

Wednesday, June 27th		Petri Nets	ACSD
08:00	Registration Room: Hörsaal ESA-W-221		
08:30	Opening Session Room: Hörsaal B		
09:00	Joost-Pieter Katoen <i>GSPNs Revisited: Simple Semantics and New Analysis Algorithms</i> Room: Hörsaal B		Chair: J. Brandt
10:00	Break		
10:30	Stochastic Nets Room: Hörsaal ESA-C Chair: S. Haddad		Session 1 Room: Hörsaal ESA-W-221 Chair: J. Desel
	T. Mailund, A. Halager and M. Westergaard	<i>Using Colored Petri Nets to Construct Coalescent Hidden Markov Models: Automatic Translation from Demographic Specifications to Efficient Inference Methods</i>	T. Strazny and R. Meyer <i>An Algorithmic Framework for Coverability in Well-Structured Systems</i>
	S. Spinner, S. Kounev and P. Meier	<i>Stochastic Modeling and Analysis using QPME: Queueing Petri Net Modeling Environment v2.0</i>	L. Mikulski and M. Koutny <i>Hasse Diagrams of Combined Traces</i>
	M. Heiner, M. Herajy, F. Liu, C. Rohr and M. Schwarick	<i>Snoopy -- a unifying Petri net tool</i>	A. Mokhov, V. Khomenko, A. Alekseyev and A. Yakovlev <i>Algebra of Parametrised Graphs</i>
12:00	Lunch Break		
13:45	Process Mining Room: Hörsaal ESA-C Chair: J. Desel		Session 2 Room: Hörsaal ESA-W-221 Chair: T. Chatain
	M. Solé and J. Carmona	<i>SMT-based Discovery Algorithm for C-nets</i>	J. Esparza and C. Kern <i>Reactive and Proactive Diagnosis of Distributed Systems using Net Unfoldings</i>
	W. Van Der Aalst	<i>Decomposing Process Mining Problems Using Passages</i>	S. Linker <i>Translating Structural Process Properties to Petri Net Markings</i>
14:45	Break		
15:00	Bart Jacobs <i>Topics in Computer Security</i> Room: Hörsaal C		Chair: A. Yakovlev
16:00	Break		
16:30	Workflow Nets Room: Hörsaal ESA-O-221 Chair: W. Van der Aalst		Session 3 Room: Hörsaal ESA-W-221 Chair: F. Kordon
	G. Liu, J. Sun, Y. Liu and J. Dong	<i>Complexity of the Soundness Problem of Bounded Workflow Nets</i>	A. Mokhov, V. Khomenko, D. Sokolov and A. Yakovlev <i>On Dual-Rail Control Logic for Enhanced Circuit Robustness</i>
	M. Martos-Salgado and F. Rosa-Velardo	<i>Cost Soundness for Priced Resource-Constrained Workflow nets</i>	A. Mundy, T. Mak, A. Yakovlev, S. Davidson and S. Furber <i>Large-Scale On-Chip Dynamic Programming Network Inferences using Moderated Inter-Core Communication</i>
	E. Badouel	<i>On the alpha-Reconstructibility of Workflow Nets</i>	J. Lechner, M. Lampacher and T. Polzer <i>A Robust Asynchronous Interfacing Scheme with Four-Phase Dual-Rail Coding</i>
18:00			

