Full Week Petri Nets 2026

Monday, 22 June 2026

Time	Authors	Title	Courses 3-4
9:00–10:30	**Opening**		**Lecturer: Karsten Wolf** Petri Net Course 3: Verification and Model Checking of Petri Nets
	Babette Dellen, Michael Köhler-Bußmeier, Wied Pakusa and Jan Sudeikat	LAMAS: An Organisation-centred Architecture for Agentic AI	
	Simon Tjell	CSharPN: A Code-First Framework for Coloured Petri Net Modelling with C# as Inscription Language	
	Marcel Hansson, Marvin Brendel, Daniel Moldt and Laif-Oke Clasen	Signing of Reference Nets	
	Erik Jonas Hartnick, Mandy Weißbach and Thomas Kühn	On Abstraction-Based Deadlock Analysis of Service-Oriented Systems with Recursive Petri Nets	
	Marcel Hansson, Daniel Moldt, Kim Wittenburg and Christian Bracker	WatchPoints for Renew	
10:30–11:00	**Coffee Break**		
11:00–12:45	**Eleftheria Kouppari, Anna Philippou and Yannis Dimopoulos**	Declarative Modelling and Analysis of Reversing Petri Nets	
	Lukas Seifert, Niklas Levens, Leon Zander, Philipp Schult, Sonja Kagan, Ole Methler, Marcel Hansson and Daniel Moldt	Towards Roundtrip Engineering for Java and Agent Interaction Protocols with Petri Net-based Semantics	
	Gabriel Juhás, Juraj Mažári, Milan Mladoniczky and Tomáš Kováčik	Petriflow Query Language	
	Thomas M. Prinz, Wil M. P. van der Aalst, Christopher T. Schwanen and Yongsun Choi	Loop Home Markings (Looms) in Free-Choice Nets with Home Clusters	
	Michael Köhler-Bußmeier, Lorenzo Capra and Heiko Rölke	Modelling Multi-Level Learning in Multi-Agent-Systems with Stochastic Nets-within-Nets	
12:45–14:00	**Lunch Break**		
14:00–15:30	**Invited Talk: Wilhelm Hasselbring**		**Lecturer: Susanna Donatelli** Petri Net Course 4: Timed and Stochastic Petri Nets
	Laif-Oke Clasen, Justus Middendorf, Leo Grimme, Leven Wichelmann, Finn Bolinius, Sam Knoop and Daniel Moldt	Distributed Colored Petri Net Simulation – Synchronized Transitions Based on Event Streaming	
15:30–16:00	**Coffee Break**		
16:00–17:30	**Invited Talk 2: TBC (shared with PNAS'26)**		
	Finn Wellershaus, Michael Köhler-Bußmeier and Jan Sudeikat	Organisational Mode Switching for Controlled Run-Time Adaptation in Industrial Multi-Agent Systems	
17:30–18:30	**Poster Session**		

Tuesday, 23 June 2026

Time	Authors	Title	Tutorial
8:30–9:00	**Opening (PHOCON'26)**		
9:00–10:00	**Stefan Haar**	Beyond atomic firing	**Lecturer: Jan Martijn van der Werf / Andrey Rivkin** Object-centric Process Modeling and Analysis: A Short Avant-Garde Journey
10:00–10:40	**Maciej Koutny and Łukasz Mikulski**	Structured Concurrency Semantics for Series-Parallel Orders	
	Luca Bernardinello, Carlo Ferigato and Lucia Pomello	Orthomodular Lattices in Combinatorial Posets Modelling Concurrent Processes	
10:40–11:10	**Coffee Break**		
11:10–12:30	**Adwitee Roy, B. Srivathsan and Madhavan Mukund**	A Local-Time Semantics for Negotiations	
	Serge Lechenne and Hugo Paquet	Universal Properties of Petri Net Unfoldings	
	Federica Adobbati, Luca Bernardinello and Lucia Pomello	Solving a Safety Game on a Finite Prefix of the Unfolding of Safe Petri Nets	
	Amazigh Amrane, Dylan Bellier and Philipp Schlehuber-Caissier	Polytope representation for space efficient Petri net analysis	
12:30–14:00	**Lunch Break**		
14:00–15:00	**Invited talk: Rob van Glabbeek**	TBA	
15:00–15:15	**Coffee Break**		
15:30–18:00	**ATAED'26**		**Model Checking Contest**
	Patrizia Schalk	Important Factors: Complexity Dimensions for Petri Nets	
	Jeppe Berg Axelsen, Frederik Hecter Kowalski, Richard Nygård and Jiri Srba	GTM: An Enhanced Genetic Algorithm for Process Discovery	
	Tobias Brockhoff, Christopher T. Schwanen, Lisa Mannel and Wil M. P. van der Aalst	Process Discovery as a Global Place Combination Problem	
	Patrizia Schalk, Robert Lorenz, Kovář Jakub and Robin Bergenthum	The Complexity of Alignments on (Un-)Labeled and (Un-)Bounded Petri Nets	
	Ekkart Kindler	Objects, Processes and the Colours of the Rainbow: Towards a Conceptual Model for Object-centric Processes	
	Poster Session		
	SC-Meeting (by invitation only)		
Around 19:30	**SC-Dinner (by invitation)**		

