2011 First International Workshop on Empirical Requirements Engineering

(EmpiRE 2011)

Trento, Italy 30 August 2011



IEEE Catalog Number: ISBN:

CFP1165P-PRT 978-1-4577-1075-9

First International Workshop on Empirical Requirements Engineering (EmpiRE 2011)

| Welcome from the Workshop Chairs Committees | 5 7 |
|---|-------------------|
| Sponsoring and Support | 9 |
| Invited Talks | |
| Prof. Neil Maiden, City London University, UK Prof. Massimiliano Di Penta, University of Sannio, Itay Prof. Fabio Massacci, University of Trento, Italy | 10 11 """34 |
| Technical Papers | |
| Daniel Aceituna, Hyunsook Do, Gursimran Walia and Seok-Won Lee. Evaluating the Use of Model-based Requirements Verification Method: A Feasibility Study | 13 |
| Nelly Condori-Fernández, Maya Daneva, Klaas Sikkel and Andrea Herrmann. Practical Relevance of Experiments in Comprehensibility of Requirements Specifications | 21 |
| Patrícia Espada, Miguel Goulão and Joao Araujo. Measuring Complexity and Completeness of KAOS Goal Models (Young Position Paper) | 29 |
| Virginia Franqueira, Zornitza Bakalova, Thein Than Tun and Maya Daneva. Towards an Agile Security Risk Management in RE and Beyond (Position Paper) | 33 |
| Daniel Isaacs and Daniel Berry. Developers Want Requirements, but Their Project Manager Doesn't; and a Possibly transcendent Hawthorne Effect | 37 |
| Wei-Keat Kong and Jane Hayes. Proximity-Based Traceability: An Empirical Validation using Ranked Retrieval and Set-based Measures | 45 |
| Mirko Morandini, Alessandro Marchetto and Anna Perini. Requirements Comprehension: A Controlled Experiment on Conceptual Modeling Methods | 53 |
| Gianna Reggio, Maurizio Leotta and Filippo Ricca "Precise is better than Light" A Document Analysis Study about Quality of Business Process Models | 61 |

| Luca Sabatucci, Mariano Ceccato, Alessandro Marchetto and Angelo Susi. Ahab's Leg Dilemma: on the Design of a Controlled Experiment | 69 |
|---|----|
| Giuseppe Scanniello and Ugo Erra. Assessing Think-Pair-Square in Distributed Modeling of Use Case Diagrams | 77 |
| Miguel A. Teruel, Elena Navarro, Víctor López-Jaquero, Francisco Montero and Pascual Gonzalez. Assessing the Understandability of Collaborative Systems Requirements Notations: an Empirical Study | 85 |