in mobility models for MANET-DTN networks
Jiri Vodrazka	Transmission capacity estimation for the medium voltage level of smart grid
Ondrej Vondrous	Simulation of the application layer in narrowband networks with conditional data injection xml scheme based on universal data generator
Lukas Vojtech	Software implementation of secure firmware update in IoT concept