

CS&P 2019 Schedule

Tuesday, 24.09.2019	
08:30	Greeting and registration
09:00	Keynote speech <i>"Strategy Synthesis"</i> Holger Schlingloff
10:00 - 10:20	Coffee break
10:20 - 11:20	Session 1 - Rough Sets I 1. On logical and mereological renderings of the Bayes theorem Lech Polkowski 2. Applications of Tolerance Rough Set Model Semantic Text Analysis Hung Son Nguyen
11:30 - 12:30	Session 2 - Decision representations 1. Computing with Natural Numbers in Cause-Effect Structures Ludwik Czaja 2. Decision Trees for Knowledge Representation Mohammad Azad, Igor Chikalov, Mikhail Moshkov (presented by Michał Mańkowski)
12:30 - 13:30	Lunch
13:30 - 14:30	Session 3 - Software security 1. Observations, Testing and Security Damas Gruska and M. Carmen Ruiz 2. Attack Protection Tree Damas Gruska and Aliyu Tanko Ali
16:00 - 19:00	Painting opening at the Institute of Christian Culture. Exhibition dedicated to the memory of Professor Helena Rasiowa

Wednesday, 25.09.2019	
09:00	Keynote speech <i>Toward Data Science Computing Model: Interactive Granular Computing (IGrC)</i> Andrzej Skowron (in cooperation with Soma Dutta and Andrzej Jankowski)
10:00 - 10:20	Coffee break
10:20 - 12:00	Special session dedicated to Professor Helena Rasiowa Memoirs by Andrzej Skowron and Andrzej Jankowski, Victor Marek, Maria Semeniuk-Polkowska and Lech Polkowski, Janusz Czelakowski
12:00 - 12:20	Coffee break
12:20 - 13:20	Session 4 - Theory of automata 1. Checking MTL Properties of Timed Automata with Dense Time using Satisfiability Modulo Theories Agnieszka M. Zbrzezny and Andrzej Zbrzezny 2. A New Definition of Composition of LTIHA Antonia Reißner and Matthias Werner
13:30	Excursion to Gietrzwałd
14:00 - 14:45	Visiting the Sanctuary in Gietrzwałd
15:00	Dinner in Karczma Warmińska, Gietrzwałd

Thursday, 26.09.2019

9:00 - 10:00	Session 5 - Fuzzy logic 1. Optimized Fuzzy Petri Nets and Their Application for Transport Logistics Problem Zbigniew Suraj, Oksana Olar and Yuriy Bloshko 2. A Fuzzy Set Tool in the Classification and Prediction Software System (CLAPSS) Krzysztof Pancierz and Jaromir Sarzyński
10:00 - 10:20	Coffee break
10:20 - 11:20	Session 6 - Specification 1. Emplobot – Design of the System Paweł Drozda, Arkadiusz Talun and Leszek Bukowski 2. Unsupervised Graphical User Interface Learning Przemysław Czaus
11:20 - 12:20	Session 7 - Inclusion systems, reactive systems 1. RIFs as the Formal Tool of Measuring Similarity between Sets Adam Grabowski 2. Modelling Programmable Logic Controllers in Refinement Calculus of Reactive Systems Viorel Preoteasa, Timo Latvala and Kimmo Varpaaniemi
12:30 - 13:30	Lunch
13:30 - 14:30	Session 8 - Rough sets II 1. Rules from granules vs. granulated rules Krzysztof Ropiak 2. Rough Mereology based CFill algorithm for robotic path planning Łukasz Żmudziński
14:30 - 15:30	Session 9 - Learning systems 1. Application of meta-learning methods in recognition of drums on the basis of short soundsamples Tomasz Krzywicki 2. Building an Ensemble of Naive Bayes Classifiers using committee of bootstraps and monte carlo splits for a various percentage of random objects from training set Piotr Artiemjew and Paweł Idzikowski
15:30	Closing of the conference