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

All scientific activities will take place in **Room 15, on the ground floor** of Palazzo delle Scienze, Corso Italia 55, 95129, Catania.

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| 8:00 -         Registration<br>9:00 – 9:30   Opening Ceremony |

| 9:30 – 10:30 Session 1: Bernard Roy award | Chair: Maria Franca Norese |
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| 10:30 – 11:00 Coffee Break |
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| 11:00 – 12:30 Session 2 | Chair: Mladen Stamenkovic |
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| 11:00 – 11:30  MultiCriteria Decision Aid and complex decision problems<br>*Maria Franca Norese* | |
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| 11:30 – 12:00  A Multiple Criteria Approach for a Sustainable Urban Logistics Policies Ranking Problem<br>*Franco Corti; Chiara D'Alpaos; José Rui Figueira* | |
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| 12:00 – 12:30  Exploring the boundaries of Behavioural OR<br>*Alberto Franco, Raimo Hämäläinen* | |
| ***Submitted to Discussion***<br>Multi-Objective Workflow Scheduling Algorithms in Cloud Computing<br>*Josè Rui Figueira; Tomas Zaki, Yannik Zeitrag; Rui Neves*<br><br>The optimal manipulation of a pairwise comparisons matrix equating the weights of two alternatives<br>*Jacek Szybowski; Konrad Kulakowski; Sebastian Ernst*<br><br>Construction of alternatives for stochastic choice models reflections from choice experiments on diabetic markets<br>*Christine C Huttin* | |

| 12:30 – 13:45 Lunch |
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| 13:45 – 15:00 Session 3: Round Table | Chair: Benedetto Matarazzo |
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| Behavioural Issues in Multicriteria Decision Aiding<br>*Irene Abi-Zeid, Alberto Franco, Raimo Hämäläinen, Maria Franca Norese* | |

**15:00 – 15:30 Coffee break**

| 15:30 – 17:30 Session 4 | Chair: Alberto Franco |
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15:30 – 16:00  Using MCDA to Communicate Commander's Intent in Air Combat
*Kai Virtanen; Heikki Mansikka; Mikko Kankaisto; Raimo P. Hämäläinen*

16:00 – 16:30 C40 Reinventing Cities: Integrating Assessment, Planning, and Design for the Urban Regeneration of Bologna's Prati-Ravone District
*Isabella Giovanetti; Vanessa Assumma; Elisa Conticelli; Annarita Ferrante; Angela Santangelo*

16:30 – 17:00  How can existing MCDA software support sustainability assessment?
*Laura Mesa Estrada; Martina Haase; Manuel Baumann; Marco Cinelli*

17:00 – 17:30  "Voters' behavior to sort alternatives, elicitation of preferences and how to aggregate them"
*José Luis Garcia-Lapresta; Miguel Martinez-Panero*

***Submitted to Discussion***
Navigating Human Behavior Complexities in Complex Business Environments: The Role of AI and MCDA
*Georgios Tsaples; Dimitrios Zopounidis; Constantin Zopounidis*

Modeling Criteria and Project Interactions in Portfolio Decision Analysis with the Choquet Integral
*Matteo Brunelli; Salvatore Corrente*

**20:00 – 23:00 Social Dinner**  at "*Me Cumpari Turiddu*", Piazza Turi Ferro, 36/38, Catania

**Friday 27th September 2024**

| 9:00 – 10:45 Session 5 | Chair: Matteo Brunelli |
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9:00 – 9:30  In search for consensus among peers
*Konrad Kułakowski; Jacek Szybowski*

9:30 – 10:00  How do you generate the set of decision alternatives?
*Alexis Tsoukiàs, Irene Pluchinotta*

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
*Antonino Scarelli; Maria Franca Norese*

10:30 – 10:45  Dynamic Attribute Prioritization in Multiple Attribute Decision Making: Bridging the Gap between Shortlisting and Final Decision-Making
*Sarfaraz Hashemkhani Zolfani*

***Submitted to Discussion***
Deep aggregation of incomplete rankings in Multiple Citeria Group Decision Making
*Grzegorz Miebs; Adam Mielniczuk; Miłosz Kadziński*

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

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**10:45 – 11:15 Coffee break**

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| **11:15 – 12:45 Session 6** | **Chair: Milosz Kadzinski** |
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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; Jordi Nin; Tamara Garcia*

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

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**12:45 – 14:00 Lunch**

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| **14:00 – 14:30 Group Activities** | **Chair: Roman Słowiński** |
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| **14:30 – 16:00 Session 7** | **Chair: Raimo Hämäläinen** |
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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  The SOCRATES software for policy impact assessment
*Giuseppe Munda*

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*

A Behavioural Investigation of Feasibility and Demand Uncertainty in Production Planning Systems
*Maryam Azani; Lijia Tan; Rob Basten; Ton de Kok*

**16:00 – 16:30 Coffee break**

| **16:30 – 18:00 Session 8** | **Chair: Giuseppe Munda** |
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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; 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** |
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| **Saturday 28th September 2024** |
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| 10:00 - 19:00:  Social excursion at Tornatore wineries www.tornatorewine.com/?lang=en |