

PNSE 2012

Petri Nets and Software Engineering

Lawrence Cabac, Michael Duvigneau, and Daniel Moldt

Monday, 25th June

08:45 - Opening

09:00 - Invited Talk (Room B-201 Informatics Campus):

Wolfgang Marwan

Petri Nets - an Integrative Framework for Advanced Biomodel Engineering

10:00 - Break

10:15 - Session 1 (Room F-132 Informatics Campus):

Kees Van Hee, Natalia Sidorova and Jan Martijn Van Der Werf - *When Can We Trust a Third Party? - A Soundness Perspective*

Agata Janowska, Wojciech Penczek, Agata Pólrola and Andrzej Zbrzezny - *Using Integer Time Steps for Checking Branching Time Properties of Time Petri Nets*

11:15 - Break

11:45 - Session 2 (Room F-132 Informatics Campus):

Luca Bernardinello, Elisabetta Mangioni and Lucia Pomello - *Local state refinement on Elementary Net Systems: an approach based on morphisms*

Nicolás Cardozo, Jorge Vallejos, Sebastián González, Kim Mens and Theo D'Hondt - *Context Petri Nets: Enabling Consistent Composition of Context-dependent Behavior*

Thomas Irgang, Andreas Harrer and Robin Bergenthum - *MuPSi - a multitouch Petri net simulator for transition steps*

Julian Burkhart and Michael Haustermann - *PetriPad - A Collaborative Petri Net Editor*

13:15 - Lunch

14:45 - Session 3 (Room F-132 Informatics Campus):

Matthias Wester-Ebbinghaus and Michael Köhler-Bußmeier - *Model-Driven Middleware Support for Team-Oriented Process Management*

Joint Talk with LAM

Short Break

Michael Westergaard, Dirk Fahland and Christian Stahl - *Grade/CPN: Semi-automatic Support for Teaching Petri Nets by Checking Many Petri Nets Against One Specification*

Wojciech Penczek and Michał Knapik - *SMT-based parameter synthesis for L/U automata*

16:20 - Break

16:45 - Invited Talk (Room B-201 Informatics Campus):
Julia Padberg
Reconfigurable Petri Nets: Modeling and Analysis

17:45 - End of talks

Tuesday, 26th June

09:00 - Invited Talk (Room B-201 Informatics Campus):
Karsten Wolf
Developing and Integrating Petri net tools - an experience report

10:00 - Break

10:15 - Joint Session with WooPS (Room D-125 Informatics Campus)

Carlo Ferigato, Elisabetta Mangioni - *Inference of Local Properties in Petri Nets Composed through an Interface*

Michael Köhler-Bußmeier - *Analysing Model Transformations in SONAR*

Yann Ben Maissa, Fabrice Kordon, Salma Mouline and Yann Thierry-Mieg - *Modeling and Analyzing Wireless Sensor Networks with VeriSensor*

11:45 - Break

12:00 - Poster- and Tool-Session (Room: D-125 Informatics Campus)

12:30 - Poster- and Tool-Demo (Room: D-125 Informatics Campus)

13:15 - Lunch

15:00 - Session 5 (Room: C-221 Informatics Campus)

Kamila Agata Barylska and Edward Ochmański - *Hierarchy of persistency with respect to the length of action's disability*

Anna Dedova and Laure Petrucci - *From Code to Coloured Petri Nets: Modelling Guidelines*

Closing

16:15 - Break

16:45 - Invited Talk (Room B-201 Informatics Campus):

Wolfgang Reisig

What should we teach about Petri nets?

17:45 - End of talks
