

PNSE Program

Monday – 20.06.2016

9:00	10:30	[Aula] PNSE: Session 1 Opening PNSE <ul style="list-style-type: none"> • Thomas Wagner, Daniel Moldt, Michael Köhler-Bußmeier (short): From eHornets to Hybrid Agent and Workflow Systems • Camille Coti, Charles Lakos, Laure Petrucci (short): Formally Proving and Enhancing a Self-Stabilising Distributed Algorithm • Toshiyuki Miyamoto (short): CSCB Tools: A Tool to Synthesize Pareto Optimal State Machine Models from Choreography Using Petri Nets • Jan Hicken, Michael Haustermann, Daniel Moldt (short): Refining the Quick Fix for the Petri Net Modeling Tool Renew
10:30	11:00	[Council Hall] Break
11:00	12:30	[Aula] PNSE: Session 2 <ul style="list-style-type: none"> • Ramchandra Phawade: Kleene Theorem for Labelled Free Choice Nets without Distributed Choice • Anirban Bhattacharyya, Bowen Li, Brian Randell: Time in Structured Occurrence Nets • Khanh Le, Thang Bui, Tho Quan, Laure Petrucci (short): A Framework for Fast Congestion Detection in Wireless Sensor Networks using Clustering and Petri-Net-based Verification
12:30	14:00	[Bar] Lunch
14:00	15:00	[Aula] BioPPN Invited lecture. Andrzej Kierzek : Quasi Steady State Petri Nets
15:00	15:15	[Council Hall] Break
15:15	16:45	[Aula] PNSE: Session 3 <ul style="list-style-type: none"> • Irina Lomazova, Vera Ermakova: Verification of Nested Petri Nets Using an Unfolding Approach • Admar Ajith Kumar Somappa, Kent Inge Fagerland Simonsen: Model-based Development for MAC Protocols in Industrial Wireless Sensor Networks • Moulaye Ndiaye, Jean-François Pétin, Jacques Camerini, Jean-Philippe Georges: Practical Use of Coloured Petri Nets for the Design and Assessment of Distributed Automation System Architectures
16:45	17:15	[Council Hall + Hall] Poster Break
17:15	18:15	[Aula] PNSE Invited lecture. Gabriele Taenzer : Model-Driven Development of Platform-Independent Mobile Applications
18:15	20:00	Barbeque at the Faculty courtyard

Tuesday – 21.06.2016

9:00	10:00	[Aula] ATAED Invited lecture. Marco Montali : Marrying data and processes: from model to event data analysis
10:00	10:30	[Council Hall] Break
10:30	11:30	[Aula] PNSE: Session 4 <ul style="list-style-type: none"> • Max Friedrich, Daniel Moldt: Introducing Refactoring for Reference Nets • Henricus M.W. Verbeek: Decomposed Replay Using Hiding and Reduction
11:30	11:45	[Council Hall] Break
11:45	12:45	[Aula] PNSE: Session 5 <ul style="list-style-type: none"> • Jordan de La Houssaye, Franck Pommereau, Philippe Deniel: Formal Modelling and Analysis of Distributed Storage Systems • Ahana Pradhan, Rushikesh Joshi: Distributed Change Region Detection in Dynamic Evolution of Fragmented Processes
12:45	14:00	[Bar] Lunch
14:00	15:00	[Aula] PNSE Invited lecture. Yann Thierry-Mieg: Bridging the Gap Between Formal Methods and Software Engineering Using Model-based Technology
15:00	15:15	[Council Hall] Break
15:15	16:45	[Aula] PNSE: Session 6 <ul style="list-style-type: none"> • Alban Linard, Benoît Barbot, Didier Buchs, Maximilien Colange, Clément Démoulin, Lom Hillah, Alexis Martin (short): Layered Data: a Modular Formal Definition without Formalisms • Michael Simon, Daniel Moldt: Extending Renew's Algorithms for Distributed Simulation • Antti Valmari, Henri Hansen: Stubborn Set Intuition Explained Closing PNSE
16:45	17:00	[Council Hall] Break
17:00	18:30	[Aula] Model Checking Contest
18:45	22:00	Steering Committee meeting and dinner

