



**FACULTY OF COMPUTING
AND TELECOMMUNICATIONS**



100th Meeting of the EURO Working Group on Multiple Criteria Decision Aiding

September 11-13, 2025

Poznań University of Technology, Poznań, Poland

Program

Updated: August 26, 2025

Thursday, September 11, 2025

Działyński Palace, Polish Academy of Sciences (Poznań Branch) (*Pałac Działyńskich, Polska Akademia Nauk, Oddział w Poznaniu*)

Stary Rynek 78 (on the western side of Old Market Square; opposite the Museum of the Wielkopolska Uprising of 1918-1919)

12.00-13.00 Registration / light lunch

13.00-16.00 Session 1: From memories to the future

16.00-16.30 Coffee break

16.30-18.00 Session 2: Advances and applications in outranking methods

Concordia Taste Poznań Restaurant (*Restauracja Concordia Taste*)

Zwierzyniecka 3/1 (behind Bałtyk building, next to Sheraton Poznań hotel)

19.30- Social dinner

Friday, September 12, 2025

Lecture Center and Technical Library, Poznan University of Technology (*Centrum Wykładowe i Biblioteka Techniczna, Politechnika Poznańska*),

Piotrowo 2, Room BT 051 (take the main entrance from the side of Piotrowo street (not from the side of the Warta river); on the ground floor, use the left corridor to go till the building's end – towards the river)

9.00-11.00 Session 3: Advances in preference-based methods and aggregation techniques

11.00-11.30 Coffee break

11.30-13.00 Session 4: Evaluating energy solutions with MCDA methods

13.00-14.00 Lunch

14.00-15.00 Group activities

15.00-16.00 Session 5: Tools and approaches for sustainable decision making

16.00-16.30 Coffee break

16.30-18.00 Session 6: Refining decision models - criteria, robustness, and stakeholder perspectives

Saturday, September 13, 2025

Guided walking tour in Poznań

9.00: Meeting at Adam Mickiewicz Square (*Plac Adama Mickiewicza w Poznaniu*)

Visit to the Imperial District (*Dzielnica Cesarska*) and the Liberty Square (*Plac Wolności*)

10.15: Przemysł Castle (*Zamek Przemysła*)

11.00-12.10: Croissant Museum (includes the Goats Show at 12.00) (*Rogalowe Muzeum*)

12.10-12.40: Break (*on your own*)

12.40: Tour of the Old Market Square, the former Jesuit college, and Fara (Parish) Church

Walk toward Cathedral Island (*Ostrów Tumski*)

14.00: Cathedral and Śródka district visit (*Katedra, Rynek Śródecki*)

15.00: Dinner at Tumski Restaurant (*Restauracja Tumska; address: Ostrów Tumski 5A*)

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12.00-13.00 Registration / light lunch 🍽️

13.00-16.00 Session 1: From memories to the future

[13:00-13:15] **Opening** (chair: Miłosz Kadziński)

[13:15-15:15] **Memorial session at the occasion of 100th meeting** (chair: Roman Słowiński)

[15:15-16:00] **Bernard Roy Award 2025** including laureate's lecture (chair: Salvatore Greco)

16.00-16.30 Coffee break ☕

16.30-18.00 Session 2: Advances and applications in outranking methods

Chair: Salvatore Greco (University of Catania)

[16:30-17:00] Twenty years of use of ELECTRE multicriteria methods for agri-environmental decision-support issues

Francis Macary, Odile Phelpin (INRAE, France)

[17:00-17:25] Rank reversal in the PROMETHEE methods: what do we know?

Yves De Smet (Université Libre de Bruxelles, Belgium)

[17:25-17:50] Economics, outranking ELECTRE and computing: From memory to an algorithm for optimising index calculations

Frédéric Leca, Pascal Oberti, Christophe Paoli (University of Corsica Pasquale PAOLI, France)

[17:50-18:00] [*Short, 5min*] Advancing Sustainable Tourism Recommendations using ELECTRE-H

Antonio Moreno, Aida Valls, Monir Yahya Salmony (Univ. Rovira i Virgili, Spain)

Submitted to discussion:

Exploring Agroforestry Performance through MCDA: Insights from a Participatory Assessment in Southwestern France

