

EASE 2012



16th International Conference on
Evaluation & Assessment in Software Engineering
Escuela Superior de Informática, Universidad de Castilla-La Mancha
Ciudad Real, 14-15 May, 2012
<http://alarcos.esi.uclm.es/ease2012>

Programme

Full Papers (20 minutes, 15 presentation + 5 questions)

Short Papers (10 minutes, 5 presentation + 5 questions)

Time	Sunday 13th May 2012
19:30-21:30	Welcome Reception See details at Social Events link (http://alarcos.esi.uclm.es/ease2012/)

Time	Monday 14th May 2012
08:30-09:15	Registration
9:15-9:30	Welcome/Introduction
9:30-10:30	Keynote title: Empirical Models: Towards a Science of Software Engineering Prof. Dieter Rombach (Software Engineering Chair, CS Dept., University of Kaiserslautern Executive Director, Fraunhofer IESE, Kaiserslautern). Chair: Marcela Genero
10:30-11:00	Coffee
11:00-13:00	Session 1 – 'Tertiary and Secondary Studies' Chair: Emilia Mendes Systematic Literature Reviews in Global Software Development: A Tertiary Study. <i>June Verner, Pearl Brereton, Barbara Kitchenham, Mark Turner and Mahmood Niazi.</i> (FP) Preliminary Results of A Systematic Review on Requirements Evolution. <i>Juan Li, He Zhang, Liming Zhu, Ross Jeffery, Qing Wang and Mingshu Li.</i> (FP) Causes of Requirement Change – A Systematic Literature Review. <i>Muneera Bano, Salma Imtiaz, Naveed Ikram, Mahmood Niazi and Muhammad Usman.</i> (FP) Sustainability in Software Engineering: A Systematic Literature Review for Building up a Knowledge Base. <i>Birgit Penzenstadler, Veronika Bauer, Coral Calero and Xavier Franch.</i> (FP) A Systematic Mapping Study on the Open Source Software Development Process. <i>Silvia Teresita Acuña Castillo, John Wilmar Castro Llanos, Oscar Dieste and Natalia Juristo Juzgado.</i> (SP) A Study on Risk Management for Software Engineering. <i>Luanna Lopes Lobato, Paulo Silveira, Ivan Machado and Silvio Meira.</i> (SP) A Systematic Review on the Effectiveness of Web Usability Evaluation Methods. <i>Adrian Fernandez, Silvia Abrahão and Emilio Insfran.</i> (SP)

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Time	Monday 14th May 2012
	A Mapping Study of the Definitions used for Service Oriented Architecture. <i>Maria Anjum and David Budgen.</i> (SP)
13:00-14:00	Lunch
	<p>Session 2 – ‘Primary Studies 1’ Chair: Pearl Brereton</p> <p>An Initial Evaluation of Requirements Dependency Types in Change Propagation Analysis. <i>Juan Li, Liming Zhu, Ross Jeffery, Yan Liu, He Zhang, Qing Wang and Mingshu Li.</i> (FP)</p> <p>Towards an Explanatory Theory of Motivation in Software Engineering: A Qualitative Case Study of a Government Organization. <i>A. César C. França, Adelnei De L. C. Felix and Fabio Q. B. Da Silva</i> (FP)</p> <p>Understanding Lack of Trust in Distributed Agile Teams: A Grounded Theory Study. <i>Siva Dorairaj, James Noble and Petra Malik.</i> (FP)</p>
14:00-16:00	<p>Maturity of Software Modelling and Model Driven Engineering: a Survey in the Italian Industry. <i>Federico Tomassetti, Marco Torchiano, Alessandro Tiso, Filippo Ricca, and Gianna Reggio.</i> (FP)</p> <p>Evaluating Methods and Technologies in Software Engineering with Respect to Developers’ Skill Level. <i>Gunnar R. Bergersen and Dag I. K. Sjøberg.</i> (FP)</p> <p>Evaluation of Traceability Recovery in Context: A Taxonomy for Information Retrieval Tools. <i>Markus Borg, Per Runeson and Lina Brodén.</i> (FP)</p> <p>The Influence of Human Aspects on Software Process Improvement: Qualitative Research Findings and Comparison to Previous Studies. <i>Davi Santos, Cleidson R.B.de Souza, Dalton Vilela, Gleison Santos, Rafael Prikladnicki and Tayana Conte.</i> (SP)</p>
16:00 - 16:30	Coffee
	<p>Session 3 – ‘Methodology and Guidelines’ Chair: Sandro Morasca</p> <p>Mapping study completeness and reliability - a case study. <i>Barbara Kitchenham, Pearl Brereton and David Budgen.</i> (FP)</p>
16:30-18:10	<p>Pattern-Based Guideline to Empirically Analyse Software Development Processes. <i>Daniel Méndez Fernández, Birgit Penzenstadler and Marco Kuhmann.</i> (FP)</p> <p>On Integrating Student Empirical Software Engineering Studies with Research and Teaching Goals. <i>Matthias Galster, Dan Tofan and Paris Avgeriou.</i> (FP)</p>

