



Workshop Program
Day 1, Thursday – April 12th, 2012
University of Liverpool Management School, Seminar Room 5

8:30: Registration/Distribution of Workshop Material – Management School Atrium
Welcome to the EWG-DSS Liverpool-2012 Workshop at University of Liverpool
Opening Session by the Workshop Organisers

8:50 – 9:00: **Session D1-0: “Welcome to the EWG-DSS Liverpool 2012”**
Chair: EWG-DSS Coordination Board

9:00 – 9:30: **Session D1-1: Invited Talk 1 – Dr. Paul Drake, “Welcome to ULMS”**
Chair: Jorge E. Hernandez

9:30 – 10:30: **Session D1-2: Invited Talk 2 – Prof. Pascale Zaraté, “Cooperative Decision Support Systems” - Chair: Jorge E. Hernandez**

10:30 – 10:50: Coffee Break ULMS Cafe

10:50 – 12:10: Session D1-3: Collaborative Decision Making in Industries
Chair: Pascale Zaraté

10:50 – 11:10: Session D1-3.1: A multi-agent decision support system for the collaborative decision-making in multi-level supply chains

Authors: Jorge E. Hernandez, Andrew C. Lyons, Raul Poler and Josefa Mula

11:10 – 11:30: Session D1-3.2: Collaborative Manufacturing Planning and Scheduling Systems
Authors: Leonilde Varela, Rita Ribeiro and Goran Putnik

11:30 – 11:50: Session D1-3.3: Decision Support System Prototype for Supply Network Configuration Planning and Operations Scheduling in the Machine Tool Industry: a case study
Authors: Julien Maheut, Juan Manuel Besga and Jone Uribetxeberria

11:50 – 12:10: Session D1-3.4: An ahp-multicriteria selection of products in industrial and technological diversification strategies
Authors: José María Moreno-Jiménez, Daniel de Arcocha, Emilio LarrodÉ and Victoria Muerza.

12:10 – 12:30: Session D1-3.5: Decision Analysis in Nuclear Decommissioning: Developments in Techniques and Stakeholder Engagement Processes
Authors: Simon Turner and Stephen Wilmott.

12:30 – 14:00: Lunch (served in the Management School Cafe)

14:00 – 15:00: Session D1-4: Invited Talk 3 – Mr. Tony Waller, “WITNESS Simulation and its role in Decision Support” – Chair: Fatima Dargam

15:00 – 15:50: Session D1-5: Knowledge Management and Decision Making
Chair: Rita Ribeiro

15:00 – 15:20: Session D1-5.1: Knowledge management competence for ERP implementation success

Authors: Uchitha Jayawickrama, Shaofeng Liu and Melanie Hudson Smith

15:20 – 15:40: Session D1-5.2: Considering tacit knowledge when bridging knowledge management and collaborative decision making

Authors: Pierre-Emmanuel Arduin, Michel Grundstein and Camille Rosenthal-Sabroux.

15:40 – 15:50: Session D1-6: “EWG-DSS 2011-Award”, Pierre-Emmanuel Arduin
EWG-DSS Coordination Board

15:50 – 16:10: Coffee Break in the Management School Cafe

16:10 – 17:10: Session D1-7: Simulation-based DSS

Chair: João Costa

16:10 – 16:30: Session D1-7.1: The value of simulation and immersive virtual reality environments to design decision making in new product development

Authors: Antony Robotham and Fei Shao

16:30 – 16:50: Session D1-7.2: Simulation and Modelling as a Decision Support Tool In Manufacturing: A Case Study

Authors: Hossam Ismail and Lina Wang

16:50 – 17:10: Session D1-7.3: Sensor Network Infrastructure for Real-Time Business Intelligence

Authors: Ahmed Musa and Yahaya Yusuf.

18:15: EWG-DSS Liverpool-2012 Workshop Dinner
at Bistro Jaques Restaurant

Address: 37 Hardman Street, Liverpool, L1 9AS

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Workshop Program
Day 2, Friday – April 13th 2012
University of Liverpool Management School, Seminar Room 5

9:00 – 10:00: Session D2-1: Invited Talk 5 – Dr. Stephen Childe, “Decision Support and Operations Management – viewpoint from an editor” - Chair: Shaofeng Liu

10:00 – 10:20: Coffee Break in the Management School Cafe

10:20 – 11:20: Session D2-2: Decision Systems applied to SMEs
Chair: Pascale Zaraté

10:20 – 10:40: Session D2-2.1: The Benefits of Enterprise Systems for SMEs
Authors: Gwendolin Geier, Marion Schulze, Yahaya Yusuf and Ahmed Musa

10:40 – 11:00: Session D2-2.2: Operational planning solutions for non-hierarchical networked SMEs
Authors: Beatriz Andrés, Raul Poler and Jorge E. Hernández

11:00 – 11:20: Session D2-2.3: Support to the Diagnostic of Portuguese SME using AHP
Authors: Bruno Nunes and João Costa.

11:20 – 12:20: Session D2-3: Decision Systems applied to Supply Chains
Chair: José Moreno

11:20 – 11:40: Session D2-3.1: A Decision Support System for Delivery Management in a Lack of Homogeneity in Products (LHP) Context. The case of a ceramic tile supply chain
Authors: Andres Boza, Mme Alemany, Faustino Alarcón and Llanos Cuenca

11:40 – 12:00: Session D2-3.2: A Supply Chain Model for Integrated Procurement and Production Planning with Multiple Uncertainties
Authors: Wei Xu, Dong-Ping Song and Michael Roe

12:00 – 12:20: Session D2-3.3: A knowledge chain management framework for global supply chain integration decisions
Authors: Shaofeng Liu, Jonathan Moizer, Phil Megicks and Dulekha Kasturiratne

12:20 – 13:20: Session D2-4: *Invited Talk 6 – Prof. Peter McBurney, “What are models for?”* Chair: Fatima Dargam

13:20 – 14:10: Lunch served in the Management School Cafe

14:10 – 15:30: Session D2-5: DSS in Design, Management and Social Networks
Chair: Raul Poler

14:10 – 14:30: Session D2-5.1: Swarm Intelligence (SI) for Decision Support in Operations Management – Methods and Applications
Authors: Yi Wang, Lilan Liu and Kesheng Wang

14:30 – 14:50: Session D2-5.2: A Case Study on AHP-Based Model for Green Product Design Selection
Authors: Xiaojun Wang, Hing Kai Chan and Dong Li

14:50 – 15:10: Session D2-5.3: Decision Making in Credit Granting Process
Authors: Ilmars Purins, Toms Reizins, Girts Braslins and Natalja Svitlika.

15:10 – 15:30: Session D2-5.4: Disentangling Online Social Networking and Decision Support Systems Research Using Social Network Analysis
Authors: Francisco Antunes and João Costa.

15:30 – 15:50: Coffee Break in the Management School Cafe

15:50 – 16:50: Session D2-6: *Invited Talk 4 – Dr. Zenon Michaelides, “Using Enterprise Resources Planning (ERP) systems to support Decision Support activities in Operations & Supply Chain Management: The Introduction of SAP into Universities taught Curriculum”*
– Chair: Jorge Hernandez

16:50 – 17:50: Closing Session

17:50 – 18:30: EWG-DSS Business Meeting

Note: All EWG-DSS Members are welcome to take part in the Business Meeting.