DSS 2010
the 15th IFIP WG8.3 International Conference on Decision Support Systems

Bridging the socio-technical gap in DSS - Challenges for the next decade
July 7-10, 2010
Faculty of Sciences, University of Lisbon
Portugal

DSS 2010 Programme

July 7, 2010 (Wednesday)

Time	room 6.2.50 **Doctoral Consortium**		room 6.2.49
9:00-9:30	Introductions		
9:30-10.30	**Keynote: Professor Helder Coelho, On Research Methodology for Computing Sciences**		
10:45-12:45	Speed Thesis Competition		
13:00-14:00	**Lunch**		
14:00-15:45	Small group facilitated discussion		**Doctoral Consortium** Small group facilitated discussion
15:45-16:00	**Coffee Break**		
16:00-17:00	**Keynote: Professor Frederic Adam, Strategies for delivering a good PhD on-time**		**Task force meeting chair Fergal Carton**
17:00-17:30	Presentation of prizes and conclusion		
17:30-18:00	**Free time**		
18:00-19:00	**Conference participant's registration and welcome drink (C6 atrium)**		

DSS 2010 Programme
July 8, 2010 (Thursday)

Time			
8:30-9:00	**Registration**		
9:00-9:30	**Opening session - room 6.1.36**		
9:30-10:30	**keynote Liam Bannon, Making sense of human actors: Beyond homo economicus - room 6.1.36**		
10:30-11:00	**Coffee Break (C6 atrium)**		
11:00-13:00	room 6.1.36 **Understanding Decision Making - I** **chair Patrick Humphreys**	room 6.2.49 **Web 2.0 Systems in Decision Support** **chair Philip Powell**	room 6.2.50 **Decision Making in Emergency Scenarios** **chair Pedro Antunes**
	The Shadow of ECM: The Hidden Side of Decision Processes. *Alessandro Zardini, Lapo Mola, Jan vom Borke and Cecilia Rossignoli*	A Functional Model of Social Media and its Application to Business Intelligence. *Rob Meredith and Peter O'Donnell*	An Activity Theory Framework for DSS for Extreme Events. *Daniel E. O'Leary*
	Rational and Intuitive Decision-Makers from Two Continents. *Zita Zoltay Paprika*	Informing the Development of a Knowledge Base. *Karen Neville, William Emerson and Eoin Walsh*	Assigning Emergency Vehicles to Urban Incidents. *Marcos R. S. Borges, Sergio F. Ochoa, José A. Pino and Adriana Vivacqua*
	Assessing the Theoretical Strength within the Literature Review Process: a Tool for Doctoral Researchers. *David Sammon, Tadhg Nagle and Paidi O'Raghallaigh*	Influencing Consumer Decisions Through Personalization. *Gloria Phillips-Wren and Jeffrey Wygant*	Emergency Preparedness Coordination: Network Approach in Dynamic Disaster Environments. *Kwang Deok Kim and Liaquat Hossain*
	Senior Executive Information Behaviors and Decision Support: A Research Agenda. *David Arnott*	Design for Enterprise 2.0: Articulating the Online Social Capital Hypothesis. *Paul Bogg, Patrick Finnegan, Lesley Land and Hamish Barney*	The Role of Domain Ontology for Medical Emergency Management in Mass Gatherings. *Pari Delir Haghighi, Frada Burstein, Arkady Zaslavsky, Paul Arbon and Shonali Krishnaswami*
13:00-14:00	**Lunch**		
14:00-15:00	**Panel: Business Intelligence Research: Status and Strategies - room 6.1.36** **chair David Arnott**		
