

**Sekce 1 - Pondělí 30.8. 14:30 - 17:30 Salónek***sekci řídí: Jan Puskely*

14:30	Michal Bláha	Design of a metamaterial particle with a negative refractive index
14:45	Milan Valenta	Sensing circuit for CMOS one-time programmable memory block
15:00	Barbora Czipelová	The wave analysis of terminal segment effect on blood pressure and blood flow propagation
15:15	Václav Kotlan	Measurement of Leaky Waves on Slotlines
15:30	Ondrej Hock	Switching element with using FPGA circuit
15:45	Přestávka – občerstvení	
16:15	Adam Stráník	Assessment of fricative consonants on pc: analysis of recording scheme
16:30	Jan Pekárek	Anodic bonding process in MEMS applications
16:45	Peter Hurtuk	Push-pull converter with synchronous rectifiers for electroplating
17:00	Martin Magát	Cold emission measuring
17:15	Martin Priečinský	Digital pi controller for step-down converter

**Sekce 2 - Pondělí 30.8. 14:30 - 17:30 Restaurace***sekci řídí: Petr Kejík*

14:30	Juraj Machaj	Localization in Ad-Hoc Networks Based on Distance Vector Routing Algorithm
14:45	Pavel Protiva	UWB pulse propagation in outdoor environments
15:00	Michal Dvořák	Miniature barometric altimeter for aircraft models
15:15	Jitka Škodová	Polypyrrole nanotubes prepared for chemical sensors by soft-template method
15:30	Zdenek Hrubos	Implementations of a chaotic system based on state equations
15:45	Přestávka – občerstvení	
16:15	Michal Hodoň	Analysis of GPS Signal for Further Statistical Evaluation
16:30	Roman Radil	Passive modeling and simulations of simplified electromagnetic cell model
16:45	Petr Kosina	Thermodynamic Flow Sensor
17:00	Radek Dvořák	Microwave Vector measurement by using sixport method
17:15	Daniel Urdzík	Performance comparison of cfar detectors for uwb radars

**Sekce 3 - Úterý 31.8. 10:00 - 11:30 Salónek**

*sekci řídí: Radek Dvořák*

10:00	Roman Sotner	Multifunctional multiloop 4th order active filter based on transconductors ....
10:15	Katarína Isteníková	Dependence of Scattering Parameters on Dielectric Properties and Thickness of Biological Sample
10:30	Filip Fikejz	Sonification of EEG
10:45	Dušan Zámečník	Design of model predictive controller with simple use of mpt toolbox
11:00	Martin Širůček	Partial discharges measurement in oil filled transformer boards
11:15	Mária Michniaková	Pulsed and harmonic excitation in eddy current non-destructive testing

**Sekce 4 - Úterý 31.8. 10:00 - 11:30 Restaurace**

*sekci řídí: Jan Kovář*

10:00	Eva Vozáriková	Towards to the surveillance system based on the acoustic events detection
10:15	Tomáš Váry	Propagation of the surface plasmon polaritons through layered structures
10:30	Robert Krejčí	Use PHP preprocessor for generating source codes in C programming language
10:45	Peter Vizslay	Lda-based feature extraction in automatic speech recognition
11:00	Jan Bartošek	The use of prosody in speech recognition systems, punctuation detector for Czech speech
11:15	Marcel Alman	Material thickness variations and their influence on penetration depth in ECT

**Sekce 5 - Postery**

**Středa 1.9. 10:00 - 11:00 Salónek**

<b>Petr Kejík</b>	<b>Coexistence of several systems in 2.4 GHz frequency band</b>
Jakub Serafin	Implementing best practice frameworks
<b>Martin Koutný</b>	<b>Implementation of the network protocols to the Network Simulator 2</b>
Michal Mrajca	The next steps for ict service providers
<b>Inas Abuettwirat</b>	<b>Dielectric and Electric properties of niobium oxide electrolytic capacitor</b>
Mousa Sattouf	Direct torque control for induction motors drives
<b>Stanislav Štofán</b>	<b>Methods for kinematic analysis of beating objects</b>
Miroslav Uhrina	Comparison of h.264/avc video encoders using different objective video quality metrics
<b>Ján Barabáš</b>	<b>Cell dynamics modeling</b>
Karel Povalač	Update of web book describing radio communication theory
<b>Jitka Svobodová</b>	<b>Optimization of the neural network for the signal prediction using evolutionary programming</b>