

Blansko 2016



Monday 29th

12:00	Registration / Lunch
13:00	Opening
13:15	Arm Jakub Real-time Virtual Machine Simulator with Collision Detection
13:30	Báňa Josef Parallel computing on graphics cards and possible contemporary solutions
13:45	Cupal Miroslav 3D Textile Integrated TIW Horn Antenna for UWB Wireless Link
14:00	Dvořák Jan Electronically Reconfigurable Universal Frequency Filter with Controllability of its Pole Frequency
14:15	Dvorak Vojtech High Precision Motor Control in FPGA for Space Applications
14:30	Havlíček Jaroslav Arrangements of capacitively loaded dipoles for 20 bit chipless RFID tag
14:45	Hubka Patrik Textile Linearly Polarized HMSIW U-Slot antenna for Off-Body Communication
15:00	Break
15:30	Mego Roman Implementation of retargetable configurable CORDIC algorithm for FPGA devices
15:45	Krejčí Lukáš Model-Based Testing Framework with Automatic Testing Priority Assignment for Automotive Distributed Systems
16:00	Kufa Jan High Frame Rate Video: Is It Always Better?
16:15	Němcová Andrea Compression of ECG signals using SPIHT – alternatives to wavelet transform
16:30	Smíšek Radovan Detection of QRS Notching Using Continuous Wavelet Transform
16:45	Maršánová Lucie Detection of P, QRS and T Components of ECG Using Phasor Transform
19:00	Dinner

Tuesday 30th

7:30 – 8:30	Breakfast
10:00	Jiří Janošík (Rohde and Schwarz) Rohde & Schwarz product overview + signal analysis with a digital oscilloscope RTO2000 (live demonstration)
11:00	Break
11:30	Kotol Martin The Neural models for different training algorithms
11:45	Mrnka Michal Low Temperature Co-Fired Ceramics for High Radiation Efficiency Antenna Design
12:00	Kupková Kristýna Correlated Mutation Analysis Improvement by Proteomic Signal Processing
12:15	Novák Marek Lockless Shared Memory Based Multicore Communication Protocol
12:30	Lunch
13:30	Polák Josef Automated measuring system used to measure input and output impedances of current amplifiers
13:45	Schneider Ján Using UWB impulse radar system for measuring of wideband antenna parameters and its comparison
14:00	Liberdová Ivana Video Quality Assessment in experimental retinal imaging
14:15	Starý Vadim UAS Model Using WEBOTS Robot Simulator
14:30	Jaroslav Rýmus (ESI group)
15:00	Break
15:30	Vélim Jan Analysis of Microstrip Line Relative Permittivity Measurement
16:00	Vašina Petr Study of wearable antenna for 2.4 GHz ISM frequency band
16:15	Vychodil Josef System Impulse Response Measurement Using M-sequences in the Presence of Non-linearities
16:30	Zach Ondřej When the Numbers Speak - Hidden Statistics of a Crowdsourcing QoE Study
17:00	Krutílek David Design and Limitations of the Metal – Composite Hybrid Joint Structures
19:00 – 23:59	Social evening

Wednesday 31st

7:30 – 8:30 Breakfast

8:30 – 10:00 Check out