

98th EWG-MCDA and 5th EWG-BOR meeting: PROGRAM

All scientific activities will take place in the auditorium of Palazzo delle Scienze

Thursday 26th September 2024

8:00 - Registration
9:00 – 9:30 Opening Ceremony

9:30 – 10:30 Session 1: Bernard Roy award

Chair: Maria Franca Norese

10:30 – 11:00 Coffee Break

11:00 – 12:30 Session 2

Chair: Mladen Stamenkovic

11:00 – 11:30 MultiCriteria Decision Aid and complex decision problems
Maria Franca Norese

11:30 – 12:00 A Multiple Criteria Approach for a Sustainable Urban Logistics Policies Ranking Problem
Franco Corti; Chiara D'Alpaos; José Rui Figueira

12:00 – 12:30 Using MCDA to Communicate Commander's Intent in Air Combat
Kai Virtanen; Heikki Mansikka; Mikko Kankaisto; Raimo P. Hämmäläinen

Submitted to Discussion

Multi-Objective Workflow Scheduling Algorithms in Cloud Computing
Josè Rui Figueira; Tomas Zaki, Yannik Zeitrag; Rui Neves

The optimal manipulation of a pairwise comparisons matrix equating the weights of two alternatives
Jacek Szybowski; Konrad Kulakowski; Sebastian Ernst

12:30 – 13:45 Lunch

13:45 – 15:00 Session 3: Round Table

Chair: Benedetto Matarazzo

Behavioural Issues in Multicriteria Decision Aiding
Irene Abi-Zeid, Alberto Franco, Raimo Hämmäläinen, Maria Franca Norese

15:00 – 15:30 Coffee break

15:30 – 17:30 Session 4	Chair: Alberto Franco
15:30 – 16:00 Exploring the boundaries of Behavioural OR <i>Alberto Franco, Raimo Hämmäläinen</i>	
16:00 – 16:30 C40 Reinventing Cities: Integrating Assessment, Planning, and Design for the Urban Regeneration of Bologna's Prati-Ravone District <i>Isabella Giovanetti; Vanessa Assumma; Elisa Conticelli; Annarita Ferrante; Angela Santangelo</i>	
16:30 – 17:00 How can existing MCDA software support sustainability assessment? <i>Laura Mesa Estrada; Martina Haase; Marco Cinelli; Manuel Baumann</i>	
17:00 – 17:30 "Voters' behavior to sort alternatives, elicitation of preferences and how to aggregate them" <i>José Luis Garcia-Lapresta; Miguel Martinez-Panero</i>	
Submitted to Discussion Navigating Human Behavior Complexities in Complex Business Environments: The Role of AI and MCDA <i>Georgios Tsaples; Dimitrios Zopounidis; Constantin Zopounidis</i>	
Modeling Criteria and Project Interactions in Portfolio Decision Analysis with the Choquet Integral <i>Matteo Brunelli; Salvatore Corrente</i>	

20:00 – 23:00 Social Dinner

Friday 27th September 2024

9:00 – 10:45 Session 5	Chair: Matteo Brunelli
9:00 – 9:30 In search for consensus among peers <i>Konrad Kutakowski; Jacek Szybowski</i>	
9:30 – 10:00 How do you generate the set of decision alternatives? <i>Alexis Tsoukiàs, Irene Pluchinotta</i>	
10:00 – 10:30 How the ELECTRE methods can facilitate experiments in research ambits: the case of the potential impact of Italian quarries on water resources <i>Antonino Scarelli; Maria Franca Norese</i>	
10:30 – 10:45 Dynamic Attribute Prioritization in Multiple Attribute Decision Making: Bridging the Gap between Shortlisting and Final Decision-Making <i>Sarfraz Hashemkhani Zolfani</i>	

Submitted to Discussion

Deep aggregation of incomplete rankings in Multiple Criteria Group Decision Making
Grzegorz Miebs; Adam Mielniczuk; Mitosz Kadziński

Combining behavioural decision science and multi-criteria decision aids for climate services: A need for research
Andrea Taylor

10:45 – 11:15 Coffee break

11:15 – 12:45 Session 6

Chair: Milosz Kadziński

11:15 – 11:45 Decision Theory, Design Theory and Innovative Policy Design for Conflict Transformation and Management
H. Berkay Tosunlu, Alexis Tsoukias, Joseph Guillaume, Irene Pluchinotta

11:45 – 12:15 Process Tracing and Attention in Multi-Attribute Choice
Ilkka Leppänen

12:15 – 12:45 A nonparametric approach to capture compromise effect
Moha Ghaderi

Submitted to Discussion

Replacing standard confusion matrix with overestimates and underestimates for ordinal classification problems
Sajid Siraj; Edward Abel

A Data-Driven Approach to Digital Requirements Prioritization in Automotive Service Operations: Addressing Subjectivity and Improving Decision-Making
Pietro Fronte; Núria Agell; Marc Torrens; Tamara Garcia

Developing a knowledge base for the Sustainability Assessment of urban projects: the GLOSSA project
Francesca Abastante; Beatrice Mecca

12:45 – 14:00 Lunch

14:00 – 14:30 Group Activities

Chair: Roman Stowiński

14:30 – 16:00 Session 7

Chair: Raimo Hämmäläinen

14:30 – 15:00 Addressing Behavioral Issues in Multicriteria Decision Aiding for Fine Wine Pricing: A Machine Learning Approach
Edward W. Sun; Claire Y. T. Chen

15:00 – 15:30 A Behavioural Investigation of Feasibility and Demand Uncertainty in Production Planning Systems
Maryam Azani; Lijia Tan; Rob Basten; Ton de Kok

15:30 – 16:00 Does starting below or above the Pareto Front in interactive MCDM result in different anchoring behavior? Results from a behavioral experiment
Maura Halstead; Manuel López-Ibáñez, George Farmer, and Paul Warren

Submitted to Discussion

An enhanced simulation-based approach for multicriteria evaluation problems of SME's performance
Maria Rosaria Pappalardo; Silvia Angilella; Michalis Doumpos; Constantin Zopounidis

The SOCRATES software for policy impact assessment
Giuseppe Munda

16:00 – 16:30 Coffee break

16:30 – 18:00 Session 8

Chair: Giuseppe Munda

16:30 – 17:00 A collaborative dashboard-building approach combining business intelligence and socio-technical multicriteria decision analysis: a tool to assist decision-makers in health settings
Rafael Miranda; Filipa Baptista; Isabel Albuquerque; Monica Oliveira

17:00 – 17:30 Evaluation of agro-sylvicultural systems, using the ELECTRE TRI-nC and ELECTRE III methods, including stakeholder behaviour
Odile Phelpin; Francis Macary

17:30 – 18:00 "Participatory modelling and multicriteria decision aiding for marine ecosystem management"
Irène Abi-Zeid; Maud Thermes; Franck Taillandier, Arnaud Sentis

Submitted to Discussion

Hierarchical DRSA-approach for the multiple channel retailing
Mladen Stamenković; Aleksa Dokić

Explainable Interactive Evolutionary Multiobjective Optimization with Dominance-based Rough Set Pairwise Comparisons
Salvatore Corrente, Salvatore Greco, Benedetto Matarazzo, Roman Słowiński

18:00 Closing session

Chair: Salvatore Greco

Saturday 28th September 2024

10:00 - 19:00: Social activities