



**77èmes journées du groupe de travail européen  
sur l'aide multicritère à la décision  
77th meeting of the European group on MCDA**

**11, 12 et 13 avril 2013 / 11th, 12th and 13th April 2013  
Université de Rouen, Rouen, France / University of Rouen,  
Rouen, France  
Location of the meeting : Site Pasteur  
3, avenue Pasteur  
76186 ROUEN - FRANCE**

**Programme des journées / Meeting program**

**Jeudi 11 avril 2013 / Thursday 11th April 2013 : ROOM N103 site Pasteur**

12h30 – 13h30 / 12:30pm – 1:30pm : Accueil des participants et inscriptions / Welcome and registration of participants

13h30 – 14h00 / 1:30pm – 2:00pm : Bienvenue à Rouen / Welcome to Rouen (S. Damart)

14h00 – 15h30 / 2:00pm – 3:30pm : **1<sup>ère</sup> session / 1<sup>st</sup> session : Macro decision-making**

Camille Fertel, Jean-Philippe Waub, La sécurité des corridors énergétiques : proposition d'une démarche d'évaluation d'un indice de risque politique et application au Canada

Willem Karel M. Brauers, Romualdas Ginevicius, Askoldas Podvezko, The Lithuanian banks during the recession years: a multi objective approach

Stella Androulaki, John Psarras, Dimitrios Aggelopoulos, Evaluating long term potential natural gas supply alternatives for Greece with multicriteria decision analysis

**Travaux soumis à discussion / Paper submitted to discussion :**

Laurent Botti, Nicolas Peypoch, Multi-criteria ELECTRE method and destination competitiveness

15h30 – 15h45 / 3:30pm – 3:45pm : Pause café / Coffee break

15h45 – 17h45 / 3:45pm – 5:45pm : **2<sup>ème</sup> session / 2<sup>nd</sup> session : Public decision-making**

Aurélie Prévost, Nathalie Molines, Jean Bandet, Electre Tri, un outil d'aide à la décision pour l'urbanisme réglementaire : application au Plan Local D'Urbanisme (PLU) de Toulouse

Marta Bottero, Valentina Ferretti, Giulio Mondini, Decision-making and cultural heritage: an application of the Multi Attribute Value Theory for the reuse of historical buildings

J. Renaud, D. Chafai, D. Casner, Proposition d'une approche de classement d'équipements territoriaux

Eleftherios Siskos, Dimitris Askounis, John Psarras, Robust e-government evaluation based on multiple criteria analysis techniques

**Travaux soumis à discussion / Papers submitted to discussion :**

Jasmin Tremblay, Irène Abi-Zeid, Décision multicritère et argumentation : le processus d'évaluation de projets par le Bureau d'Audiences Publiques sur l'Environnement (BAPE) du Québec

Christian Hurson, Panagiotis Manolitzas, Evangelos Grigoroudis, Nikolaos F. Matsatsinis, Evaluating patient satisfaction in hospital emergency department

18h00 / 6:00pm : Assemblée générale du consortium Decision Deck / Decision Deck consortium general meeting

19h30 / 7:30pm : Dîner de gala à Rouen / Dinner in Rouen

**Vendredi 12 avril 2013 / Friday 12th April 2013 : ROOM C211 – Site Pasteur**

9h00 – 10h30 / 9:00am – 10:30am : **3<sup>ème</sup> session / 3<sup>rd</sup> session : clustering and sorting**

Alexandru-Liviu Olteanu, Raymond Bisdorff, and Patrick Meyer, Self-organizing maps applied to clustering in MCDA

Olivier Sobrie, Vincent Mousseau, Marc Pirlot, Learning the parameters of a multiple criteria sorting method from large sets of assignment examples

Tairan Wang, Vincent Mousseau, Enrico Zio, Multicriteria Decision Making Framework for Vulnerability Analysis

10h30 – 10h45 / 10:30am – 10:45am : Pause café / Coffee break

10h45 – 12h45 / 10:45am – 12:45am : **4<sup>ème</sup> session / 4<sup>th</sup> session : Robustness and recommendations**

