

Jeudi 21 septembre 2017 / Thursday, September 21, 2017

Les présentations auront lieu au Centre Scientifique de l'Académie Polonaise des Sciences à Paris. /
The sessions will take place at the Scientific Center of the Polish Academy of Sciences in Paris.

12h00-13h15 Registration/Light lunch

13h15-13h30 Opening and welcome address

Roman Słowiński, Maciej Forycki, and Daniel Vanderpooten

Session 1 **Theory and methodology 1**

Chair: José Figueira

13h30-14h00 *Vers une PAMC fondée sur les limites des classes de performances (PAMC IAMARA)*
Amin Affes, Abdelwaheb Rebai

14h00-14h30 *ENUCUT-V, a hybrid approach to integer linear vector optimization problems*
Walter Habenicht

14h30-15h00 *Preference Elicitation for Robust Optimization with Ordered Weighted Averages: application to assignment and shortest path problems*
Nadjet Bourdache, Patrice Perny

15h00-15h30 *A bicriteria perspective on an L-penalty approach for solving MPECs*
Kerstin Daechert, Sauleh Siddiqui, Javier Saez-Gallego, Steven Gabriel, Juan Miguel Morales

Papers submitted to discussion

Multicriteria clustering: an overview of the main contributions

Mohamed A. Boujelben

A formal framework for deliberated judgments

Olivier Cailloux, Yves Meinard

Practical and theoretical aspects of the CAT-SD method for nominal classification

Ana Sara Costa, José Rui Figueira, José Borbinha

An MCDA interval based outranking approach for ordinal classification problems

Eduardo Fernández, José Rui Figueira, Jorge Navarro

Robust Ordinal Regression and Stochastic Multicriteria Acceptability Analysis for the level dependent Choquet integral

Giuseppe Arcidiacono, Salvatore Corrente, Salvatore Greco

Towards a Multi-Criteria Collective Aggregation-Disaggregation Methodology

Nikolaos Matsatsinis

15h30-16h00 Coffee break

16h00-16h30 *Interactive Evolutionary Multiobjective Optimization driven by Dominance-based Rough Set Approach*

Salvatore Corrente, Benedetto Matarazzo, Roman Słowiński

16h30-17h00 *Interactive many-objective evolutionary optimization guided by preferences modeled with an augmented Chebyshev function*

Tomasz Sternal, Roman Słowiński

17h00-17h30 *Abstract Hybrid Algorithm for Multi Objective Optimization based on Game Theory*

Paweł Jarosz and Tadeusz Burczyński

Papers submitted to discussion

Prioritization of Public Buildings Energy Retrofit Strategies: an AHP model

Chiara D'Alpaos, Paolo Bragolusi

Assessing the quality of life of French municipalities: a multicriteria approach

Alexis Guyot, Emilios Galariotis, Michalis Doumpos, Constantin Zopounidis

Sustainable Supplier Selection Based On Sustainable Procurement Practices

Devika Kannan

Use of Risk Based Inspection and Maintenance Techniques in refineries. Can MCDA be of use in these cases?

Zoe Nivolianitou, Nicolas Defteraios

A multi-criteria approach for the construction of Land-use Change Spatial Composite Indicators in CS@Monitor Project

Valentina Sannicandro, Raffaele Attardi, Maria Cerreta, Carmelo M. Torre

Solving procedure for multiobjective dynamic problem with changeable group hierarchy of stage criteria dependent on the stage of the process

Tadeusz Trzaskalik

Interactive Evolutionary Multiobjective Optimization with NEMOII-Ch for facility location problems

Maria Barbati, Salvatore Corrente, Salvatore Greco

19h00 Banquet

Ambassade de Pologne en France / Polish Embassy in France

57, rue Saint Dominique, 75007 Paris

Vendredi 22 septembre 2017 / Friday, September 22, 2017

Les présentations auront lieu à l'Université Paris Dauphine dans la salle Raymond Aron (étage 2). /
The sessions will take place at Paris Dauphine University in the Raymond Aron room (2nd floor).