Wednesday, 24 June 2026

Time	Authors	Title
9.00–9.30	**Opening**	
9.30–10.30	**Keynote: Véronique Cortier**	Electronic Voting: Design, Attacks and Formal Verification.
10.30–11.00	**Coffee Break**	
11.00–12.30	**Session 1: Structure Theory.**	**Chair:** firstname surname
	Eike Best and Raymond Devillers	Persistent Permutability Implies Persistence for Pure Dissymmetric Choice Petri Nets.
	Elvio Gilberto Amparore, Gianfranco Ciardo, Susanna Donatelli and Lea Terracini	Old and new perspectives on Petri nets flows.
	Christopher T. Schwanen, Wied Pakusa and Wil M. P. van der Aalst	Coming Home for Blocking Transitions Fast.
12.30–14:00	**Lunch Break**	
14.00–15.00	**Session 2: Semantics.**	**Chair:** firstname surname
	Maciej Koutny, Ryszard Janicki, Łukasz Mikulski and Rajiv Ranjan	Towards General Trace Theory.
	Serge Haddad and Amber Agarwal	Maximal Firing Semantics for Continuous and Ordinary Petri Nets.
15:00–15:30	**Coffee Break**	
15.30–16.30	**Session 3: Complexity.**	**Chair:** firstname surname
	Michal Ajdarów	Asymptotic Analysis of Expected Complexity in VASS MDPs.
	Laif-Oke Clasen, Justus Middendorf, Felix Gorke, Jens Brüggemann, Lukas Eshun, Efe Nayci, Marie Chevalier, Simon Bott and Daniel Moldt	Supporting Modularity by (De-)Composition of Distributed P/T Nets based on Karger's Algorithm for Distributed Execution.
16:30–17:30	**Tool demo**	

Thursday, 25 June 2026

Time	Authors	Title
9.00–10.30	**Session 4: Tools I.**	**Chair:** firstname surname
	Emanuele Chini, Daniel Amadori, Pietro Sala, Sidra Nasir Rajput, Matteo Baldi and Mattia Cappelletti	PACO: a Petri Net-based tool for designing, simulating, and analyzing multi-objectives stochastic processes.
	Marc Kimmel, Robert Lorenz and Patrizia Schalk	Petri-Dish: A Petri Net Survey Tool for Education and Research.
	Tsung-Hao Huang, Lukas Jansen, Marco Pegoraro and Wil van der Aalst	IsoNet: Property-Preserving Hierarchical Decomposition of Workflow Nets.
10.30–11.00	**Coffee Break**	
11.00–12.30	**Session 5: Tools II.**	**Chair:** firstname surname
	Christian Imenkamp, Agnes Koschmider, Christoph Matheja and Andrey Rivkin	A Web-Based Tool for Modeling, Simulation, and Analysis of Petri Nets with Data.
	István Koren	OCPN Studio: Web-based Modeling, Simulation, and Analysis of Object-Centric Petri Nets.
	Gabriel Juhás, Juraj Mažári, Tomáš Kováčik, Milan Mladoniczky and Matej Chvostek	Netgrif Platform: A Tool for Executable Models of Object-Centric Processes in Petriflow Language.
12:30–14:00	**Lunch Break**	
14.00–15.30	**Session 6: Applications.**	**Chair:** firstname surname
	Alex Chan, Mohamed Tarraf, Rishad Shafik and Alex Yakovlev	ANIMATE: Automated Framework for Scalable Design of Tsetlin Machines using 1-safe Petri nets.
	Debjyoti Bera and Tim Willemse	Constructing Weakly Terminating Interface Protocols.
	Christoffer Lind Andersen, Radu Iosif and Arnaud Sangnier	Safety Analysis in Broadcast Networks defined by Graph Grammars.
17.00–19.00	**Carl Adam Petri – 100 years ceremony**	
Around 20:00	**Conference Dinner**	

Friday, 26 June 2026

Time	Authors	Title
9.30–10.30	**Keynote: Jan Mendling**	Empirical Research on Petri Nets.
10.30–11.00	**Coffee Break**	
11.00–13.00	**Session 7: Verification and Conformance Checking.**	**Chair:** firstname surname
	Sami Evangelista, Lars Kristensen and Laure Petrucci	Preserving LTL Properties in Sweep-Line State Space Exploration with Partial-Order Reduction.
	Sabine Folz-Weinstein, Michael Größwein, Christian Beecks and Robin Bergenthum	Conformance Checking for Partially Ordered Event Logs using Token-Based Replay.
	Sofia Bellotti, Thomas Chatain and Paolo Ballarini	Aligning Observed Timed Traces with Timed Stochastic Models.
	Sophie Wallner, Julian Gaede, Lukas Zech and Karsten Wolf	Coverability Abstraction for the Modular State Space.
13.00–13.30	**Closing Session**	
13:30–14:30	**Lunch Break**	