

BENEVOL 2013

Welcome to the homepage of BENEVOL 2013

The 12th edition of the BELgian-NEtherlands software eVOLution seminar (BENEVOL 2013) will take place in Mons, Belgium on the 16th and 17th of December.

The goal of BENEVOL is to bring together researchers from Belgium, The Netherlands and the neighboring countries that are working in the field of software evolution. BENEVOL offers an informal forum to meet and to discuss new ideas, important problems and obtained research results. Prospective speakers are invited to submit an extended abstract (max. 2 A4 pages) of a talk; based on these extended abstracts, the organization will construct a program.

Although BENEVOL is a free event, places are limited, so registration is mandatory. You can register via the dedicated form <https://docs.google.com/forms/d/1aWvetWvkwx3siFgShaSs576_xfmUQs4APqFyKOFRCmI/viewform>.

The workshop will be organized by Tom Mens <<http://w3.umons.ac.be/staff/Mens.Tom/>>, Maëlick Claes <<http://w3.umons.ac.be/staff/Claes.Maelick/>>, and Mathieu Goeminne <<http://w3.umons.ac.be/staff/Goeminne.Mathieu/>>.

Important dates

- Submission of extended abstracts: 15 October 2013.
- Registration deadline: 15 November 2013.
- **BENEVOL Symposium**: 16 and 17 December 2013.

Keynotes

We are proud to announce that BENEVOL will feature two keynotes:

- Bram Adams <<http://mcis.polymtl.ca/~bram/>>, Assistant Professor, Director of Lab on Maintenance, Construction and Intelligence. École Polytechnique de Montréal, Canada. “The impact of release engineering on software evolution”
- Harald Gall <<http://www.ifi.uzh.ch/seal/people/gall.html>>, Professor, Director of Software Evolution and Architecture Lab, University of Zurich, Switzerland. “Replication and Benchmarking: Challenges for Software Evolution Data Analysis”

Flyer

Feel free to download and share the BENEVOL 2013 Call for Contributions flyer <[BENEVOL2013-flyer.pdf](#)>.

BENEVOL 2013

Committees

Local Organisers

- Mathieu Goeminne <<http://w3.umons.ac.be/staff/Goeminne.Mathieu/>>
- Maelick Claes <<http://w3.umons.ac.be/staff/Claes.Maelick/>>
- Sébastien Drobisz
- Tom Mens <<http://w3.umons.ac.be/staff/Mens.Tom/>>

Scientific Committee

- Tom Mens <<http://w3.umons.ac.be/staff/Mens.Tom/>>, Université de Mons <<http://w3.umons.ac.be>> (Belgium)
 - Kim Mens <<http://www.uclouvain.be/kim.mens>>, Université catholique de Louvain <<http://www.uclouvain.be>> (Belgium)
 - Anthony Cleve <<http://directory.unamur.be/staff/acleve>>, Université de Namur <<http://www.unamur.be/>> (Belgium)
 - Serge Demeyer <<http://www.ua.ac.be/main.aspx?c=serge.demeyer>>, University of Antwerp <<https://www.uantwerp.be/en/>> (Belgium)
 - Slinger Jansen <<http://slingerjansen.wordpress.com/>>, Universiteit Utrecht <<http://www.uu.nl/EN/Pages/default.aspx>> (The Netherlands)
 - Andy Zaidman <<http://www.st.ewi.tudelft.nl/~zaidman/>>, Technische Universiteit Delft <<http://www.tudelft.nl/en/>> (The Netherlands)
 - Alexander Serebrenik <<http://www.win.tue.nl/~aserebre/>>, Technische Universiteit Eindhoven <<http://www.tue.nl/>> (The Netherlands)
 - Ivan Kurtev <<http://www.utwente.nl/ewi/trese/people/Kurtev/>>, Nspyre <<http://www.utwente.nl/en/>> (The Netherlands)
 - Laurence Duchien <<http://www.lifl.fr/~duchien/>>, INRIA <<http://www.inria.fr/en/>> and Université Lille 1 <<http://www.univ-lille1.fr/>> (France)
 - Jacques Klein <http://www.wen.uni.lu/research/fstc/computer_science_and_communications_research_unit/members/jacques_klein>, University of Luxembourg 1 <<http://www.wen.uni.lu/>> (Luxembourg)
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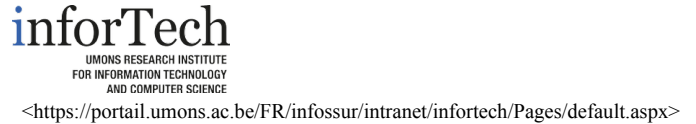
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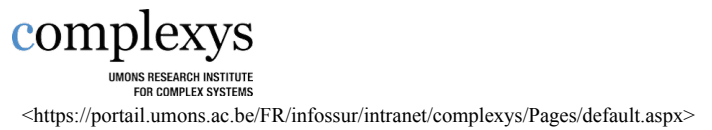
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BENEVOL 2013

