

Program Benevol 2008

This program is subject to changes. Last update: November 21, 2008.

Day 1 – Thursday 11 December 2008

10:15 Registration, coffee

10:45 Welcome by Mark van den Brand

11:00 **Session 1: Versions** (chair: Erik de Vink)

11:00	Relationship between Size, Effort, Duration and Number of Contributors in Large FLOSS projects <i>Juan Fernandez-Ramil (Univ. de Mons-Hainaut, BE, Open Univ. Milton Keynes, UK), Daniel Izquierdo-Cortazar (Univ. Rey Juan Carlos, Madrid, ES, Univ. de Mons-Hainaut, Mons, BE) and Tom Mens (Univ. de Mons-Hainaut, Mons, BE)</i>
11:20	Relationship between Orphaning and Productivity in Evolution and GIMP projects <i>Daniel Izquierdo-Cortazar (Univ. Rey Juan Carlos, Madrid, ES, Univ. de Mons-Hainaut, Mons, BE)</i>
11:40	Version Control of Graphs <i>Marcel van Amstel, Mark van den Brand and Zvezdan Protić (TU/Eindhoven, NL)</i>
12:00	Panel discussion with the speakers, moderator: Erik de Vink

12:15 Lunch

13:15 **Session 2: Models** (chair: Alexander Serebrenik)

13:15	Towards a general conceptual framework for model inconsistencies <i>Kim Mens and other members of WP4 work package on 'Consistency Checking and Coevolution' of the Belgian University MoVES project on 'Fundamental Issues in Modelling, Verification and Evolution of Software'</i>
13:35	Challenges in Model-Driven Software Evolution <i>Michael Hoste, Jorge Pinna Puissant and Tom Mens (Univ. de Mons-Hainaut, Mons, BE)</i>
13:55	System Evolution by Migration Coordination <i>Suzana Andova (TU/Eindhoven, NL), Luuk Groenewegen (FaST Group, LIACS, Leiden Univ., NL) and Erik de Vink (TU/Eindhoven, NL)</i>
14:15	Panel discussion with the speakers, moderator: Alexander Serebrenik

14:30 Coffee

15:00 **Session 3: Visualization** (chair: Kim Mens)

15:00	Exploring Source-Code using Visualized Program Queries <i>Johan Brichau (Université Catholique de Louvain, BE)</i>
15:20	Visual Analytics for Understanding the Evolution of Large Software Products <i>Alex Telea (Univ. of Groningen, NL) and Lucian Voinea (SolidSource BV, Eindhoven, NL)</i>
15:40	Extraction of State Machines of Legacy C code with Cpp2XMI <i>Mark van den Brand, Alexander Serebrenik and Dennie van Zeeland (TU/Eindhoven, NL)</i>
16:00	Panel discussion with the speakers, moderator: Kim Mens

16:15 Short break

16:30 **Session 4: Model transformation** (chair: Alex Telea)

16:30	Using graph transformation to evolve software architectures <i>Dalila Tamzalit (Univ. de Nantes, FR) and Tom Mens (Univ. de Mons-Hainaut, Mons, BE)</i>
16:50	Analyzing the Quality of Model Transformations <i>Marcel van Amstel (TU/Eindhoven, NL), Mark van den Brand (TU/Eindhoven, NL) and Christian Lange (Federal Office for Information Technology, Cologne, DE)</i>
17:10	Panel discussion with the speakers, moderator: Alex Telea

17:25 End of day 1

18:30 Diner at Academisch Genootschap

Day 2 – Friday 12 December 2008

9:00 **Invited talk by Ralf Lämmel**, University of Koblenz, DE (chair: Mark van den Brand)
Tracking the evolution of grammar-like knowledge in software

10:00 Coffee

10:20 **Session 5: Analysis** (chair: Ralf Lämmel)

10:20	Dynamic Analysis of SQL Statements for Reverse Engineering Data-Intensive Applications <i>Anthony Cleve and Jean-Luc Hainaut (Univ. of Namur, BE)</i>
10:40	Static Estimation of Test Coverage <i>Tiago L. Alves (Univ. do Minho, PT and SIG, NL) and Joost Visser (SIG, NL)</i>
11:00	Panel discussion with the speakers, moderator: Ralf Lämmel

11:15 Break

11:20 **Session 6: Configuration and change** (chair: Dalila Tamzalit)

11:20	A Formal Semantics for Multi-level Staged Configuration <i>Andreas Classen, Arnaud Hubaux and Patrick Heymans (PReCISE Research Centre, BE, Univ. of Namur, BE)</i>
11:40	On the classification of first-class changes <i>Peter Ebraert, Theo D'Hondt (Vrije Universiteit Brussel, BE)</i>
12:00	Panel discussion with the speakers, moderator: Dalila Tamzalit

12:15 Lunch

13:15 **Session 7: Code Improvement** (chair: Tom Mens)

13:15	Towards an automated tool for correcting implementation decay <i>Sergio Castro (Université Catholique de Louvain, BE)</i>
13:35	Enabling Refactoring with HTN Planning to Improve the Bad Smells Correction Activity <i>Javier Pérez (Univ. of Valladolid, ES)</i>
13:55	Panel discussion with the speakers, moderator: Tom Mens

14:10 Coffee

14:40 **Session 8: Legacy code** (chair: Serguei Roubtsov)

14:40	Locating Features in a COBOL Mainframe System: Preliminary Results of a Financial Case Study <i>Joris van Geet (Universiteit Antwerpen, BE)</i>
15:00	Verifying the design of a Cobol system using Cognac <i>Andy Kellens (Vrije Universiteit Brussel, BE)</i>
15:20	Panel discussion with the speakers, moderator: Serguei Roubtsov

15:35 Closure by Mark van den Brand

End of Benevol 2008