

Energy Systems Compared Seminar 2025/26

Venue: Faculty of Physics, Lotharstr. 1, 47057 Duisburg, MG 465

UNIVERSITÄT
DUISBURG
ESSEN

Offen im Denken



Mo.	20.10.2025 10:00	Vom Transport bis zur Endlagerung hochradioaktiver wärmeentwickelnder Abfälle	Dr. Amin Bannani (GNS Gesellschaft für Nuklear- Service mbH)
	12:00	Geothermal Energy	Dr. Juliet Ann Newson (Iceland School of Energy)
Mo.	27.10.2025 14:00	Heat Pumps in Existing Residential and Non-Residential Buildings	Sven Kersten (NIBE Climate Solutions)
	16:00	Energy Transition without Resistance – How Superconductivity Can Accelerate the Climate Transition	Prof. Dr.-Ing. Mathias Noe (Karlsruhe Institute of Technology)
Mo.	03.11.2025 13:00	Electrosynthesis of Crucial Chemicals: Cases of Ammonia, Hydrogen Peroxide and Organic Molecules	Dr. Viktor Čolić (MPI für Chemische Energiekonversion)
	15:00 Entrance ZBT	Hydrogen Technologies, Fuel Cells and Electrolysis – Applied Research for a Sustainable Energy System	Jannik Plass (ZBT - Zentrum für BrennstoffzellenTechnik)
	17:00	Dual-Use Photovoltaics in Agriculture: Principles and Research Perspectives	Dr. Álvaro Fernández Solas (Deutsches Zentrum für Luft- und Raumfahrt)
Mo.	10.11.2025 14:00	Comparison of Energy Systems or What is the Price Tag of the Energy Transition?	Prof. Dr. Christoph Weber (Universität Duisburg-Essen)
	16:00	Latest Technology Trends in Offshore Wind Energy	Prof. Dr.-Ing. Andreas Reuter (Fraunhofer-Institut für Windenergiesysteme IWES)
Mo.	01.12.2025 11:00 – 13:30	Excursion: Hydroelectric Power Station Raffelberg	Joachim Exner (Betriebe der Stadt Mülheim)
Mo.	08.12.2025 12:00	Excursion: Siemens Energy Mülheim Generator and Gas Turbine Construction	Dr.-Ing. Florian Zellmer (Siemens Energy)
	TBD	Excursion: Trainingsbergwerk Recklinghausen	

For Excursions, Please Contact in Advance:

Prof. Dr. Martina Schmid (martina.schmid@uni-due.de) | Jan Berger (jan.lucassen@uni-due.de)