Odile Phelpin, Francis Macary (INRAE, France)

Is It Better to Be Overconfident or Financially Literate? A PROMETHEE-Based Ranking of Investor Profiles

Elżbieta Kubińska (Cracow University of Economics, Poland), Anna Macko (Kozminski University, Poland), Stelios Rozakis (Technical University of Crete, Greece)

Random Preference Model

Mohammad Ghaderi, Kamel Jedidi, Miłosz Kadziński, Bas Donkers

Sensitivity analysis in the spatial multi-criteria decision support process

Abdelkader Mendas, Abdellah Mebrek, Zohara Mekranfar, Yasmine Oualhaci (Algerian Space Agency - Centre des Techniques Spatiales, Algeria)

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9.00-11.00 Session 3: Advances in preference-based methods and aggregation techniques

Chair: Tomasz Wachowicz (University of Economics in Katowice)

[9:00-9:25] Collective preference elicitation for the SRMP preference model using preference paths

Yann Jourdin, Arwa Khannoussi (IMT Atlantique, France) Alexandru-Liviu Olteanu (Université Bretagne Sud, France), Patrick Meyer (IMT Atlantique, France)

[9:25-9:55] Interactive Multi-objective Optimization Guided by Decision Rules Representing User Preferences

Jingyi Wang (Poznan University of Technology, Poland), Salvatore Greco (University of Catania, Italy), Piotr Zielniewicz, Roman Słowiński (Poznan University of Technology, Poland)

[9:55-10:20] Belief Structure in a New TOPSIS-Based Approach for Rank Aggregation

Tomasz Wachowicz (University of Economics in Katowice, Poland), Ewa Roszkowska (Białystok University of Technology, Poland)

[10:20-10:50] Heuristic Rating Estimation Method for incomplete pairwise comparisons

Konrad Kułakowski, Anna Kędzior, Jacek Szybowski (AGH University of Krakow, Poland)

[10:50-11:00] [Short, 5min] Multistage Bipolar Method

Tadeusz Trzaskalik (University of Economics in Katowice, Poland)

Submitted to discussion:

Modelling Group Preferences from Numeric Ratings and Textual Opinions: A Consensus based Framework

Bapi Dutta, Diego García-Zamora, Luis Martínez (University of Jaén, Spain)

Aggregating Linguistic Ratings into a Continuous Scale Through Sentiment Analysis

Walaa Abuasaker, Mónica Sánchez (UPC-BarcelonaTech, Spain), Núria Agell (Esade Business School, Spain), Francisco Javier Ruiz Vegas (UPC-BarcelonaTech, Spain)

The New Frontier: Hierarchical Behavioral Portfolio Management under the Virtue of Complexity

Gordon Dash, Nina Kajiji (University of Rhode Island, USA)

People, Places, Preferences: A Structured Approach to Conference Logistics

Maria Barbati (Ca' Foscari University of Venice, Italy), Sajid Siraj (University of Leeds, United Kingdom)

Combining Artificial Intelligence and Multi Criteria Decision Analysis to improve spatial decision making

Abdellah Mebrek, Abdelkader Mendas, Yasmine Oualhaci, Zohara Mekranfar (Algerian Space Agency - Centre des Techniques Spatiales, Algeria)

Decision Support for Intelligent Autonomous Robots

Andrzej M.J. Skulimowski (AGH University of Krakow, Poland)

Hierarchical Dominance-based Rough Set Approach for Evaluating Omnichannel Retailing Strategies

Weronika Mrozek, Miłosz Kadziński (Poznan University of Technology, Poland), Mladen Stamenković, Aleksa Dokić (University of Belgrade, Serbia)

Digital Requirements Prioritization in the Automotive Industry using a WOWA operator

Pietro Fronte, Núria Agell, Marc Torrens (Esade Business School, Spain)

Prioritization Uncertainty Arising from Judgments Based on Consistent Pairwise Comparisons

Pawel Tadeusz Kazibudzki (Opole University of Technology, Poland)

Relevance of BLP model for the medical markets: issues for Hahn, Hausman, Lustig specification test application

Christine Huttin (France)

11.00-11.30 Coffee break ☕

11.30-13.00 Session 4: Evaluating energy solutions with MCDA methods

Chair: Salvatore Corrente (University of Catania)