Program

Talks are 15 minutes followed by ~5 minutes discussion. The dinner on Monday evening (19:00) is at the restaurant La Verr'hier <<http://www.laverrhier.com/verrhier.php#carte>>, Mons.

 Download the abstracts <[BENEVOL_2013_Abstracts.pdf](#)>

Monday	Auditoire 25 -- Rue de Houdain, Mons, Belgium
08:30 -- 09:30	Welcome and coffee
09:30 -- 10:30	Keynote: Bram Adams. "The impact of release engineering on software evolution" [slides < presentations/Bram Adams - The impact of release engineering on software evolution.pdf >] [SlideShare < http://www.slideshare.net/bramadams/so-you-are-saying-that-our-software-quality-was-screwed-up-by-the-release-engineer-keynote-benevol-2013-mons-belgium >]
10:30 -- 10:50	Loup Meurice: "Analyzing Database Schema Evolution" [slides < presentations/Loup Meurice - Analyzing Database Schema Evolution.pdf >]
10:50 -- 11:10	Mathieu Goeminne: "OSCAR: an empirical analysis on the co-evolution in a data-intensive software system" [slides < presentations/Mathieu Goeminne - OSCAR an empirical analysis on the co-evolution in a data-intensive software system.pdf >] [SlideShare < http://www.slideshare.net/MathieuGoeminne/goeminne-benevol2013 >]
11:10 -- 11:30	Coffee break
11:30 -- 11:50	Stevens Reinout: "Patching Patches" [slides < presentations/Stevens Reinout - Patching Patches.pdf >]
11:50 -- 12:10	Alexander Serebrenik: "Visualizing the complexity of Software Module Upgrades" [slides < presentations/Alexander Serebrenik - Visualizing the complexity of Software Module Upgrades.pdf >][SlideShare < http://www.slideshare.net/aserebrenik/benevol-29248582 >]
12:10 -- 12:30	David Cutting: "Benchmarking Reverse Engineering Tools and Using Tool Output for Further Analysis" [slides < presentations/David Cutting - Benchmarking Reverse Engineering Tools and Using Tool Output for Further Analysis.pdf >]
12:30 -- 13:45	Lunch
14:00 -- 14:20	Coen De Roover: "The Cha-Q Meta-Model: A Comprehensive, Change-Centric Software Representation" [slides < presentations/Coen De Roover - The Cha-Q Meta-Model: A Comprehensive, Change-Centric Software Representation.pdf >][SlideShare < http://www.slideshare.net/oniroi/benevol13 >]
14:20 -- 14:40	Benoit Cornu: "Characterizing, Verifying and Improving Software Resilience with Exception Contracts and Test Suites" [slides < presentations/Benoit Cornu - Characterizing, Verifying and Improving Software Resilience with Exception Contracts and Test Suites.pdf >]
14:40 -- 15:00	Bogdan Vasilescu: "Crowdsourced Knowledge Catalyzes Software Development" [slides < presentations/Bogdan Vasilescu - Crowdsourced Knowledge Catalyzes Software Development.pdf >]
15:00 -- 15:20	Erik Kouters: "Who's Who on Gnome Mailing Lists: Identity Merging on a Large Data Set" [slides < presentations/Erik Kouters - Who's Who on Gnome Mailing Lists: Identity Merging on a Large Data Set.pdf >]
15:30 -- 16:00	Coffee break

