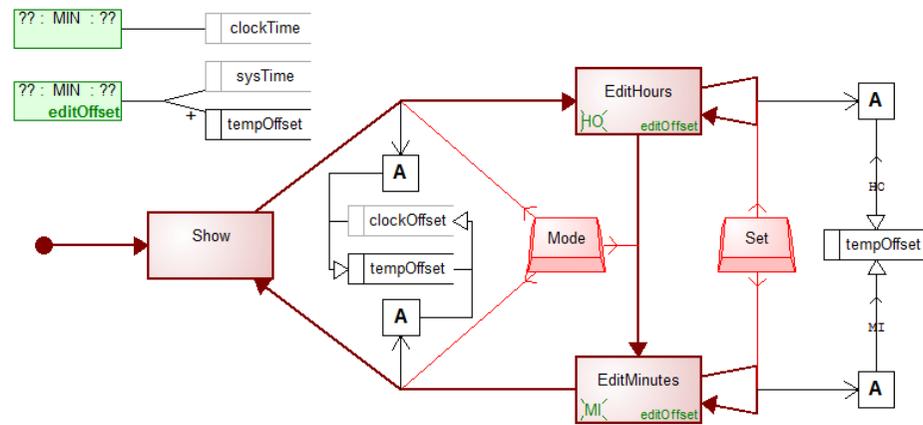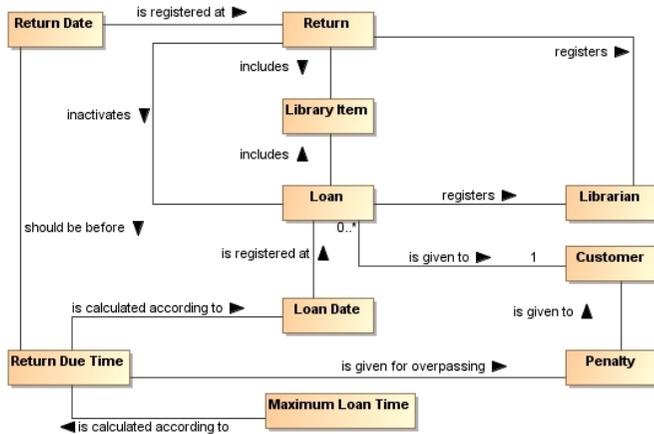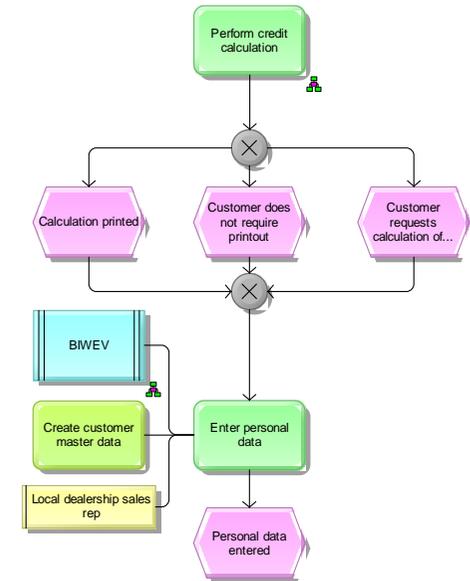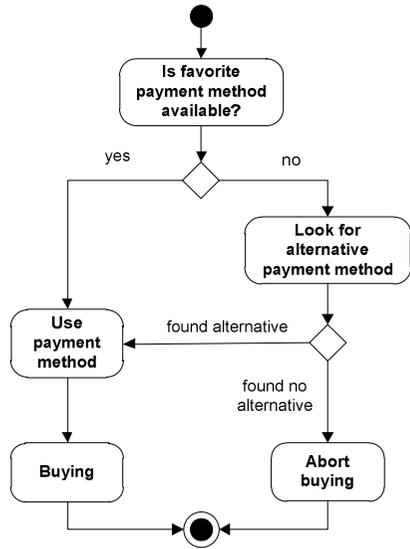# Workshop on Graphical Modeling Language Development

8th European Conference on Modelling Foundations and Applications

3 July 2012, Kgs. Lyngby, Denmark

Graphical Modeling Languages

Workshop topic

- **Development of graphical modeling language**
  - ▸ Process models for language definition
  - ▸ Approaches to identify language concepts
  - ▸ Tradeoffs between different language structures
  - ▸ Ways to integrate modeling languages
  - ▸ Testing modeling languages
  - ▸ Keeping models compact, consistent, reusable
  - ▸ Language structures that minimize the modeling need (and modeling time)
  - ▸ Demonstration of modeling languages and their related tooling
  - ▸ ...

