

# Kohutka 2015

## Conference program



### Monday 17<sup>th</sup>

12 <sup>00</sup> - 13 <sup>00</sup>	<b>Registration</b>
13 <sup>00</sup> - 13 <sup>15</sup>	<b>Opening</b>
13 <sup>15</sup> - 13 <sup>30</sup>	<b>Jakub Arm, Zdenek Bradac</b> Hardware Scheduler Monitor
13 <sup>30</sup> - 13 <sup>45</sup>	<b>Sang Van Doan, Dalibor Biolek, Jiri Vavra, Zdenek Kolka</b> Emulation of Memristive System Based on Digital Processing with Using Digital Potentiometer
13 <sup>45</sup> - 14 <sup>00</sup>	<b>Patrik Hubka, Jaroslav Lacik</b> Parametric Study of HMSIW Linearly Polarized U-Shape Slot Antenna
14 <sup>00</sup> - 14 <sup>15</sup>	<b>Eva Klejnova</b> Comparison of Methods for AR Coefficients Estimation
14 <sup>15</sup> - 14 <sup>30</sup>	<b>Martin Kotol</b> Estimation of Statistical Parameters of the Digital Signal Using Artificial Neural Networks
14 <sup>30</sup> - 14 <sup>45</sup>	<b>Jan Kufa, Tomas Kratochvil</b> Impact of Predefined Quality Profiles in H.265 to Video Quality and Speed of Encoding
14 <sup>45</sup> - 15 <sup>00</sup>	<b>Martin Kufa</b> Filtering Antennas: Introduction of Different Concepts
<b>Break</b>	
15 <sup>30</sup> - 15 <sup>45</sup>	<b>Jiri Lambor</b> Study of Radiation Properties of SIW Horn Antenna at 60 GHz
15 <sup>45</sup> - 16 <sup>00</sup>	<b>Ondrej Manas, Roman Marsalek, Ahmed Elsokary, Vaclav Valenta</b> Implementation of Cyclostationary Based Detection
16 <sup>00</sup> - 16 <sup>15</sup>	<b>Martin Matis, Lubomir Dobos, Jan Papaj</b> Velocity Impact on Multi-Hop Communication in MANET Environment
16 <sup>15</sup> - 16 <sup>30</sup>	<b>Roman Mego</b> Hi-Speed USB Communication with FPGA
16 <sup>30</sup> - 16 <sup>45</sup>	<b>Michal Mrnka</b> Higher-Order Modes in Dielectric Resonator Antennas
16 <sup>45</sup> - 17 <sup>00</sup>	<b>Martin Pospisil, Roman Marsalek</b> Digital Predistortion - from MATLAB Simulation to Fixed Point Implementation in USRP

## Tuesday 18<sup>th</sup>

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10 <sup>00</sup> - 11 <sup>00</sup>	<b>Jiri Janosik (Rohde &amp; Schwarz)</b> New way how to use an oscilloscope
<b>Break</b>	
11 <sup>15</sup> - 12 <sup>15</sup>	<b>Matej Pacha (IEEE)</b> (Topic will be announced)
<b>Lunch</b>	
13 <sup>30</sup> - 13 <sup>45</sup>	<b>Jan Schneider, Jan Gamec, Daniel Novak, Alena Pietrikova</b> Quality of Solder Joints in Automotive Electronics after Accelerated Aging Tests
13 <sup>45</sup> - 14 <sup>00</sup>	<b>Lubos Struharnansky, Matej Pacha</b> Combined System for Testing of AC Traction Motors
14 <sup>00</sup> - 14 <sup>15</sup>	<b>Jan Velim, Zbynek Raida</b> The Influence of Objects on Surface Waves - the Determination of the Reference Obstacle
14 <sup>15</sup> - 14 <sup>30</sup>	<b>Ondrej Zach</b> Current Video Coding - Solutions and Challenges
<b>Break</b>	
14 <sup>45</sup> - 15 <sup>00</sup>	<b>David Krutilek</b> Computational Electromagnetics in Aerospace
15 <sup>00</sup> - 15 <sup>15</sup>	<b>Marie Klimesova</b> Stability of Stochastic Differential Systems
15 <sup>15</sup> - 15 <sup>30</sup>	<b>Zenon Kuder</b> Wireless Network Coding in LTE Relays
<b>Free time</b>	
18 <sup>30</sup> - 23 <sup>59</sup>	<b>Social evening</b>

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## Wednesday 19<sup>th</sup>

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**Check-out**

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