15:00-16:00	room 6.1.36 **Business Intelligence and Data Warehousing-I** **chair Rob Meredith**	room 6.2.49 **Applications of Multi-Criteria Decision Analysis -I** **chair João Clímaco**	room 6.2.50 **Knowledge Management - I** **chair Daniel O'Leary**
	Business Analytics and Competitive Advantage: A Review and a Research Agenda. *Rajeev Sharma, Peter Reynolds, Rens Scheepers, Peter Seddon and Graeme Shanks*	Selecting Reference Set in Disaggregation Aggregation Multicriteria Decision Aid Approach Utilizing Clustering Techniques with Dissimilarity Thresholds. *Athanasios Spyridakos*	Theory-building Using Typologies – A Worked Example of Building a Typology of Knowledge Activities for Innovation. *Paidi O'Raghallaigh, David Sammon and Ciaran Murphy*
	A Participatory Case Study of Business Intelligence Systems Development. *Marcus Gibson and David Arnott*	Visualization Methods for Multi-Criteria Portfolio Selection - an Empirical Study. *Rudolf Vetschera, Johannes Gettinger, Elmar Kiesling and Christian Stummer*	Characterising a Socio-Technical Approach to Knowledge Management – Cases in Small to Medium Sized Software Enterprises (SMEs). *Ciara Heavin and Frederic Adam*
16:00-17:00	**Posters Session with coffee and cookies - atrium of C6** **chair Alexander Brodsky** Strategic Decision Support for Energy Futures: Linking Intuitive Stakeholder Preferences and Energy Analysis. *Evelina Trutnevyte, Michael Stauffacher and Roland W. Scholz* Decision Guidance Query Language and System. *Nathan Egge, Alexander Brodsky and X. Sean Wang* Decisions on Multivariate Time Series: Combining Domain Knowledge with Utility Maximization. *Chun-Kit Ngan, Alexander Brodsky and Jessica Lin* SimQL: Simulation-Based Decision Modeling Over Stochastic Databases. *Susan Farley, Alexander Brodsky, John McDowall and Nathan Egge*		
17:00-18:30	room 6.1.36 **ERP Systems** **chair Lapo Mola**	room 6.2.49 **Intelligent Decision Making - I** **chair Patrick Brézillon**	room 6.2.50 **Decision Support in Commerce** **chair Fergal Carton**
	Evaluating ERP Projects with Global Efficiency Factors. *Ksenča Bokovec, Talib Damij, Tanja Rajkovic and Vladislav Rajkovic*	Using Multi-Agent Based Simulation in an IDSS for Evaluating Performance in Flowshop Manufacturing System. *Noria Taghezout and Pascale Zarate*	Drivers of B2B Software Purchase Decisions. *Claudia Loebbecke, Thomas Weiss, Philip Powell and Christin Krooss*
	Understanding the Impact of Technology on Managerial Decision Making – The Case of the ERP System. *Fergal Carton and Frederic Adam*	A Multi-Agent Negotiation Decision Support System for Australian Family Law. *Brooke Abrahams and John Zeleznikow*	Improving Decision Quality Through Preference Relaxation. *Maciej Dabrowski and Thomas Acton*
	Inter-Organizational Decision Support Systems for Supply Chain Planning: Current State. *Sean B. Eom*	Forecasting Project Portfolio Performance – A Neural-Network-Based Approach. *Verena Dorner*	Identifying Recommendable Products Based on Signal Detection Theory. *Michael Scholz*
18:30-20:00	**Lisbon walk - Castle of São Jorge - cocktail**		

papers in brown (supplemental proceedings) and short papers: presentation time of 20 minutes

