

Tuesday 23<sup>rd</sup> August – Pre-registration from 17:00 – 19:00 at the PGCentre Reception Area

| ISD 2011 Timetable                                     |   |            |                                  |   |             |             |                                |  |             |             |
|--|---|------------|----------------------------------|---|-------------|-------------|--------------------------------|--|-------------|-------------|
| Wednesday 24 <sup>th</sup> August                      |   |            | Thursday 25 <sup>th</sup> August |   |             |             | Friday 26 <sup>th</sup> August |  |             |             |
|  |   |            | 0900                             | Keynote 2 Ian Sommerville<br>Cairn Auditorium |             |             |                                | 0900   | S13<br>2.01 | S14<br>2.02 |
|  |   |            | 1000                             | S5<br>2.01                                    | S6<br>2.02  | S6a<br>3.04 | 1100                           | Coffee   |             |             |
| 1030 -<br>1230   | Registration                              |            | 1100                             | Coffee  |             |             |                                | 11.30  | S15<br>2.01 | S16<br>2.02 |
| 1230   | Coffee                                    |            | 1130                             | S7<br>2.01                                    | S8<br>2.02  | S8a<br>3.04 | 1300                           | Finish and farewell <b>Lunch</b><br>Cairn Auditorium |             |             |
| 1300-<br>1400  | Keynote 1 Nick Taylor<br>Cairn Auditorium |            | 1300                             | Lunch   |             |             |                                |  |             |             |
| 1400-<br>1500  | S1<br>2.01                                | S2<br>2.02 | S2a<br>3.04                      | 1400  | S9<br>2.01  | S10<br>2.02 |                                |  |             |             |
| 1500   | Coffee                                    |            | 1500                             | Coffee  |             |             |                                |  |             |             |
|  |   |            | 1530                             | ISD 2012 Presentation<br>Cairn Auditorium     |             |             |                                |  |             |             |
| 1530-<br>1730  | S3<br>2.01                                | S4<br>2.02 |                                  | 1600-<br>1730                                 | S11<br>2.01 | S12<br>2.02 |                                |  |             |             |
| Welcome Reception in<br>Edinburgh Informatics Building |   |            | Scottish night                   |   |             |             |                                |  |             |             |

### Breakdown of Sessions by Paper

| Session | Paper1 | Paper 2 | Paper 3 | paper 4 |
|---------|--------|---------|---------|---------|
| S1      | 24     | 26      |         |         |
| S2      | 28     | 14      |         |         |
| S2a     | 6      | 54      |         |         |
| S3      | 1      | 2       | 40      | 33      |
| S4      | 13     | 45      | 4       | 55      |
| S5      | 30     | 10      |         |         |
| S6      | 37     | 38      |         |         |
| S6a     | 17     | 31      | 34      |         |
| S7      | 39     | 46      | 49      |         |
| S8      | 12     | 42      | 53      |         |
| S8a     | 18     | 27      | 48      |         |
| S9      | 5      | 19      |         |         |
| S10     | 29     | 25      |         |         |
| S11     | 32     | 36      | 51      |         |
| S12     | 23     | 44      | 47      | 50      |
| S13     | 3      | 35      | 15      |         |
| S14     | 7      | 16      | 20      | 21      |
| S15     | 11     | 43      | 52      |         |
| S16     | 8      | 22      | 41      |         |



