

Schedule of the CS&P'2008

Groß Väter See

Monday, 29. 09. 2008

Opening Main Session

9:00 Synthesis and Analysis of Net Structures and Transition Graphs

Ludwik Czaja and Manfred Kudlek

9:30 Some methodological remarks inspired by the paper “On inner classes” by

Igarashi and Pierce

A. Salwicki, H. Langmaak, M. Warpechowski

10:00 On minimal inhibitory rules for almost all k-valued information systems

M. Moshkov, A. Skowron, Z. Suraj

10:30 – 11:00 Coffee Break

SECTION A Petri Nets	SECTION B Artificial Intelligence
11:00 <i>Towards a Theory of Task Suspension</i> Berndt Farwer 11:30 <i>Levels of Persistency in Place/Transition Systems</i> K. Barylska, E.Ochmanski 12:00 <i>Generation of Petri Net Models for Data Base Transactions</i> J. van der Werf, K. van Hee, N. Sidorova, M. Voorhoeve	11:00 <i>Discovery of Changes along Trajectories Generated by Process Models Induced from Data and Domain Knowledge</i> H.S. Nguyen, A. Skowron, J. Stepaniuk 11:30 <i>Towards Heterogenity – Homogenity Index of a Test with respect to a Training Set</i> M. Grabowski, K. Wiercholowski 12:00 <i>Two-way optimizations of inference for rule knowledge bases</i> A. Nowak, R. Siminski, A. Wakulicz-Deja
12:30 - 14:00 Lunch	
SECTION A Models with Time	SECTION B Applications in medical domains
14:00 <i>Verifying Timed Security Protocols via Translation to Timed Automata</i> M. Kurkowski, W. Penczek 14:30 <i>Petri Nets with Time Windows: A Comparison with Classical Petri Nets</i> L. Popova-Zeugmann 15:00 <i>Timed Promela Semantics</i> A. Janowska, P. Janowski, W. Nabialek 15:30 <i>Representation of Temporal Logic Formulae in Zing</i> J. Calta	14:00 <i>The problem of data quality in medical research science centers</i> Thomas Schrader, Sabine Hanss, et.al. 14:30 <i>The data Quality Assurance Framework of OpEN.SC</i> Yao Zhou, S. Hanss, et. al. 15:00 <i>Application of Case Retrieval Nets in the OpEN.SC Project</i> F. Hildebrand, G. Lindemann, D. Schmidt 15:30 <i>Ontologies in OpEN.SC – Building an Ontology for the domains Nephrology and Pathology</i> M. Gestewitz, G. Lindemann, D. Schmidt
16:00 – 16:30 Coffee Break	
SECTION A Logic Part I	SECTION B Robotics
16:30 <i>Rough mereological logics with applications to approximate reasoning</i> M. Semeniuk-Polkowska, L. Polkowski 17:00 <i>A Boolean Encoding of Arithmetic Operations</i> A. Zbrzezny 17:30 <i>Sound Global Caching for Abstract Modal Tableaux</i> Rajeev Gore, Linh Anh Nguyen	16:30 <i>Design of Case-Based Behaviour Control for Humanoid Soccer Robot</i> B. El- Bagoury, H.D. Burkhard, A. Salem 17:00 <i>Tesselated Surfaces of Non-Linear Dynamical Systems</i> M. Hild 17:30 <i>A Genetic Encoding for the Evolution of 3D-Morphologies</i> M. Hild, C. Thiele

***** 18:30 Dinner *****

Tuesday, 30. 09. 2008

SECTION A Classification	SECTION B Software Engineering and Architecture
9:00 <i>A Hybrid System for Learning Sunspot Recognition and Classification</i> Sinh Hoa Nguyen, T.T. Nguyen, H.S. Nguyen 9:30 <i>Partial decision rules and partial reducts in classification process</i> B. Zielowski, M. Piliszczuk 10:00 <i>Approximate Assessment of Risc of Classification Systems in the Presence of Granularity</i> M. Szczuka	9:00 <i>JavaΩ: A Preprocessor for Java with m_parameters</i> M. Bellia, E. Occhiuto 9:30 <i>The Case Reiusability in the Evolution of Software Systems</i> S. Mishra, H. Schlingloff 10:00 <i>Debellor: a Data Mining Platform with Stream Architecture</i> M. Wojnarski
10:30 - 11:00 Coffee break	
SECTION A Model Checking, Grammars	SECTION B Multi-Agent Systems and Applications
11:00 <i>Applying classical concepts to Parsing Expression Grammar</i> R. Redziejowski 11:30 <i>Towards Bounded Model Checking for UML</i> A. Niewiadomski, W. Penczek, M. Szreter 12:00 <i>Formal Definition of XCCS Modelling Language</i> H. Balicki, M. Szpyrka	11:00 <i>Multi Agent State and Dynamics Modeling Using Visual Percept Relations</i> A. Block, D. Göhring 11:30 <i>What Agents Can Probably Enforce</i> N. Bulling, W. Jamroga 12:00 <i>Perseus. Software for analysing persuasion process</i> K. Budzynska, M. Kacprzak, P. Rembelski
12:30 -14:00 Lunch	
SECTION A Automata	SECTION B Objects and cdc2
14:00 <i>Multiset Storage Automata</i> M. Kudlek, P. Totzke, G. Zetsche 14:30 <i>A translator of JAVA programs to TADDs</i> B. Wozna, A. Zbrzezny, A. Rataj 15:00 <i>Properties of Multiset Languages Classes Defined by Multiset Storage Automata</i> M. Kudlek, P. Totzke, G. Zetsche	14:00 <i>P Systems with Transport and Diffusion Membrane Channels</i> R. Barbuti, A. M. Schettini, P. Milazzo, S. Tini 14:30 <i>On the Expressiveness of Communication Channels for Object Nets</i> M. Koehler-Bussmeier, F. Heitmann 15:00 <i>Modeling and Evaluation the cdc2 and cyclin Interaction in the Cell Division Cycle with a Time Dependent Petri Net – A Case Study</i> L. Popova-Zeugmann

***** 18:00 BBQ – Dinner *****

Wednesday, 01.10. 2008

SECTION A Logic Part II	SECTION B Knowledge Management
9:00 <i>An Efficient Tableau Prover using Global Caching for the Description Logic ALC</i> Linh Anh Nguyen	9:00 <i>A Knowledge-Intensive CBR Application for Content-Based Retrieval in BULCHINO Catalogue</i> N. Govedarova, S. Stoyanov, I. Popchev
9:30 <i>Set-theoretical Constructions of Boolean Functions</i> B. Rytsar, P. Romanowski	9:30 <i>The outline of an ontology for the rough set theory and its applications</i> P. Grochowalski, K. Pancierz
10:00 <i>Quantifying Information Flow in Process Algebras</i> D. Gruska	10:00 <i>Simulation of Security Protocols based on Scenarios of Attacks</i> G. Jakubowska, W. Penczek, P. Dembinski
10:30 - 11:00 Coffee break	

Closing Main Session

11:00 Constraint Based Multiple Target Tracking

Daniel Göhring, Heinrich Mellmann, Hans-Dieter Burkhard

11:30 A Comparative Account of Timed Event Structures

Irina Virbitskaite, Roman Dubtsov

12:00 Experimenting, Observing, Proving – an old idea and a case study in program verification

Grazyna Mirkowska, Andrzej Salwicki, Oskar Swida

***** **12:30 Lunch and Farewell** *****