Time			
9:00-10:00	**keynote Omar El Sawy, Decision Support and Environmental Scanning: Past Hallucinations, Present Realities, and Future Prospects - room 6.1.36**		
10:00-10:30	**Coffee Break (c6 atrium)**		
10:30-12:20	room 6.1.36 **Understanding Decision Making - II** **chair Zita Paprika**	room 6.2.49 **Applications of Multi-Criteria Decision Analysis - II** **chair Rudolf Vetschera**	room 6.2.50 **Business Intelligence and Data Warehousing - II** **chair Graeme Shanks**
	On Institutional Rationality and Decision Making in Adopting Green ICT Strategies. *Tom Butler, Anthony Flynn and James McGarry*	PRIOR-WEB: A Discrete Multicriteria Prioritization Tool for the Global Economy Context. *Juan Aguarón, María Teresa Escobar, José María Moreno-Jiménez and Alberto Turón*	Making Sense of the Master Data Management (MDM) Concept: Old Wine in New Bottles or New Wine in Old Bottles? *David Sammon, Frederic Adam, Tadhg Nagle and Sven Carlsson*
	Implementing the "Design for Emergence" Principle in GDSS. *Constantin-Bala Zamfirescu, Luminita Duta and Ciprian Cândea*	Using Action Research on the Process of Decision Support with VIP Analysis Software. *Alecsandra Ventura, Luis C. Dias and João N. Clímaco*	BI and Data Warehouse Solutions for Energy Production Industry: Aplication of the CRISP-DM Methodology. *Armando Mendes*
	The Involvement of Group Decision and Communication Support in Building a SME Cluster in China. *Junxiang Zhang and Patrick Humphreys*	A GIS Embedded Decision Support System for Bicriteria Location Problems. *Sérgio Fernandes, M. Eugénia Captivo and João N. Clímaco*	Market Strategy and Innovation in the Business Intelligence Industry: A Preliminary Study. *Steve Remington, Peter O'Donnell and David Arnott*
	Decision-Making under Uncertainty and Complexity. *Eurico Lopes*	Ranking Alternatives on the Basis of a Dominance Intensity Measure. *Alfonso Mateos, Antonio Jiménez, Ernesto Aguayo and Arminda Moreno*	How Web 2.0 Improves Business Intelligence: Showcase of Emerging Technologies. *Berta Buttarazzi, Mirko Mechilli and Luciano Polinari*
12:20-13:30	**Lunch**		
13:30-14:30	**panel: Healthcare IT and Decision Support - room 6.1.36** **chair Gloria Phillips-Wren**		
14:30-15:30	room 6.1.36 **Design of Decision Support Systems - I** **chair Peter Keenan** Global and Local Organizational Factors Influencing Information Requirements in DSS Development. *Vincenzo Corvello and Davide Salvatore Gitto*	room 6.2.49 **Business Intelligence and Data Warehousing - III** **chair Peter O'Donnell** SYSCO: Data Warehousing and Business Intelligence for Decision Support in Supply Chain Management. *Dan E O'Leary*	room 6.2.50 **Knowledge Management - II** **chair Piero Migliarese** A System for Extracting Tacit Knowledge: Shared and Collaborative Knowledge Generation. *Sara Topi, Mauro Mazzieri and Aldo Franco Dragoni*
	Decision Support by CAFM Systems: A Challenge in Facility and Real Estate Management. *Thomas Madritsch and Michael May*	A Taxonomy of Motives for Understanding Business Intelligence Systems Implemention. *Ilona Jagielska, Graeme Shanks and Rahim Mahbubur*	Socio-Technical Enablers of Knowledge Management. *Meliha Handzic*
	DSS Framework for Analysis of the Impact of Objects to People at Visitors' Area. *Ferenc Kiss and Marianna Török* (short paper)	Decision support for ERP-Based Production Management: a Business Intelligence Perspective, *Shaofeng Liu, Jonathan Moizer, Pushpa Subramaniam, Mike Leat and Isabelle Linden*	An Approach for Collaborative Decision Making in Knowledge Management. *Imène Brigui-Chtioui and Ines Saad*
15:30-16:00	**Coffee Break (c6 atrium)**		
16:00-17:20	room 6.1.36 **Context in Decision Making** **chair Marcos Borges** Context-Oriented Scientific Workflow System and its Application in Virtual Screening. *Xiaoliang Fan, Patrick Brézillon, Ruisheng Zhang and Lian Li*	room 6.2.49 **Intelligent Decision Making - II** **chair Pascale Zaraté** Case and Model Based Hybrid Reasoning for Group Decision Making. *Abdelkader Adla, Pascale Zarate, Jean-Luc Soubie and Noria Taghezout*	room 6.2.50 **Decision Support for Policy Making - I** **chair Maria Franca Norese** Public Procurement as Regulated Decision Making Problem: Challenges for DSS. *Csaba Csáki and Frederic Adam*
	Cognitive Decision-Making Process as Context Information. *Andreia Pereira and Flávia M. Santoro*	Towards a Cellular Indexing in a Case Based Reasoning Approach: Application to an Urban Transportation System Regulation. *Fouzia Amrani and Karim Bouamrane*	An IS Success Evaluation of a DSS in a Police Organization. *Sven A. Carlsson, Linda-Marie Skog and Olgerta Tona*
	Framing Decision-Making at Two Levels. *Patrick Brézillon and Jean-Charles Pomerol*	I-DSS for Detecting Stars Degeneracy. *Tiago Simas, Rita Ribeiro, Fernando Pinheiro and João Fernandes*	Optimisation of Transport Time of Patient into the Health Units in the Town of Yaoundé: An Implantation Decision Process of Dark Zone Health Units. *Chrispin Pettang, Marcelline Blanche Manjia and Georges Edouad Kouamou*
17:20-18:30	**free time**		
18:30-22:30	**Conference Dinner**		