**Session Chairs by Session:**

| <b>Session No</b> | <b>Time / Day</b> | <b>Room No.</b> | <b>Chair</b>        |
|-------------------|-------------------|-----------------|---------------------|
| 1                 | Wed / 14:00       | 2.01            | Jaroslav Pakorny    |
| 2                 | Wed / 14:00       | 2.02            | Rob Pooley          |
| 2a                | Wed / 14:00       | 3.04            | Gokul Bhandari      |
| 3                 | Wed / 15:30       | 2.01            | David Greenwood     |
| 4                 | Wed / 15:30       | 2.02            | Michael Lang        |
| 5                 | Thurs / 10:00     | 2.01            | Tessa Berg          |
| 6                 | Thurs / 10:00     | 2.02            | Rafiqul Haque       |
| 6a                | Thurs / 10:00     | 3.04            | Simon McGinnes      |
| 7                 | Thurs / 11:30     | 2.01            | Aditya Ghose        |
| 8                 | Thurs / 11:30     | 2.02            | Chris Barry         |
| 8a                | Thurs / 11:30     | 3.04            | David Bustard       |
| 9                 | Thurs / 14:00     | 2.01            | Stig Nordheim       |
| 10                | Thurs / 14:00     | 2.02            | Robert Brown        |
| 11                | Thurs / 16:00     | 2.01            | Martin Necasky      |
| 12                | Thurs / 16:00     | 2.02            | Christoph Schneider |
| 13                | Fri / 09:00       | 2.01            | Michael Lang        |
| 14                | Fri / 09:00       | 2.02            | Alena Buchalcevova  |
| 15                | Fri / 11:30       | 2.01            | Gabrielle Costello  |
| 16                | Fri / 11:30       | 2.02            | Tessa Berg          |

1. Borislav Jošanov and Radovan Tomić. Performance analysis and preparatory time for invoice creation: case study in agricultural production system
2. David Greenwood and Ian Sommerville. Expectations and Reality: Why an enterprise software system didn't work as planned
3. Jon Iden, Bjørnar Tessem and Tero Päivärinta. Problems in the interplay of IS development and IT operations - An alignment analysis
4. Lise Tordrup Heeager. The Agile and the Disciplined Software Approaches: Combinable or just Compatible?
5. Igor Hawryszkiewicz. Designing Communities for Large Scale Sustainable Collaboration
6. Bjorn Furuholt and Edmund Matotay. Supply and Demand of E-government Services in Developing Countries: Cases from Tanzania
7. Helena McCabe, David Bustard and Patricia O'Sullivan. Reflections on a Multimethodology Approach to Business Process Management
8. Julián Alberto García García, Carmen M. Cutilla, María José Escalona, Manuel Alba and Jesús Torres. NDT-Driver, a Java Tool to Support QVT Transformations for NDT
10. Linda Dawson. Cognitive processes in object-oriented requirements engineering practice: analogical reasoning and mental modelling
11. Gabriel Costello, Ray Clarke, John Lohan and Brian Donnellan. DEVELOPMENT OF A PROTOTYPE KNOWLEDGE DISCOVERY PORTAL FOR ENERGY INFORMATICS
12. Michelle Tellam Lawrence and Briony Oates. Product or service? An interpretive case study of web development
13. Esmeralda Thomson and Richard Vidgen. Balancing the paradox of formal and social governance in distributed agile development projects
14. Hanwen Guo, Ross Brown and Rune Rasmussen. Human Resource Behaviour Simulation in Business Processes
15. Tim A. Majchrzak and Claus A. Usener. Evaluating the Synergies of Integrating E-Assessment and Software Testing
16. Eduardo Augusto Silvestre and Michel Soares. Multiple View Architecture Model for Distributed Real-Time Systems Using MARTE
17. Simon Mcginnes. Applying Psychology to Facilitate Participation in Conceptual Modelling
18. David Bustard, George Wilkie and Desmond Greer. Agile Software Development Diffusion: Insights from a Regional Survey
19. Jun Shen, Ghassan Beydoun and Graham Low. An MAS-based Implementation for Semantic Web Services Composition
20. Alena Buchalceva. Software Process Improvement in small companies as a path to Enterprise Architecture
21. Javier Saenz, Eugenio Fernandez and Mercedes De La Camara. A CMDB META MODEL BASED ON SERVICES
22. Francisco Jose Dominguez Mayo, Maria Jose Escalona Cuaresma, Manuel Mejias Risoto, Jose Ponce Gonzalez, Isabel Ramos Roman, Margaret Ross and Geoff Staples. Tool Support for the Quality Assessment of MDWE Methodologies
23. Juan José Sánchez and Eugenio Fernández. EFQ\_TIL: RELATIONSHIP MODEL BETWEEN ITIL AND EFQM TO ASSURE SERVICE QUALITY IN IT PROCESSES
24. Bo Andersson and Stefan Henningsson. Accentuated Factors of Handheld Computing
25. Robert Brown and Ian Piper. What Users Do: SA&D with the ATSA Method
26. George Feurelicht and Jaroslav Pokorny. Can Relational DBMS Scale-up to the Cloud?
27. Mauri Leppänen. A Comparative Analysis of Agile Maturity Models
28. Jānis Grabis and Inese Šūpulniece. Simulation Based Evaluation of Adaptive Applications