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	<p>Reporting Guidelines for Simulation-Based Studies in Software Engineering. <i>Breno de França and Guilherme Travassos</i>. (SP)</p> <p>Towards a Unified Checklist for Empirical Research in Software Engineering: A First proposal. <i>Roel Wieringa</i>. (SP)</p> <p>GlobReq: A Framework for Improving Requirements Engineering in Global Software Development Projects: Preliminary Results. <i>Mahmood Niazi, Mohamed El-Attar, Muhammad Usman and Naveed Ikram</i> (SP)</p> <p>Towards Evidence-Based Ontology for Supporting Systematic Literature Review. <i>Yueming Sun, Ye Yang, He Zhang, Wen Zhang and Qing Wang</i>. (SP)</p>
19:00	<p>Visit to Almagro – Gala Dinner See details at Social Events link (http://alarcos.esi.uclm.es/ease2012/)</p>

Time	Tuesday 15th May 2012
9:30-10:30	<p>Keynote's title: Using ethnography in empirical software engineering Prof. Helen Sharp (The Open University, UK.) Chair: Emilia Mendes</p>
10:30-11:00	Coffee
11:00-13:00	<p>Session 4 – 'Primary Studies 2' Chair: Oscar Dieste</p> <p>An Experimental Setup to Assess Design Diversity of Functionally Equivalent Services. <i>Amanda S. Nascimento, Fernando Castor, Cecilia M. F. Rubira and Rachel Burrows</i>. (FP)</p> <p>Using the ISO/IEC 9126 product quality model to classify defects: a Controlled Experiment. <i>Antonio Vetro', Nico Zazworka, Carolyn Seaman and Forrest Shull</i>. (FP)</p> <p>A study of the effectiveness of two threshold definition techniques. <i>Laura Sánchez González, Felix Garcia, Francisco Ruiz and Jan Mendling</i>. (FP)</p> <p>Software Effort Estimation with a Generalized Robust Linear Regression Technique. <i>Luigi Lavazza and Sandro Morasca</i>. (FP)</p> <p>First Impressions in Software Development Effort Estimation: Easy to Create and Difficult to Neutralize. <i>Magne Jorgensen and Erik Loehre</i>. (FP)</p> <p>Test Case Quality in Test Driven Development: A Study Design and a Pilot Experiment. <i>Adnan Causevic, Daniel Sundmark and Sasikumar Punnekkat</i>. (SP)</p>

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	Does the use of Fibonacci numbers in Planning Poker affect effort estimates? <i>Ritesh Tamrakar and Magne Jorgensen.</i> (SP)
13:00-14:00	Lunch
14:00-16:00	<p>Session 5 – ‘Secondary Studies’ Chair: Magne Jorgensen</p> <p>Risks of Off-The-Shelf-based Software Acquisition and Development: A Systematic Mapping Study and A Survey. <i>Dana S. Kusumo, Mark Staples, Liming Zhu, He Zhang and Ross Jeffery.</i> (FP)</p> <p>Risk Management in Software Engineering: A Scoping Study. <i>Luanna Lopes Lobato, Ivan Machado, Paulo Silveira Neto, Eduardo Almeida and Silvio Romero de Lemos Meira.</i> (FP)</p> <p>Aspect-Oriented Software Maintenance Metrics: A Systematic Mapping Study. <i>Juliana Saraiva, Emanuel Barreiros, Adauto Almeida, Flavio Lima, Aline Alencar, Gustavo Lima, Sérgio Soares and Fernando Castor.</i> (FP)</p> <p>Maintainability Prediction of Relational Database-Driven Software Applications: A Systematic Review. <i>Mehwish Riaz.</i> (FP)</p> <p>A Mapping Study of Software Code Cloning. <i>Thomas Shippey, David Bowes, Bruce Christianson and Tracy Hall.</i> (SP)</p> <p>Development of Maturity Models: A Literature Review. <i>Gabriel Alberto García-Mireles, M. Angeles Moraga and Félix García.</i> (SP)</p> <p>What Agile ERP Consultants Think of Requirements Engineering for Inter-organizational ERP Systems: Insights from a Focus Group in Benelux. <i>Maya Daneva and Niv Ahituv.</i> (SP)</p>
16:00	Closing session
16:15-16:45	Coffee and departure