# IWST 2012

## Program of the 4th edition of the International Workshop on Smalltalk Technologies

In conjunction with the

20th International Smalltalk Joint Conference

Gent, august 2012

# CFP

**Goals and scopes**

- The goals of the workshop is to create a forum around advances or experience in Smalltalk and to trigger discussions and exchanges of ideas. Participants are invited to submit research articles. We will not enforce any length restriction. However we expect papers of two kinds:
  - Short position papers describing emerging ideas.
  - Long research papers with deeper description of experiments and of research results.
- We welcome contributions on all aspects, theoretical as well as practical, of Smalltalk related topics such as:
  - Aspect-oriented programming,
  - Design patterns,
  - Experience reports,
  - Frameworks,
  - Implementation,
  - new dialects or languages implemented in Smalltalk,
  - Interaction with other languages,
  - Meta-programming and Meta-modeling,
  - Tools

**Publication**

- Both submissions and final papers must be prepared using the ACM SIGPLAN 10 point format. Templates for Word and LaTeX are available at http://www.acm.org/sigs/sigplan/authorInformation.htm.
- Authors of the best accepted papers will also be invited to submit extended versions for publication in a special issue of Elsevier "Science of Computer Programming: Methods of Software Design: Techniques and Applications"
- Please submit your paper through EasyChair on http://www.easychair.org/conferences/?conf=iwst2012

# Organization

**Program Chairs**

- *Loïc Lagadec Lab-STICC, UBO, France*
- *Alain Plantec, Lab-STICC, UBO, France*

**Program Committee**

- *Gabriela Arevalo, Universidad Nacional de Quilmes, Agentina*
- *Alexandre Bergel University of Chile*
- *Andrew P. Black  Portland State University, US*
- *Marcus Denker    Rmod, INRIA Lille - Nord Europe, France*
- *Luc Fabresse      Ecole des Mines de Douai, France,*
- *Tudor Girba CompuGroup Medical Schweiz, Switzerland*
- *Andy Kellens      Software Languages Lab, Vrije Universiteit Brussel, Belgium*
- *Mickaël Kerboeuf LabSticc, University of Brest, France*
- *Jannik Laval        LaBRI, University of Bordeaux, France*
- *Mariano Martinez Peck      Ecole des Mines de Douai, France,*
- *Lukas Renggli     Google, Switzerland*
- *Jorge Ressia       Software Composition Group, University of Bern, Switzerland*
- *Bastian Steinert  HPI, Software Architecture Group, Germany*
- *Hernan Wilkinson        10Pines, IT consultancy, Buenos Aires, Argentina*
- *Roel Wuyts IMEC Leuven, Belgium*

# Schedule

Session 1: **Tuesday, August 28**

- 2:00pm: **Opening**

- 2:05pm-2:25pm: **On the Integration of Smalltalk and Java**
  Marcel Hlopko, Jan Kurs, Jan Vrany and Claus Gittinger

- 2:25pm-2:45pm: **Refactoring Support For Smalltalk Using Static Type Inference**
  Martin Unterholzner

- 2:45pm-3:05pm: **Smalltalk in a C World**
  David Chisnall

# Schedule

Session 2: **Tuesday, August 28**

- 3:30pm-3:50pm: **Tracking Down Software Changes Responsible for Performance Loss**
  Juan Pablo Sandoval Alcocer

- 3:50pm-4:10pm: **Spec : A Framework for the Specification and Reuse of UIs and their Models**
  Benjamin Van Ryseghem, Stéphane Ducasse and Johan Fabry

- 4:10pm: **Closing**