



Workshop „MCDA for energy system transformation“

17.-18.11.2025, Triangel „Space“, Karlsruhe

Agenda

Day 1

17.11.2025

Time	TOP	Content
13:15		Arrival, registration, light lunch
14:00	TOP 1	Welcome and Agenda Martina Haase
14:10	TOP 2	Introduction of participants Christina Wulf
14:20	TOP 3	Keynote MCDA for Stakeholder integration in local communities Heracles Polatidis, Uppsala University Online
14:50	TOP 4	Session 1 25 years of MCDA – from simple algebra to agentic AI Igor Linkov, U.S. Army Engineer Research and Development Center, Vicksburg, United States Online Multi-Criteria Decision Analysis taking into account interactions between actors Stefan Vögele, FZJ Online
15:50		Coffee Break
16:10	TOP 5	Session 2 A multi-criteria group decision making and consensus support webtool Konstantinos Koasidis, National Technical University of Athens (NTUA) Online Multi-Actor Multiple Criteria Decision Aid in the Transition from Coal to Bioeconomy Florian Siekmann, FZJ Online MODM for sustainability optimization (Tentative) Breno Barros Telles do Carmo, Universidade Federal do Ceará, Brasil Online
17:40	TOP 6	Moderated Discussion Mareike Tippe
18:00		End of workshop day 1
19:00		Dinner (tbd)



Day 2

18.11.2025

Time	TOP	Content
9:00	TOP 1	Welcome, Agenda, Recap day 1 Martina Haase
9:10	TOP 3	Session 1 From MCDA to Energy Systems Modeling: Understanding the Impact of Assessment Techniques on Energy Planning Carolina Godoy, KIT Participatory multiactor-MCDA in an energy transition dialogue process Franziska Lauth, Universität Stuttgart
10:10		Coffee Break
10:25	TOP 4	Session 2 Sensitivity Analysis Methods for Multiple Criteria Decision Analysis Richard O' Shea, UCC Online Hesitant intuitionistic fuzzy linguistic decision-making Sayan Das, KIT Review of using MCDA in LCSA studies Christina Wulf, FZJ
11:55		Break
12:05	TOP 5	Moderated Discussion – Ideas for joint projects and collaborations Mareike Tippe
12:35	TOP 6	Wrap-Up Christina Wulf
12:45		End of workshop day 2
		Lunch (Kulturküche Karlsruhe)

Responsible scientists

Martina Haase, Laura Mesa Estrada, Tim Müller (KIT)

Christina Wulf (Forschungszentrum Jülich)

Henning Wigger, Mareike Tippe (DLR)