Maria de L. Vazquez, Jean-Philippe Waaub, Adrian Ilinca, MCDA: Measuring robustness as a tool to address strategic wind farms issues

Antonio Boggia, Salvatore Corrente, Salvatore Greco, Gianluca Massei, Roman Słowiński, Robust Ordinal Regression in Geographical Information Systems

Salvatore Greco, Yannis Siskos, Roman Slowinski, Entropy measures to control robustness in ordinal regression models

Véronique Delcroix, Karima Sedki, A system of recommendations based on Bayesian Network for recurrent multicriteria and multiattribute decision problems

**Travaux soumis à discussion / Papers submitted to discussion :**

Milosz Kadzinski, Roman Slowinski, Interactive robust cone contraction method for multiple objective optimization problems

12h45 – 14h15 / 12:45am – 2:15pm : Lunch

14h15 – 15h00 / 2 :15pm – 3:00pm : Vie du groupe de travail et prochaines réunions / Group next meetings

Salvatore Greco, Catania meeting, fall 2013

Roman Slowinski (on behalf of Zoe Nivolianitou), Athenia meeting, spring 2014

15h00 – 16h00 / 3:00pm – 4:00pm : **5<sup>ème</sup> session / 5<sup>th</sup> session : Business issues**

Christian Hurson, Bérangère Gosse, The satisfaction criteria of young employees: An assessment case study in a big French organisation

Manel Maamar, Vincent Mousseau, Wassila Ouerdane, Modélisation et optimisation multicritère d'une place de marché de Leads (Adéquation offre/demande)

**Travaux soumis à discussion / Papers submitted to discussion :**

Evangelos Grigoroudis, Constantin Zopounidis, An MCDA approach based on Balanced Scorecard for strategy evaluation in a business simulation game

Evangelos Grigoroudis, Nikolaos Matsatsinis, e-Marketing Online: An education web-based multicriteria decision Platform

16h00 – 16h15 / 4:00pm – 4:15pm : Pause café / Coffee break

16h15 – 18h15 / 4:15pm – 6:15pm : **6<sup>ème</sup> session / 6<sup>th</sup> session : Decision Deck session**

"The Decision Deck project and recent activities" by Vincent Mousseau (Ecole Centrale Paris) and Patrick Meyer (Telecom Bretagne) : what is Decision Deck, what are the tools which have been produced, latest updates, news on the MCDA applications book, ... (15-20 minutes)

"New web services for Preference Elicitation using Multi-Criteria Ranking with Multiple Reference Points" by Presentation by Jinyan Liu, Vincent Mousseau, Wassila Ouerdane (Ecole Centrale Paris) ( 20-30 minutes)

Round table on pedagogical issues in MCDA (how do we teach MCDA, how do we use diviz in those lectures, how do students react to the use of such tools, ...) (1 hour) (Vincent Mousseau (Ecole Centrale Paris), Patrick Meyer (Telecom Bretagne), Marc Pirlot (UMONS), Antoine Rolland (Univ. Lyon 2), Milosz Kadzinski (Poznan Technical University)

**Autres travaux soumis à discussion / Other papers submitted to discussion :**

Gabriela Fernández Barberis, Carmen Escribano Ródenas, Sensitivity analysis in multicriteria decision aid: weight Stability Intervals under semi order Preference Structure

Salvatore Corrente, Salvatore Greco, Roman Słowiński, Multiple Criteria Hierarchy Process for ELECTRE TRI methods

Silvia Angilella, Salvatore Corrente, Salvatore Greco, A Stochastic Choquet integral preference model: SMAA-Choquet

Lionel Valet, Maux de Vicente y Oliva, Jaime Manera Bassa, Vincent Cliville, Applying Multivariate Analysis to identify a preference model of image processing system

Sarah Ben Amor, Zaras Kazimierz, Ernesto A. Aguayo Garcia, The value of additional information in multicriteria decision analysis with information imperfections

**Samedi 13 avril 2013 / Saturday 13th April 2013**

Excursions / Social activities