Session 3	Theory and methodology 2	<i>Chair: Roman Słowiński</i>
9h00-9h30	<i>An efficient SAT formulation for learning multicriteria non-compensatory sorting models</i> Khaled Belahcène, Christophe Labreuche, Nicolas Maudet, Vincent Mousseau, Wassila Ouerdane	
9h30-10h00	<i>Introducing Pareto Minimal Correction Subsets</i> Miguel Neves, Inês Lynce, Vasco Manquinho	
10h00-10h30	<i>Forced Choice</i> Simone Cerreia-Vioglio, Fabio Maccheroni, Massimo Marinacci, Aldo Rustichini	
Papers submitted to discussion		
<i>Multidimensional Attitudes in Intertemporal Choice</i> Veronica R. Cappelli		
<i>A note on the detection of outliers in a binary outranking relation</i> Yves De Smet, Jean-Philippe Hubinont, Jean Rosenfeld		
<i>Selection of a suitable MCDA method based on robustness of results and sensitivity analysis</i> Malik Haddad, David Sanders, Giles Twekesbury, Nils Bausch		
<i>Expressiveness and robustness measures for the evaluation of an additive value function in multiple criteria preference disaggregation methods: An experimental analysis</i> Miłosz Kadziński, Mohammad Ghaderi, Jakub Wasikowski, Nùria Agell		
<i>Incorporating Strength of Preference Information in UTA methods for the robustness improvement in cases with limited alternative actions</i> Athanasios Spyridakos, Nikolaos Tsotsolas, Isaak Vryzidis		
<i>Conception d'un MOOC sur l'Aide MultiCritère à la Décision</i> Maria de Vicente y Oliva, Jaime Manera Bassa, Vincent Clivillé		

10h30-11h00	Coffee break	

	Keynote lecture	<i>Chair: Daniel Vanderpooten</i>
11h00-12h00	<i>Multiobjective Combinatorial Optimization – Beyond the Biobjective Case</i> Kathrin Klamroth	

12h00-13h30	Lunch break (<i>Bar des étudiants, 2nd floor</i>)	

13h30-14h00 Preparation of next meetings/Vie du groupe

Session 4

Applications 1

Chair: Marc Pirlot

14h00-14h30 *Dynamic programming for multi-objective process design*
Eric Fraga

14h30-15h00 *Designing an argumentative decision-aiding method for urban planning*
Franck Taillandier, Benjamin Delhomme, Irène Abi-Zeid, Rallou Thomopoulos, Cédric Baudrit

15h00-15h30 *Computer-aided Drafting of Urban Designs for Walkability*
Ivan Blečić, Giuseppe A. Trunfio

15h30-16h00 *Développement d'une approche combinatoire de conception systématique d'instruments d'action collective*
Adam Baiz, Michel Nakhla

Papers submitted to discussion

Optimization of Multiple Satisfaction Levels in Portfolio Decision Analysis
Maria Barbati, Salvatore Greco, Miłosz Kadziński, Roman Słowiński

Méthodologie multicritère d'aide au choix d'un système énergétique standard autonome en territoire isolé
K. Bouyachou, B. Urli

Simulation of a Ranking of Military Defense Systems for the BENELUX countries
Willem K. M. Brauers, Thomas Baelus

Patients' satisfaction: The medical appointments valence in Portuguese public hospitals
Diogo Cunha Ferreira, Rui Cunha Marques, Alexandre Morais Nunes, José Rui Figueira

Integrating human preferences in automated decisions of unmanned aerial vehicles
Arwa Khannoussi, Catherine Dezan, Jean-Philippe Diguët, Patrick Meyer

Comparison between two multicriteria methods for assessing land suitability for agriculture
A. Mendas, A. Mebrek, Z. Mekranfar

Démarche d'Aide Multicritère à la Décision pour l'Évaluation Préventive des Risques de Gestion Aéroportuaire
Hassane Yamnahakki, Abdellah Menou

16h00-16h30 Coffee break

- 16h30-17h00 *Incorporation of risk and management criteria in positive mathematical programming: The case of marginal agricultural lands in Poland*
Athanasios Petsakos, Rafal Pudelko, Stelios Rozakis
- 17h00-17h30 *Data generator for multicriteria satisfaction analysis*
Alkaios Sakellaris, Konstantina G. Miteloudi, Evangelos Grigoroudis, Nikolaos Matsatsinis
- 17h30-18h00 *Multi-criteria effectiveness map for evaluation of project success*
Isaak Vryzidis, Athanasios Spyridakos

Papers submitted to discussion

Landscape Services Evaluation: A Multi-Criteria Spatial Decision Support System

Maria Cerreta, Simona Panaro, Giuliano Poli

Any bias in Spatial Multicriteria Decision Aiding?

Valentina Ferretti

Measuring resilience in communities involved in flooding Osumi river, Berat, Albania, using MCDA methods of evaluations

Robert Kosova, Antonino Scarelli, Valentina Sinaj, Evgjeni Xhafaj, Irakli Prifti

An extendable web-based multicriteria group decision support system

Konstantina G. Miteloudi, Alkaios Sakellaris, Nikolaos Matsatsinis

EGov-Evaluator: A web-based decision support system for the global evaluation of e-government in Europe

Eleftherios Siskos, Dimitris Kalogeros, John Psarras, Yannis Siskos

The European Innovation Scoreboard Revisited: A Multicriteria Evaluation Perspective

M. de Vicente y Oliva, J. Manera Bassa, S. BenAmor

18h00 Conclusions