29. Li Jiang, Armin Eberlein and Aneesh Krishna. Analyzing Empirical Data in Requirements Engineering Techniques
30. Balbir Barn and Gulzaar Barn. Conceptual Modelling: A Philosophy of Fiction Account
31. Erki Eessaar and Rünno Sgirka. An Ontological Analysis of Metamodeling Languages
32. Jakub Maly, Irena Mlynkova and Martin Necasky. On XML Document Transformations as Schema Evolves - A Survey of Current Approaches
33. Ruta Dubauskaite and Olegas Vasilecas. Tool Support for Checking Consistency of UML Model
34. Vaclav Repa. Object-Oriented Analysis with Data Flow Diagram
35. Stig Nordheim. Openness versus security: A challenging enterprise system case
36. Carla Farinha and Miguel Mira Da Silva. Requirements Elicitation With Web-Based Focus Groups
37. María Teresa Gómez-López, Rafael M. Gasca, Luisa Parody and Diana Borrego Núñez. Constraint-Driven Approach to Support Input Data Decision-Making in Business Process Management Systems
38. Noel Carroll, Rafiqul Haque, Eoin Whelan and Ita Richardson. Modelling Business Transactions across Service Supply Chain Networks
39. Min Gan and Honghua Dai. Quantitatively Evaluating the Effects of Price Promotions Using Data Mining
40. Estefania Serral, Luca Sabatucci, Chiara Leonardi, Pedro Valderas, Angelo Susi, Massimo Zancanaro and Vicente Pelechano. Applying a Methodology for Developing AmI Systems: the Nursing Home Case Study
41. Tilmann Zäschke, Christoph Zimmerli, Stefania Leone, Minh Nguyen and Moira Norrie. Adaptive Model-Driven Information Systems Development for Object Databases
42. Eli Hustad and Lene Staverløkk. Implementing a Service-Oriented Architecture: A Technochange Approach
43. Bindi Chen, William Wei Song, Yanhui Feng, Yingning Qiu and Peter Tavner. Knowledge-based Information Systems - A wind farm case study
44. Christoph Schneider and Terence Cheung. The power of the crowd: Performing usability testing using an on-demand workforce
45. Stefan Dietrich, Peter Killisperger, Thomas Stueckl, Norbert Weber, Tomas Hartmann and Eva-Maria Kern. Using UML 2.0 for Modelling Software Processes at Siemens AG
46. Aditya Ghose. A formal approach to designing and managing service eco-systems
47. Thoa Pham and Markus Helfert. Monitoring Information Quality within Web Services Composition and Execution
48. Simon Mcginnes. Barriers to Client Collaboration in Agile Offshore Information Systems Development
49. Ligita Businska, Inese Supulniece and Marite Kirikova. On data, information, and knowledge representation in business process models
50. Uddam Chukmol, Nabila Benharkat and Youssef Amghar. Toward a supporting framework for public Web service efficient reuse: a model based on social and collective usage experience
51. Majed Al-Shawa. Modeling and Analyzing Agents' Collective Options in Collaborative Systems Development Initiatives
52. Ana Hol. CRM for SMEs
53. Chris Barry, Mairéad Hogan and Ann Torres. Perceptions of Low Cost Carriers' Compliance with EU Legislation on Optional Extras
54. Gokul Bhandari. Building Healthcare Service Navigation System for a Local Health Integration Network: A Requirements Elicitation Model
55. Michael Lang, Kieran Conboy and Siobhan Keaveney. Cost Estimation in Agile Software Development Projects
56. Sussy Bayona Oré, Tomas San Feliu and Jose Calvo Manzano. Identify and Classify the Critical Success Factors to Successful of Processes Deployment