Foreword

Welcome to the Fifth Workshop on Exception Handling – WEH’12. The WEH workshop provides a vibrant forum for presenting and discussing research on exception handling in all areas of software development. There is still much to discover and improve in exception handling techniques and many important questions have not yet been answered. This workshop builds up on the success of its previous editions, which were organized as satellite events of ECOOP and FSE. The first four editions of the WEH workshop mostly focused on the interplay of exception handling and: (i) programming paradigms, or (ii) emerging application domains, such as fault-tolerant systems. The main reason for organizing this workshop at ICSE is the pressing demand to revisit the role of exception handling in software engineering. Thus, the workshop participants are encouraged to work together to identify exception handling challenges in the whole software life cycle. These challenges are expected to cover fundamental issues, modelling techniques, programming language mechanisms, and other relevant aspects of exception handling from the software engineering perspective.

In this WEH edition, we received 16 submissions. Nearly all submissions were reviewed 4 times. We rejected 3 papers out of 16 submissions. A special care was taken in reviewing a submission co-authored by one of the workshop co-chairs. We announced to all the program committee members the procedure we were going to follow in this case. One of the chairs (Joerg Kienzle) took this job - he approached four committee members (chosen by him, anonymously) directly asking them to provide 4 anonymous reviews. After that their reviews were uploaded to the system by him. This ensured the anonymity and transparency of the review process.

We are pleased to present the workshop program with one invited talk and thirteen papers. The program also includes focused discussion groups. This WEH edition includes the invited talk by Tao Xie:

- **Making Exceptions on Exception Handling**
  Tao Xie, Department of Computer Science, North Carolina State University

The 13 accepted papers cover three main themes: exception handling for concurrent and distributed systems, advanced exception handling mechanisms, and designing and coding with exception handling.

We would like to thank all the people who contributed to this WEH edition, in particular, the authors, the program committee members and the participants for their efforts in making WEH’12 a success.

Alessandro Garcia, Alexander Romanovsky, Jörg Kienzle, Christophe Dony, and Eiji Barbosa
WEH’12 Workshop Organizers

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Workshop Organization

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