16:00 -- 16:20	Kim Mens: “Fragility of Evolving Software” [slides <presentations/Kim Mens - Fragility of Evolving Software.pdf>]
16:20 -- 16:40	Nicolas Cardozo: “When Behavior Disappears” [slides <presentations/Nicolas Cardozo - When Behavior Disappears.pdf>]
16:40 -- 17:00	Nesrine Mezhoudi: “User interface evolution: Machine learning for GUI at runtime contextualisation”
17:00 -- 17:20	Jaap Kabbedijk: “Software Patterns for Runtime Variability in Online Business Software” [slides <presentations/Jaap Kabbedijk - Software Patterns for Runtime Variability in Online Business Software.pdf>]
17:20 -- 17:40	Nicolay Jens: “Generic Pushdown Analysis and Program Querying of Higher-Order Languages” [slides <presentations/Nicolay Jens - Generic Pushdown Analysis and Program Querying of Higher-Order Languages.pdf>]
19:00 -- ...	Dinner at La Verr'hier < http://www.laverrhier.com/verrhier.php#carte >

Tuesday	Auditoire 25 -- Rue de Houdain, Mons, Belgium
09:00 -- 10:00	Keynote: Harald Gall. “Replication and Benchmarking: Challenges for Software Evolution Data Analysis” [slides <presentations/Harald Gall - Replication and Benchmarking: Challenges for Software Evolution Data Analysis.pdf>][SlideShare < http://www.slideshare.net/hcgall/benevol-2013keynote-talk17dec2013 >]
10:00 -- 10:20	Hajer Ayed: “Agile processes evolution challenges”
10:20 -- 10:40	Damian Tamburri: “Towards Services for Agile Organizations: The HYDRA Approach” [slides <presentations/Damian Tamburri - Towards Services for Agile Organizations: The HYDRA Approach.pdf>]
10:40 -- 11:00	Coffee break
11:00 -- 11:20	Carlos Cervigon : “Effort estimation based on Mining Software Repositories - A Preliminary Approach” [slides <presentations/Carlos Cervigon - Effort estimation based on Mining Software Repositories - A Preliminary Approach.pdf>]
11:20 -- 11:40	Gregorio Robles : “Software Forks: A new Challenge for Software Evolution Research”
11:40 -- 12:00	Maelick Claes : “Towards an empirical analysis of the maintainability of CRAN packages” [slides <presentations/Maelick Claes - Towards an empirical analysis of the maintainability of CRAN packages.pdf>][SlideShare < http://www.slideshare.net/tommens/towards-an-empirical-analysis-of-the-maintainability-of-cran-packages?utm_source=slideshow&utm_medium=ssemail&utm_campaign=upload_digest >]
12:00 -- 12:30	Davy Landman: “Control Flow in the Wild: A first look at 13K Java Projects”
12:30 -- 13:45	Lunch
14:00 -- 14:20	Jurgen Vinju: “M3: An Open Model for Measuring Code Artifacts”
14:20 -- 14:40	Eric Bouwers: “Exploring Characteristics of Code Churn” [slides <presentations/Eric Bouwers - Exploring Characteristics of Code Churn.pdf>]
14:40 -- 15:00	Dimitri Durieux: “Technical debt KPI for driving software quality evolution Feedback from an industrial survey”
15:00 --	Magiel Bruntink: “Towards Base Rates in Software Analytics” [slides <presentations/Magiel

15:20	Bruntink - Towards Base Rates in Software Analytics.pdf>]
15:30 -- 16:00	Coffee break
16:00 -- 16:20	Yuriy Tymchuk: “Generic Name Resolution with Metamodels” [slides <presentations/Yuriy Tymchuk - Generic Name Resolution with Metamodels.pdf>] [Speakerdeck < https://speakerdeck.com/uko/fast-resolution-benevol13 >]
16:20 -- 16:40	Laurent Christophe: “Study on the Practices and Evolutions of Selenium Test Scripts” [slides <presentations/Laurent Christophe - Study on the Practices and Evolutions of Selenium Test Scripts.pdf>]
16:40 -- 17:00	Alessandro Murgia: “Predicting Bug-Fixing Time using Bug Change History” [slides <presentations/Alessandro Murgia - Predicting Bug-Fixing Time using Bug Change History.pdf>]
17:00	Closing of Benevol 2013