[11:30-12:00] A multi-step multicriteria approach to evaluate geothermal energy tunnels in urban contexts

Francesca Biondi, Marta Bottero, Caterina Caprioli (Politecnico di Torino, Italy)

[12:00-12:30] Incorporating imprecise inputs and robustness concerns: the development of Group Robust FlowSort method

River Huang (Paul Scherrer Institut, Switzerland), Miłosz Kadziński (Poznan University of Technology, Poland), Eleftherios Siskos (Technical University of Crete, Greece), Peter Burgherr (Paul Scherrer Institut, Switzerland)

[12:30-13:00] A multicriteria Group Decision Making framework for the evaluation of the sustainability and resilience of the long-term Swiss energy pathways

Eleftherios Siskos (Technical University of Crete, Greece), Evangelos Panos, River Huang, Peter Burgherr (Paul Scherrer Institute, Switzerland)

Submitted to discussion:

Blending Cost-Benefit and multicriteria analyses: implementing Positive Energy Districts through Digital Twin in Riga

Franco Corti, Andrea Sarcina (University of Padova, Italy)

13.00-14.00 Lunch 

14.00-15.00 Group activities

Chairs: Roman Słowiński, Salvatore Greco, Miłosz Kadziński

101th Meeting of EWG-MCDA (April 2026)

Sajid Siraj (University of Leeds)

102nd Meeting of EWG-MCDA (September 2026)

River Huang (Paul Scherrer Institut)

15.00-16.00 Session 5: Tools and approaches for sustainable decision making

Chair: Marco Cinelli (Leiden University)

[15:00-15:30] Shaping Safe and Sustainable Healthcare with an MCDA Twist – The Initial Steps

Marco Cinelli, Justus Hinze, Chester Xiao, Stefano Cucurachi (Leiden University, Netherlands), Maria Zenia Jensen Wänglund (Novo Nordisk, Denmark), Sriman Banerjee, Ulrich Bruggemann (Takeda Pharmaceutical Company Limited, USA), Antonis Dimopoulos (Tech Live Labs, Greece), Maria Eugenia Beltran, Liss Hernández (Universidad Politécnica de Madrid, Spain)

[15:30-16:00] MCDA for sustainability assessment - Conceptualization and implementation of the HELDA software

Martina Haase, Laura Mesa Estrada, Tim Müller (Karlsruhe Institute of Technology, Germany)

Submitted to discussion:

Trade-off Analysis for Sustainable Retrofitting of the Public Residential Stock Using a Fuzzy MCDA

Rubina Canesi, Chiara D’Alpaos, Giuliano Marella (University of Padova, Italy)

Modelling and analysing uncertainties from stakeholder preferences in MCDA sustainability assessment of energy technologies

Laura Mesa Estrada, Martina Haase, Manuel Bauman (Karlsruhe Institute of Technology, Germany)

16.00-16.30 Coffee break 

16.30-18.00 Session 6: Refining decision models - criteria, robustness, and stakeholder perspectives

Chair: Nikolaos Tsotsolas (University of West Attica)

[16:30-17:00] Application of DELPHI and MCDA UTASoP method for the assessment of evaluation models of the educational systems

Nikolaos Tsotsolas, Athanasios Spyridakos, Konstantinos Triantafyllou (University of West Attica, Greece)

[17:00-17:30] A SMAA-based heuristic for reducing redundant criteria in Multi-Criteria Decision-Making with minimal ranking impact

Renata Pelissari (Universidade Presbiteriana Mackenzie, Brazil), Sarah Ben Amor (University of Ottawa, Canada), Leonardo Tomazeli Duarte (Universidade Estadual de Campinas, Brazil)

[17:30-18:00] Deck of Cards method for Hierarchical, Robust and Stochastic Ordinal Regression

Silvano Zappalà, Salvatore Corrente, Salvatore Greco (University of Catania, Italy)

Submitted to discussion:

Measuring Satisfaction Among Public Authorities' Supervisors Regarding the Legislative Framework for Public Project Execution: a MUSA application

Isaak Vryzidis, Zisis Papastamatis, Nikolaos Tsotsolas (University of West Attica, Greece)