Energy Scenarios Conference – Sessions

energy scenarios school

Karlsruhe Institute of Technology

Monday, 24th of September, 17:00-18:30

- **Session A1: Construction – Integration (Chair: U. Fahl)**

  J. Kopfmüller: *Socio-technical scenarios for sustainability transitions: the double integration challenge*

  M. Culka: *Assessment of energy scenarios based on construction methods*

  B. Droste-Franke: *Instruments for Epistemic and Socially Robust Energy Scenarios*

- **Session B1: Construction – CIB (Chair: W. Weimer-Jehle)**

  S. Prehofer: *Linking qualitative scenarios with energy models: Knowledge integration in different methodological designs*

  D. E. François: *Context energy scenarios for the energy-poverty nexus: looking beyond the number of people with access to modern energies*

  P. Kunz: *Consideration of hierarchical descriptor importance as an extension for Cross Impact Balance method*

- **Session C1: Construction – Actors Behaviour (Chair: W. Fichtner)**

  A. Tash: *Actors' behavior analysis in a decentralized energy system: The case of the German energy supply sector*

  J. Globisch: *Integrating renewables and energy efficiency in homes and office buildings - enriching modelling by a deeper understanding of the decision process of investors*

  P. Ferreira: *Demand side response for low carbon pathways*

Tuesday, 25th of September, 09:00-10:30

- **Session A2: Construction – Integration (Chair: V. Bertsch)**

  A. Palzer: *Construction of energy scenarios integrating all energy sectors – challenges addressed by REMod*

  M. Rehfeldt: *Combination of quantitative and qualitative data on fuel choice in industrial applications*

  M. Kühnbach: *Development of scenarios for a multi-model systems analysis of cellular energy systems*

- **Session B2: Assessment (Chair: M. Wietschel)**

  T. Vu: *Contribution of storages to reduce electric distribution grid reinforcement costs – A German Case*

  A. Bigo: *How to divide by 4 the transport CO2 emissions in France by 2050: a contribution from the comparison of energy scenarios*

- **Session C2: Impact (Chair: A. Grunwald)**

  M. Klein: *Benchmarking VRE cost assumptions with awarded renewable energy auctions – A comparative assessment of global energy scenarios*

  Ch. Senkpiel: *Status of energy technologies – are we on the right path to reach climate change targets?*

Tuesday, 25th of September, 11:00-12:00

- **Session A3: Construction – Case Studies (Chair: Th. Pregger)**

  M. Xiao: *Scenario analysis of energy system transition - A case study of two coastal metropolitan regions, eastern China*

  D. Bogdanov: *Global power system transition pathways: from current power system towards 100% RE by 2050*

- **Session B3: Assessment (Chair: G. Betz)**

  R. Scheele: *Applause for Scenarios?! Enhancing scholarly conversations about scenario plausibility and user perspectives*

  S. Oberle: *Are open source models able to assess today's energy scenarios?*

- **Session C3: Impact (Chair: P. Jochem)**

  A. Gillich/L. Brodecki: *Impacts of complementing goals beyond emission targets on CO_2 mitigation cost in energy system models*

  Ch. Kost: *A regulatory framework for an integrated Energy Concept 2050*