14th International Conference on Evaluation and Assessment in Software Engineering (EASE)

Keele University, UK

12 - 13 April 2010

Editors:

Mark Turner

Mahmood Niazi

Abstract

The International Conference on Evaluation & Assessment in Software Engineering (EASE) offers a forum for discussion and exchange of experiences among researchers who present their research results and discuss issues related to empirical and evaluation studies. The conference aims to provide a workshop-like atmosphere in which papers can be presented and then time is allowed for constructive discussion of their results and processes.

This year's edition has been organised by the School of Computing and Mathematics at Keele University, UK (<http://www.scm.keele.ac.uk>).

The event includes two keynote speeches held by internationally leading researchers: Prof. Natalia Juristo, Madrid Technological University, Spain, and Prof. Marian Petre, Open University, UK.

Full Synopsis

The International Conference on Evaluation and Assessment in Software Engineering provides a forum for discussion and exchange of experiences among researchers who present their research results and discuss issues related to empirical and evaluation studies in a workshop-like atmosphere. The 14th edition (EASE 2010) has been organised by the School of Computing and Mathematics at Keele University, UK.

This year's papers have addressed topics including requirements and project management, evidence-based software engineering, global software development, programming and software architectures, and empirical software engineering.

We received submissions from countries all over the world. Each paper was reviewed by four members of the Program Committee and 12 full papers and 5 short papers were accepted for presentation at the Conference and inclusion in the Proceedings.

In addition to research papers we have two keynote speeches, one for each day of the conference: the first by Prof. Natalia Juristo, Madrid Technological University, Spain; the second by Prof. Marian Petre, Open University, UK.

We want to thank all of those who have contributed to the set up and running of this year's conference: the authors for submitting their papers, the Program Committee members for their valuable work in reviewing and selecting the papers and in promoting the conference, the organising committee together with all the people that helped in arranging the conference.

We finally thank all the attendees of the conference for making it a successful event, and hope you find the program interesting.

Dr Mark Turner & Dr Mahmood Niazi, Chairs

Editors

This conference was edited by:

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Papers:

Session 1: Requirements & Project Management

Daniel Méndez Fernández, Stefan Wagner, Klaus Lochmann and Andrea Baumann Field Study on Requirements Engineering Artefacts and Patterns <http://dx.doi.org/10.14236/ewic/EASE2010.1>

Mahvish Khurum, Sebastian Barney, Nina Dzamashvili Fogelström and Tony Gorschek Requirements Management for Continuous Software Product Development
<http://dx.doi.org/10.14236/ewic/EASE2010.2>

Sukumar Letchmunan, Marc Roper and Murray Wood Investigating effort prediction of web-based applications using CBR on the ISBSG dataset <http://dx.doi.org/10.14236/ewic/EASE2010.3>

Session 2: EBSE 1

Barbara A. Kitchenham, David Budgen and O. Pearl Brereton The value of mapping studies - A participant-observer case study <http://dx.doi.org/10.14236/ewic/EASE2010.4>

Katia Romera Felizardo, Elisa Yumi Nakagawa, Daniel Feitosa, Rosane Minghim and José Carlos Maldonado An Approach Based on Visual Text Mining to Support Categorization and Classification in the Systematic Mapping <http://dx.doi.org/10.14236/ewic/EASE2010.5>

Mehwish Riaz, Muhammad Sulayman, Norsaremah Salleh and Emilia Mendes Experiences Conducting Systematic Reviews from Novices' Perspective
<http://dx.doi.org/10.14236/ewic/EASE2010.6>

Session 3: Global Software Development

Dietmar Winkler, Stefan Biffl and Andreas Kaltenbach Evaluating Tools that Support Pair Programming in a Distributed Engineering Environment <http://dx.doi.org/10.14236/ewic/EASE2010.7>

Sebastian Barney, Claes Wohlin Alignment of Software Product Quality Goals in Two Outsourcing Relationships <http://dx.doi.org/10.14236/ewic/EASE2010.8>

Catarina Costa, Camila Cunha, Rodrigo Rocha, A. César C. França, Fabio Q. B da Silva and Rafael

Prikladnicki Models and Tools for Managing Distributed Software Development: A Systematic Literature Review <http://dx.doi.org/10.14236/ewic/EASE2010.9>

Siffat Ullah Khan, Mahmood Niazi, and Naveed Ikram Software Development Outsourcing Relationships Trust: A Systematic Literature Review Protocol
<http://dx.doi.org/10.14236/ewic/EASE2010.10>

Session 4: Programming & Software Architectures

A. César C. França, Paulo R. M. da Cunha and Fabio Q. B. da Silva The Effect of Reasoning Strategies on Success in Early Learning of Programming: Lessons Learned from an External Experiment Replication <http://dx.doi.org/10.14236/ewic/EASE2010.11>

Klaas-Jan Stol, Paris Avgeriou and Muhammad Ali Babar Identifying Architectural Patterns Used in Open Source Software: Approaches and Challenges <http://dx.doi.org/10.14236/ewic/EASE2010.12>

Dietmar Winkler, Stefan Biffl and Christoph Seemann A Controlled Experiment on Team Meeting Style in Software Architecture Evaluation <http://dx.doi.org/10.14236/ewic/EASE2010.13>

Session 5: EBSE 2

He Zhang and Muhammad Ali Babar On Searching Relevant Studies in Software Engineering
<http://dx.doi.org/10.14236/ewic/EASE2010.14>

Martin Höst and Alma Orlucic-Algic A Systematic Review of Research on Open Source Software in Commercial Software Product Development <http://dx.doi.org/10.14236/ewic/EASE2010.15>

Eliza S. F. Cardozo, J. Benito F. Araújo Neto, Alexandre Barza, A. César C. França and Fabio Q. B. da Silva SCRUM and Productivity in Software Projects: A Systematic Literature Review
<http://dx.doi.org/10.14236/ewic/EASE2010.16>

Lianping Chen, Muhammad Ali Babar and He Zhang Towards an Evidence-Based Understanding of Electronic Data Sources <http://dx.doi.org/10.14236/ewic/EASE2010.17>