

# 5th International Workshop on Exception Handling

Zurich, Switzerland - Saturday, June 9, 2012

[www.les.inf.puc-rio.br/opus/weh2012/](http://www.les.inf.puc-rio.br/opus/weh2012/)

## CALL FOR PAPERS

Following the success of previous workshops held in 2000, 2003, 2005, 2008, this workshop will provide a forum for presenting and discussing research on **exception handling** in all areas of software engineering. The workshop aims at covering the whole software life cycle, methodological as well as technical issues, modeling techniques or linguistic mechanisms. In particular, we will be interested in discussing a number of research open questions.

Papers should describe **innovative** and **ongoing work**, thoughts, lessons learned, or points of view with respect to one or more workshop topics. Moreover we especially encourage authors to present their experience and/or **novel ideas** on how to provide a modern software engineering treatment of exception handling (shorter format). The papers chosen for presentation will offer different or novel perspectives on the workshop topics and they must have a high potential for generating issues that will stimulate the discussions. Papers will be refereed by at least three reviewers. The EasyChair submission site will be open in mid January 2012. The workshop proceedings will be published in the electronic proceedings of ICSE'12 with an ISBN/ISSN number. The information will appear on the workshop web site.

### Important dates:

- 17 February 2012 - Workshop paper submissions due
- 19 March 2012 - Notification of workshop paper authors
- 29 March 2012 - Submissions of camera-ready papers

### Workshop chairs:

Christophe Dony, Montpellier-II University, France  
Alessandro Garcia, PUC-Rio, Brazil  
Joerg Kienzle, McGill University, Canada  
Alexander Romanovsky, Newcastle University, UK

### Organisation committee:

Christophe Dony, Montpellier-II University, France  
Alessandro Garcia, PUC-Rio, Brazil  
Jörg Kienzle, McGill University, Canada  
Alexander Romanovsky, University of Newcastle, UK  
Eiji Adachi Barbosa, PUC-Rio, Brazil

### Topics

The workshop is intended to cover a wide range of topics, from theoretical foundations to empirical software engineering studies of exception handling techniques. Topics of interest include the following (but not limited to):

- Exceptions in software processes
- Exceptions in the software life-cycle: requirements engineering, specifications, architectural design, modeling and programming, predictive models, model transformation, verification, debugging, testing, documentation, refactoring, variability management, static analysis, metrics, quality models, etc
- Exception handling for and with new software artifacts (e.g. aspects, components, features, services, etc)
- Exception handling in today's applications (distributed, ubiquitous, ambient, web-based, cloud, etc)
- Exception handling and software fault tolerance
- Empirical studies of exception handling
- Recommender systems for exception handling code
- Design patterns and anti-patterns, architectural styles, and good programming practice.

### Workshop PC:

William Bail, Mitre, USA  
Dan Berry, University of Waterloo, Canada  
Peter A. Buhr, University of Waterloo, Canada  
Nelio Cacho, Federal Univ. of Rio Grande do Norte, Brazil  
Fernando Castor, Federal Univ. of Pernambuco, Brazil  
Charles Consel, INRIA, France  
Sebastian Elbaum, Univ. Nebraska-Lincoln, USA  
Jean-Charles Fabre, LAAS-CNRS, France  
Phil Koopman, Carnegie-Mellon University, USA  
Axel van Lamsweerde, Univ. Cat. Louvain, Belgium  
Paulo Marques, University of Coimbra, Portugal  
Leon J. Osterweil, University of Massachusetts, USA  
Cecilia Rubira, University of Campinas, Brazil  
Francois Taiani, Lancaster University, UK  
Anand Tripathi, University of Minneapolis, USA  
Elena Troubitsyna, Aabo Akademi, Finland

### Co-Located with:



**ICSE 2012**

June 2-9, 2012  
Zurich • Switzerland

