

Petri Nets Program

Wednesday – 22.06.2016

8:45	9:15	[Hall] Registration
9:15	9:45	[Aula] Opening
9:45	10:45	[Aula] Invited lecture. Manfred Broy : From Actions, Transactions, and Processes to Services
10:45	11:15	[Council Hall] Break
11:15	12:45	[Aula] Petri Nets (Petri Nets Synthesis) <ul style="list-style-type: none"> • Eike Best, Evgeny Erofeev, Uli Schlachter and Harro Wimmel: Characterising Petri Net Solvable Binary Words • Eike Best and Raymond Devillers: The Power of Prime Cycles • Uli Schlachter: Petri Net Synthesis in Restricted Classes of Nets
12:45	14:15	[Bar] Lunch
14:15	15:15	[Aula] Invited lecture. Philip Wadler : The Inevitable Coincidence: A Basis For Concurrency and Distribution
15:15	15:45	[Council Hall] Break
15:45	17:15	[Aula] Petri Nets (Tools) <ul style="list-style-type: none"> • Lawrence Cabac, Michael Haustermann and David Mosteller: Renew 2.5 – Towards a Comprehensive Integrated Development Environment for Petri Net - Based Applications • Jacek Sroka, Andrzej Kierzek and Wojciech Ptak: AB-QSSPN: Integration of agent-based simulation of cellular populations with quasi-steady state simulation of genome scale intracellular networks • András Vörös, Dániel Darvas, Vince Molnár, Attila Klenik, Ákos Hajdu, Attila Jámbor, Tamas Bartha and Istvan Majzik: PetriDotNet 1.5: Extensible Petri Net Editor and Analyser for Education and Research
19:00	21:00	Welcome Party in Artus Mansion

Thursday – 23.06.2016

9:00	10:00	[Aula] Distinguished Carl Adam Petri Lecture. Ian Foster : Reasoning About Discovery Clouds
10:00	10:30	[Council Hall] Break
10:30	11:30	[Aula] Petri Nets (Applications I) <ul style="list-style-type: none"> • Lars Kristensen and Vegard Veiset: Transforming CPN Models into Code for TinyOS: A Case Study of the RPL Protocol • Loic Helouet and Karim Kecir: Realizability of Schedules by Stochastic Time Petri Nets with Blocking Semantics
11:30	11:45	[Council Hall] Break
11:45	12:45	[Aula] Petri Nets (Applications II) <ul style="list-style-type: none"> • Franck Pommereau: ABCD: a user-friendly language for formal modelling and analysis • Quentin Gaudel, Pauline Ribot, Elodie Chanthery and Matthew Daigle: Health Monitoring of a Planetary Rover Using Hybrid Particle Petri Nets
12:45	14:15	[Bar] Lunch
14:15	15:15	[L13] Tool session
15:15	16:15	[Aula] Invited lecture. Jetty Kleijn : On Processes and Paradigms
16:15	16:45	[Council Hall] Break
16:45	17:45	[Aula] Petri Nets (Conformance checking) <ul style="list-style-type: none"> • Eric Verbeek and Wil van der Aalst: Merging Alignments for Decomposed Replay • Thomas Chatain and Josep Carmona: Anti -Alignments in Conformance Checking - The Dark Side of Process Models
17:50		[Front Entrance] Group photo
18:00	22:00	Conference Dinner in the Settlement Osada Karbówko

Friday – 24.06.2016

9:00	10:00	[Aula] Invited lecture. Sławomir Lasota : Decidability Border for Petri Nets With Data: Wqo Dichotomy Conjecture
10:00	10:30	[Council Hall] Break
10:30	12:00	[Aula] Petri Nets (Time & Stochastic Models) <ul style="list-style-type: none"> • Yrvann Emzivat, Benoît Delahaye, Didier Lime and Olivier H. Roux: Probabilistic Time Petri Nets • András Vörös, Vince Molnár, Istvan Majzik, Kristóf Marussy, Miklós Telek and Attila Klenik: Efficient decomposition algorithm for stationary analysis of complex stochastic Petri net models • S. Akshay, Blaise Genest and Loic Helouet: Timed-Arc Petri Nets with (restricted) Urgency
12:00	12:15	[Council Hall] Break
12:15	12:45	[Aula] Petri Nets (Structural Methods) <ul style="list-style-type: none"> • Leonid Dworzanski and Irina Lomazova: Structural Place Invariants for Analyzing the Behavioral Properties of Nested Petri Nets
12:45	13:15	[Aula + Hall] Closing Session
13:15	15:15	[Bar] Lunch
17:00		Sightseeing