Thursday, June 28th		Petri Nets	ACSD
09:00	<b>Sir C. A. R. (Tony) Hoare</b> <i>Net Models for Concurrent Object Behaviour</i> <b>Room: Hörsaal A</b>		Chair: M. Koutny
10:00	Break		
10:30	<b>Semantics</b> Chair: L. Pomello <b>Room: Hörsaal ESA-M</b>		<b>Session 4</b> Chair: W. Vogler <b>Room: Hörsaal ESA-W-221</b>
	M. Weidlich and J. M. van der Werf	<i>On Profiles and Footprints - Relational Semantics for Petri Nets</i>	A. Valmari <i>All Linear-Time Congruences for Finite LTSs and Familiar Operators</i>
	Dirk Fahland and Robert Prüfer	<i>Data and Abstraction for Scenario-Based Modeling with Petri Nets</i>	M. Bezdeka, O. Bouda, L. Korenciak, M. Madzin, V. Rehak <i>Sequence Chart Studio</i>
	X. Wang	<i>Maximal Confluent Processes</i>	R. J. Rodríguez, J. Julvez and J. Merseguer <i>Peabrain: A PIPE Extension for Performance Estimation and Resource Optimisation</i>
12:00	Lunch Break		
13:30	<b>Tool Demo</b> <b>Room: Hörsaal ESA-W-221</b>		
14:45	Break		
15:00	<b>Jens Sparsø</b> <i>Networks-on-chip for real-time multi-processor systems-on-chip</i> <b>Room: Hörsaal B</b>		Chair: M. Köhler-Bußmeier
16:00	Break		
16:30	<b>Verification</b> Chair: JM. Colom <b>Room: Hörsaal ESA-M</b>		<b>Session 5</b> Chair: V. Khomenko <b>Room: Hörsaal ESA-W-221</b>
	A. Valmari and H. Hansen	<i>Old and New Algorithms for Minimal Coverability sets</i>	O. Saarikivi, K. Kähkönen and K. Heljanko <i>Improving Dynamic Partial Order Reductions for Concolic Testing</i>
	A. Lehmann, N. Lohmann and K. Wolf	<i>Stubborn Sets for Simple Linear Time Properties</i>	A. Siirtola, A. Puhakka and G. Lüttgen <i>Introducing Fairness into Compositional Verification via Unidirectional Counters</i>
	S. Evangelista and L. Kristensen	<i>Hybrid LTL Model Checking with the Sweep-Line Method</i>	A. Bouakaz, J.-P. Talpin and J. Vitek <i>Affine Data-Flow Graphs for the Synthesis of Hard Real-Time Applications</i>
	A. Rakow	<i>Safety Slicing Petri Nets</i>	
18:00			
18:30			

Friday, June 29th	Petri Nets		ACSD	
09:00	<b>Alain Finkel</b> <i>The Theory of WSTS: The Case of Complete WSTS</i> <b>Room: Hörsaal C</b>		<i>Chair: A. Valmari</i>	
10:00	<i>Break</i>			
10:30	<b>Coloured Petri Nets</b> <i>Chair: F. Kordon</i> <b>Room: Hörsaal ESA-W-221</b>		<b>Session 6</b> <i>Chair: M. Pietkiewicz-Koutny</i> <b>Room: Hörsaal ESA-C</b>	
	V. Gil Costa, J. Lobos, A. Inostrosa-Psijas, M. Marin	<i>Capacity Planning for Vertical Search Engines: An approach based on Coloured Petri Nets</i>	W. Vogler, C. Stahl and R. Müller	<i>A Trace-Based Semantics for Responsiveness</i>
	J. Nakatumba, M. Westergaard and W. Van Der Aalst	<i>An Infrastructure for Cost-Effective Testing of Operational Support Algorithms Based on Colored Petri Nets</i>	H. Boucheneb and K. Barkaoui	<i>Reachability Analysis of P-Time Petri Nets with Parametric Markings</i>
	Š. Korečko, J. Marcinčin and V. Slodičák	<i>CPN Assistant II: A Tool for Management of Networked Simulations</i>	M. Solé and J. Carmona	<i>A High-level Strategy for C-net Discovery</i>
12:00	<i>Lunch Break</i>			
13:30	<b>Application and High-Level Nets</b> <i>Chair: L. Petrucci</i> <b>Room: Hörsaal ESA-W-221</b>		<b>Session 7</b> <i>Chair: K. Heljanko</i> <b>Room: Hörsaal ESA-C</b>	
	D. Bera, K. Van Hee and J. M. Van Der Werf	<i>Designing Weakly Terminating ROS Systems</i>	J. Markovski and M. Reniers	<i>Verifying Performance of Supervised Plants</i>
	F. Cristini and C. Tessier	<i>Nets-within-nets to model innovative space system architectures</i>	S. Baarir, M. Colange, F. Kordon and Y. Thierry-Mieg	<i>State Space Analysis using Symmetries on Decision Diagrams</i>
	F. Heitmann and M. Köhler- Bußmeier	<i>P- and T-Systems in the Nets-within-Nets-Formalism</i>	L. Pazzi and M. Pradelli	<i>Modularity and Part-Whole Compositionality for Computing the State Semantics of Statecharts</i>
15:00	<i>Break</i>			
15:15	<b>Closing Session</b> <b>Hörsaal ESA-W-221</b>			
16:00				