

## Tuesday, July 5, 2016

8:00-17:00	<b>Registration</b>	
9:30-10:00	<b>Opening Ceremony</b> <span style="float: right;">Aula</span>	
10:00-11:00	<b>Plenary lecture</b> <span style="float: right;">Aula</span> <i>Prof. Piotr Kulicki</i> <i>Formal ontology in scientific information systems. The case of agri-food sciences</i>	
11:00-11:30	<b>Coffee break</b>	
11:30-13:00	<b>Reliability Workshop</b> <span style="float: right;">126</span>	<b>IDT Session</b> <span style="float: right;">127</span>
	<i>G. Koshkin, I. Fuks</i> Smooth Kernel Estimation of the Hazard Rate Function and its First and Second Derivatives	<i>C. Dobrean, M. Biriescu, P. Laurentiu, T. Jurca, J. Marcel-Romulus, P. Ioan</i> Centring in Magnetic Field of Synchronous Generators Rotor Using Virtual Instrumentation
	<i>C. Rimescu, F.M. Frigura-Iliasa, S. Musuroi, D. Vatau</i> Technical Solution for a Command and Control Interface on a Small Residential Heating	<i>D. Tarnapowicz</i> Reduction of the Fire Risk in the Aspect of Ground Currents in Ship Electrical Grid LV Type IT
	<i>T. Ahrens, M. Rajab, J. Freudenberger</i> Compression of Short Data Blocks to Improve the Reliability of Non-volatile Flash Memories	<i>S. Czapp, K. Dobrzynski, J. Klucznik, Z. Lubosny</i> Impact of Configuration of Earth Continuity Conductor on Induced Sheath Voltages in Power Cables

	<i>A. Blokus-Roszkowska, B. Kwiatuszewska-Sarnecka</i> Reliability Analysis of the Bulk Cargo Transportation System with Independent and Dependent Redundancy of its Components	<i>S. Czapp, M. Czapp, M. Orłowska</i> Numerical and Experimental Investigation of Thermal Convection near Electric Devices with Vertical Channels
	<i>M. Jękot, M. Niemiec</i> IT Risk Assessment and Penetration Test: Comparative Analysis of IT Controls Verification Techniques	<i>D. Dobriborsci, N. Nikolaev, M. Artemeva, O. Slita, O. Nuyya</i> NI ELVIS II in the Concept of Cognitive and Active Learning Technologies
13:00-14:00	<b>Lunch</b>	
14:00-15:20	<b>Reliability Workshop</b> <span style="background-color: #0056b3; color: white; padding: 2px;">126</span>	<b>IDT Session</b> <span style="background-color: #0056b3; color: white; padding: 2px;">127</span>
	<i>M. Dossis, I. Androulidakis</i> High-level Synthesis-based Signal Coding	<i>M. Lukac, A. Zhutanov, A. Ospanova</i> High-Level Verification of Multi-Object Segmentation
	<i>A. Blokus-Roszkowska, B. Kwiatuszewska-Sarnecka, J. Soszyńska-Budny</i> Reliability and Risk Improvement of the Maritime Ferry Technical System	<i>G. Madikenova, A. Galimuratova, M. Lukac</i> Threat Detection in Episodic Images
	<i>R. Vashchenko, A. Stepovoy, A. Bazhanov, V. Magergut</i> Application of the Model Based on Fuzzy Behavior Charts in the Advising Control System of Rotary Cement Kiln	<i>M. Uhrina, J. Bienik, M. Vaculik</i> Procedure for Mapping of Objective Video Quality Metrics to Subjective MOS Scale of VP 9 Compression Standard for Full HD Resolution
	<i>V. Kouliaridis, V. Vlachos, I. Androulidakis, I. Savvas</i> SIRTOS: A Simple Real-Time Operating System	<i>M. Svoboda, L. Matiu-Iovan, M. Frigura-Iliasa, D. Vatau</i> New Interpolation Tools for Digital Signal Processing

15:20-15:50	<b>Coffee break</b>	
15:50-17:10	<b>Reliability Workshop</b> <span style="float: right;">126</span>	<b>IDT Session</b> <span style="float: right;">127</span>
	<i>V. Kharchenko, H. Fesenko, A. Sachenko</i> Reliability and Survivability Models of Integrated Drone-Based Systems for Post Emergency Monitoring of NPPs	<i>M. Václavková, K. Grondzak</i> Application of Analysis Patterns for Modelling of Type Positions Information System
	<i>M. Kvassay, E. Zaitseva, V. Levashenko, J. Kostolny</i> Binary Decision Diagrams in Reliability Analysis of Standard System Structures RT	<i>K. Kim, G. Koshkin, V. Smagin</i> Control Strategies for Discrete Delayed Systems with Unknown Input Using Nonparametric Algorithms
	<i>B. Babiarz</i> Reliability Analysis in Subsystem of Heat Supply	<i>J. Panus, H. Jonášová, K. Kantorová, M. Doležalová</i> Customer Segmentation Utilization for Differentiated Approach
	<i>Y. Artsiomchyk, H. Zhivitskaya</i> Supply Chain Reliability Analysis and Performance Measurements	<i>S. Šimonová</i> Identification of IT-Service Metrics for a Business Process when Planning a Transition to Outsourcing
	<i>M. Kvassay, V. Levashenko, E. Zaitseva, T.M. Deserno, V. Voski</i> Qualitative Evaluation of Faults (Mathematical Incorrectness) in Anatomical Model for Ultrasound Guided Regional Anesthesia Simulator	<i>A. Bazhanov, D. Yudin, V. Porkhalo, E. Karikov</i> Control System of Robotic Complex for Constructions and Buildings Printing