General workshop objectives

- **Paper session**
  - ‣ Presentation of papers
  - ‣ Short discussion of each papers
  - ‣ Constructive criticism
  - ‣ Suggestions for improvements or future development

- **Group work session**
  - ‣ Attempt to discuss, share and solve challenging problems
  - ‣ Exchange of experience and ideas

- **Have fun!**

Submissions

- **Some statistics**
  - ▸ 8 submissions
  - ▸ 23 authors
  - ▸ 8 countries
  - ▸ 5 accepted
  - ▸ 62% acceptance rate

Country	Authors	Submitted
Austria	5	2.25
Serbia	4	1.25
Norway	2	1.00
Brazil	3	1.00
Finland	3	1.00
Japan	4	1.00
Germany	1	0.25
Montenegro	1	0.25

- **Publications**
  - ▸ Printed proceeding (as technical report)
  - ▸ Online proceeding at CEUR (http://ceur-ws.org/)
  - ▸ Possibly at ACM Digital Library (confirmation pending)
  - ▸ Workshop web-site

- **Workshop web-site**
  - ▸ http://www.dsmforum.org/events/GMLD12/
  - ▸ Papers and Presentations
  - ▸ Workgroup results
  - ▸ Photos

Program and organizing committee

- **Program comittee**
  - Matthias Biehl, KTH Royal Institute of Technology
  - Michel Bourdellès, THALES
  - Ulrich Frank, University of Duisburg-Essen
  - Jeff Gray, University of Alabama
  - Kenji Hisazumi, Kyushu University
  - Emilio Insfran, Universitat Politècnica de València
  - Teemu Kanstren, VTT
  - Steven Kelly, MetaCase
  - Christian Kreiner, Technical University of Graz
  - Ivan Lukovic, University of Novi Sad
  - Vojislav B. Mišic, Ryerson University
  - Pedro Sánchez Palma, Technical University of Cartagena
  - Andreas Prinz, University of Agder
  - Mark-Oliver Reiser, Technical University of Berlin
  - Keng Siau, University of Nebraska-Lincoln
  - Jonathan Sprinkle, University of Arizona
  - Stefan Strecker, University of Hagen
  - Alain Wegmann, EPFL Swiss Federal Institutes of Technology
  - Markus Völter, Independent

- **Organizing committee**
  - Heiko Kern, University of Leipzig
  - Juha-Pekka Tolvanen, MetaCase
  - Paolo Bottoni, University of Roma

Schedule (1): Paper presentations

9:00	Welcome & Agenda
9:15	**Domain Specific Language Architecture for Automation Systems: An Industrial Case Study** (Christopher Preschern, Andrea Leitner, Christian Kreiner)
9:45	**Domain-specific front-end for virtual system modeling** (Janne Vatjus-Anttila, Jari Kreku, Kari Tiensyrjä)
10:30	Break
11:00	**A Comparison of Ecore and GOPPRR through an Information System Meta Modeling Approach** (Vladimir Dimitrieski, Milan Celikovic, Vladimir Ivančević, Ivan Luković)
11:30	**SeMFIS: A Tool for Managing Semantic Conceptual Models** (Hans-Georg Fill)
12:00	**Towards collaboration between sighted and visually impaired developers in the context of Model-Driven Engineering** (Filipe Del Nero Grillo, Renata Fortes, Daniel Lucrédio)
12:30	Lunch

Schedule (2): Group Work

12:30	Lunch
13:30	**Group work**
14:30	Break
15:00	**Group work continues**
16:15	**Group work reporting** **Wrap-up and closing**
17:00	Workshop ends
17:30	ECMFA Reception