papers in brown (supplemental proceedings) and short papers: presentation time of 20 minutes

DSS 2010 Programme

July 10, 2010 (Saturday)

Time	room 6.1.36 **Design of Decision Support Systems - II** **chair Marko Bohanec**	room 6.2.49 **Decision Support for Production Planning** **chair Sean Eom**	room 6.2.50 **Decision Support for Policy Making - II** **chair Sven A. Carlsson**
9:00-10:30	Supporting DSS Acceptability through a User-Centered Design Methodology: Experiences in Emergency Management. *Pietro Baroni, Daniela Fogli, Massimiliano Giacomin, Giovanni Guida, Loredana Parasiliti Provenza, Michele Rossi, Marko Bohanec and Martin Žnidaršič*	OR-Based Decision Support in Paper Production Industry. *G.D.H. Claassen and Th. H.B. Hendriks*	A System to Analyse Interviews and Structure the Acquired Knowledge Elements. *Maria Franca Norese and Fabio Salassa*
	Ubiquitous Computing Infrastructure as a Basis for Creativity Support. *Stanislaw Stanek*	A Decentralized Collaborative Replenishment Decision-Making Model in the Automobile Supply Chain Sector. *Jorge E. Hernández, Josefa Mula, Raúl Poler and Francisco C. Lario*	Identification of the Variables in an e-Learning Platform Using a Cost-Benefit Analysis and an Automatic Decision-Making Tool. *Gianni Fenu and Massimiliano Picconi*
	How Relevant is Fieldwork to DSS Design-Science Research? *David Arnott and Graham Pervan*	A Distributed Constraint Optimisation based Controller to Facilitate the Integration of Smart Energy Grids. *Ralf Hoben and Jean-Régis Hadji-Minaglou*	Assessing Experts' Contribution in a Qualitative DSS: an Example from Organic Food Sector Scenarios. *Danilo Gambelli, Daniela Vairo and Raffaele Zanoli* (short paper)
10:30-11:00	**Coffee Break (c6 atrium)**		
11:00-12:00	**keynote Carlos Bana e Costa, Decision Conferencing with Multicriteria Decision Support Systems - room 6.1.36**		
12:00-13:00	**Business Meeting**		
13:00-13:15	**Closing Session**		
13:15-14:30	**Lunch**		
14:30-18:00	**tour to Sintra-Cascais-Estoril (optional)**		
20:00	**informal meeting at Parque das Nações- Expo**		

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