		M. Kochlan, S. Zak, M. Hodon, J. Micek, M. Hudik Performance of Open Voltage Control Algorithm for Sensor Node Power Management Unit
19:00	<b>Conference Banquet</b>	<b>Hotel Hilton Garden Inn</b>

## Wednesday, July 6, 2016

9:00-13:00	<b>Registration</b>	
9:30-10:30	<b>Plenary lecture</b> <i>Dr Paul Barach</i> <i>Designing High-Reliability Health Care Teams</i>	<b>Aula</b>
10:30-11:00	<b>Coffee break</b>	
11:00-12:40	<b>IDT Session</b> <b>126</b>	<b>Workshop: DSRWA</b> <b>127</b>
	<i>S. Kovář, J. Valouch, H. Urbančoková, M. Adámek</i> Impact of Security Cameras on Electromagnetic Environment in Far and Near-Field	<i>V. Sidorov, S. Matskevich</i> Discrete-Analytical Solution of The Unsteady-State Heat Conduction Transfer Problem Based on The Finite Element Method
	<i>I. Dolińska, M. Jakubowski, A. Masiukiewicz, M. Szeszko</i> Fairness Calculation on the Base of the Station Media Access Time in Wi-Fi Networks	<i>Ch. El-Nouty</i> The Increments of a Sub-fractional Brownian Motion
	<i>I. Dolińska, A. Masiukiewicz, G. Rządowski, M. Jakubowski</i> Algorithms for Channels Assignment in 802.11 Networks	<i>N. Osmolovskii</i> On Second-Order Optimality Conditions in Optimal Control

	<i>V. Hanušniak, M. Joštiak, M. Záborský, L. Takáč</i> Precision Smartphones Sensors Time Synchronization	<i>D. Filatova, Ch. El-Nouty</i> Parametric Estimation of a Prey-predator Model with Allee Effect
	<i>J. Kudelka, T. Martinek, M. Navratil, V. Kresalek</i> The Effect of Tip Speed in AFM Scratching	<i>O. Mason, J. Baratgin, F. Jamet, F. Ruggieri, D. Filatova</i> Use a Robot to Serve Experimental Psychology: Some Examples of Methods with Children and Adults
12:40-13:40	<b>Lunch</b>	
14:00	<b>Trip to Łańcut Castle</b>	

## Thursday, July 7, 2016

9:00-13:00	<b>Registration</b>	
9:30-10:30	<b>Plenary lecture</b> <i>Prof. Vyacheslav Kharchenko</i> <i>Critical (Cyber) Computing: Challenges and Cases for Industry and Human Domains</i>	<b>Aula</b>
10:30-11:00	<b>Coffee break</b>	
11:00-12:40	<b>IDT Session</b> <b>126</b>	<b>Biomedical Workshop</b> <b>127</b>
	<i>W. Paja</i> A Preliminary Attempt to Attribute Selection using Split-and-Rank Tool	<i>R. Briš, Ž. Miklová, M. Litschmannová, L. Martínek</i> Comparison of Different Surgery Operation Techniques

	<p><i>K. Pancierz, P. Grochowalski, W. Paja</i></p> <p>On Selected Data Preprocessing Procedures with the Classification and Prediction Software System (CLAPSS)</p>	<p><i>J. Majernik, D. Schwarz, L. Szerdiova, J. Živčák</i></p> <p>Integration of Virtual Patients into Modernizing Activities of Medical Education across MEFANET</p>
	<p><i>V. Olesnanikova, O. Karpis, M. Chovanec, P. Šarafín, R. Zalman</i></p> <p>Water Level Monitoring Based on the Acoustic Signal Using the Neural Network</p>	<p><i>N. Wijesinghe, P.W.C. Prasad, A. Alsadoon, A. Elchouemi</i></p> <p>Usability Evaluation of Electronic Health Records Using User Integrated Heuristic Walkthrough Method</p>
	<p><i>P. Šarafín, M. Revák, M. Chovanec, P. Ševčík</i></p> <p>Self-tuning Input Shaper Modelling</p>	<p><i>R.K. Gurung, A. Alsadoon, Ch. Withana, A. Elchouemi</i></p> <p>Impacts of Mobile Cloud Learning (MCL) on Blended Flexible Learning (BFL)</p>
	<p><i>H. Supic</i></p> <p>A Model of a Case-based Approach to Context-aware Content Sequencing in Mobile Learning Environments</p>	<p><i>S. Stankevich, S. Shklyar, V. Podorvan, N. Lubskyi</i></p> <p>Thermal Infrared Imagery Informativity Enhancement Using Sub-pixel Co-registration</p>
	<p><i>G. Rongrong</i></p> <p>Detecting Seam Carved Images Using Uniform Local Binary Patterns</p>	<p><i>O. Nedzvedz, S. Ablameyko, S. Uchida</i></p> <p>Extraction and Tracking Living Cells in Medical Images</p>
		<p><i>S. Subbotin</i></p> <p>Neural Network Modeling of Medications Impact on the Pressure of a Patient with Arterial Hypertension</p>
12:40-13:00	<b>Closing Ceremony</b>	



# Venues

**Pigonia Str.**

- *Conference*



**Rejtana Av.**

**Kopisto Av.**

- *Lunches*
- *Conference*
- *Banquet*



**Rejtana Av.**