REFSQ’05 Proceedings
Table of Contents

Workshop Summary.................................................................................................................. 3
Erik Kamsties, Vincenzo Gervasi, Pete Sawyer

Session 1 : Understanding and Improving the RE Process
P01. Factors that Affect Requirements Engineers in their Decision Situations: A Case Study................................................................. 23
Beatrice Alenljung and Anne Persson

P02. Assessing the Quality of Requirements Process Changes ...................................... 38
Tony Gorschek and Alan M. Davis

P03. A Communication Protocol for Requirements Engineering Processes............... 51
Bhavani Palyagar and Debbie Richards

Gemma Grau, Xavier Franch and Neil A.M. Maiden

Session 2 : RE in Different Domains
P05. Towards a Risk-Based Security Requirements Engineering Framework ........... 83
Nicholas Mayer, André Rifault and Eric Dubois

P06. How Service-Centric Systems Change the Requirements Process..................... 98
S.V. Jones, N.A.M. Maiden, K. Zachos and X. Zhu

P07. The Four Levels of Requirements Engineering for and in Dynamic Adaptive Systems......................................................................................... 113
Daniel M. Berry, Betty H.C. Cheng and Ji Zhang

P08. Selling Web Services as Capabilities ..................................................................... 121
Anju Jha and Karl Cox

P09. The Engineering of Generic Requirements for Failure Management.............. 136
Colin Snook, Michael Poppleton and Ian Johnson

Session 3 : Requirements and Quality
T.H. Pang, N.A.M. Maiden, K. Zachos and C. Ncube

Åsa G. Dahlstedt
P12. Quality Misuse ................................................................................................................. 180
Andrea Herrmann and Barbara Paech

P13. Scenario-Drive Specification-Based Testing Against Goals and Requirements
........................................................................................................................................... 187
Thomas A. Alspaugh, Debra J. Richardson, Thomas A. Standish and Hadar Ziv

.................................................................................................................................................. 203
Eustace Asanghanwa, Alan M. Davis, Oscar Dieste, Ann M. Hickey, Natalia Juristo and Ana Moreno

**Session 4: Changes, Dependencies, Composition**

P15. Supporting the Consideration of Dependencies in Use Case Specifications .... 216
John Kanyaru, Keith Phalp, Karl Cox and Anju Jha

P16. Finding Tacit Knowledge by Solving the Pre-Requirements Tracing Problem 224
Andrew Stone and Pete Sawyer

P17. Flexible Release Planning using Integer Linear Programming .................... 230
Marjan van den Akker, Sjaak Brinkkemper, Guido Diepen and Johan Versendaal

P18. Towards Capturing Change in Socio-Technical Systems Requirements........ 246
John Brier, Lucia Rapanotti and Jon G. Hall

*List of authors* ......................................................................................................................... 260

*List of participants* .................................................................................................................. 262