



## Prüfung Proposal-Modul

**Speaker:** Maximilian Walde

**Title:** Energy security in net-zero energy systems

### Overview:

1. Global hydrogen trade: analyzing market equilibrium in a future oligopolistic Cournot market
2. Optimal mixes for dispatchable net-zero electricity generation: insights from screening curves
3. Inter-annual storage in net-zero energy systems: the impact of green methanol on system costs
4. Building sector: technology choice under multiple heat demand scenarios in net-zero energy systems