

Tuesday (October 4th)

18:00 Welcome reception

Wednesday (October 5th)

09:00 Opening ceremony

Invited talk (Session chair: Dániel Varró)

09:15 Zsolt Kocsis (IBM): *Best Practices to Model Business Services in Complex IT Environments*

10:15 Coffee break

Model-Driven Engineering 1 (Session chair: Mark Minas)

10:45 Florian Mantz, Stefan Jurack, Gabriele Taentzer: *Graph Transformation Concepts for Meta-Model Evolution Guaranteeing Permanent Type Conformance Throughout Model Migration*

11:15 Alessandro Rossini, Juan de Lara, Esther Guerra, Adrian Rutle, Yngve Lamo: *A Graph Transformation-based Semantics for Deep Metamodelling*

11:45 Stefan Jurack, Tim Schäfer, Daniel Strüber, Gabriele Taentzer: *Basic Tool Support for Composite Modeling based on the Eclipse Modeling Framework and Henshin*

12:15 Lunch

GT applications (Session chair: Gabriele Taentzer)

13:30 Florian Schöler, Volker Steinhage: *Towards an Automated 3D-Reconstruction of Plant Architecture*

14:00 Gábor Bergmann, Dóra Horváth, Ákos Horváth: *Graph Transformation with Incremental Pattern Matching on a Relational Database*

14:30 Torsten Strobl, Mark Minas: *Deriving Graph Transformation Rules From AML/GT State Machine Diagrams for Generating Animated Model Editors*

15:00 Coffee break

Tool demonstrations (Session chair: Tihamér Levendovszky)

15:30 Olga Runge, Claudia Ermel, Gabriele Taentzer: *AGG 2.0 - New Features for Specifying and Analyzing Algebraic Graph Transformations*

16:00 Sonja Maier, Mark Minas: *Integration of a Pattern-based Layout Engine into Diagram Editors*

16:30 Edgar Jakumeit: *EBNF and SDT for GrGen.NET*

17:00 Steffen Mazanek, Christian Rutetzki, Mark Minas: *Tool Demonstration of the Transformation Judge*

17:30 Informal tool demonstrations (17:30 - 19:00)

Thursday (October 6th)

Invited talk (Session chair: Gergely Varró)

09:00 Mark Proctor (Red Hat) : *Drools: A Rule Engine for Complex Event Processing*

10:00 Coffee break

GT exploration techniques (Session chair: Reiko Heckel)

10:30 Ismênia Galvão, Eduardo Zambon, Arend Rensink, Lesley Wevers, Mehmet Aksit: *Knowledge-based Graph Exploration Analysis*

11:00 Luka Fürst, Marjan Mernik, Viljan Mahnič: *Graph Grammar Induction as a Parser-Controlled Heuristic Search Process*

11:30 Matthias Tichy, Benjamin Klöpper: *Planning Self-Adaption with Graph Transformations*

12:00 Lunch

GT semantics and reasoning (Session chair: Juan de Lara)

13:30 Marcus Ermler, Hans-Jörg Kreowski, Sabine Kuske, Caroline von Totth: *From Graph Transformation Units via MiniSat to GrGen.NET: To Tackle Intractability*

14:00 Martin Strecker: *Locality in Reasoning about Graph Transformations*

14:30 Frank Drewes, Berthold Hoffmann, Mark Minas: *Contextual Hyperedge Replacement*

15:00 Coffee break

Application reports (Session chair: Matthias Tichy)

15:30 Thomas Buchmann, Bernhard Westfechtel, Sabine Winetzhammer: *The Added Value of Programmed Graph Transformations - A Case Study from Software Configuration*

16:00 Carlos Matos, Reiko Heckel: *Annotate, Abstract, Redesign, Transform: Reengineering Java Applications into Services*

16:30 Qurat-Ul-Ann Farooq, Stefan Gross, Matthias Riebisch: *Generation of U2TP Test Specification from BPMN using Graph Transformations*

17:00 Sven Patzina, Lars Patzina: *A Case Study Based Comparison of ATL and SDM*

19:00 AGTIVE 2011 Banquet (approx. 19:00 - 22:00)

Friday (October 7th)

Bidirectional transformation (Session chair: Bernhard Westfechtel)

09:00 Joel Greenyer, Jan Rieke: *Applying Advanced TGG Concepts for a Complex Transformation of Sequence Diagram Specifications to Timed Game Automata*

09:30 Stephan Hildebrandt, Leen Lambers, Holger Giese, Dominic Petrick, Ingo Richter: *Automatic Conformance Testing of Optimized Triple Graph Grammar Implementations*

10:00 Marius Lauder, Felix Klar: *Precedence Triple Graph Grammars*

10:30 Coffee break

Model-Driven Engineering 2 (Session chair: Andy Schürr)

11:00 Gabriele Taentzer, Claudia Ermel, Reiko Heckel, Thorsten Arendt: *Towards Refactoring of Graph Transformation Systems*

11:30 Tihamér Levendovszky, Kevin Smyth, Daniel Balasubramanian, Feng Shi, Gabor Karsai: *A Coherent Tool Set for Industrial Model-Based Software Engineering*

12:00 Juan de Lara, Esther Guerra: *Reusable Graph Transformation Templates*

12:30 Lunch