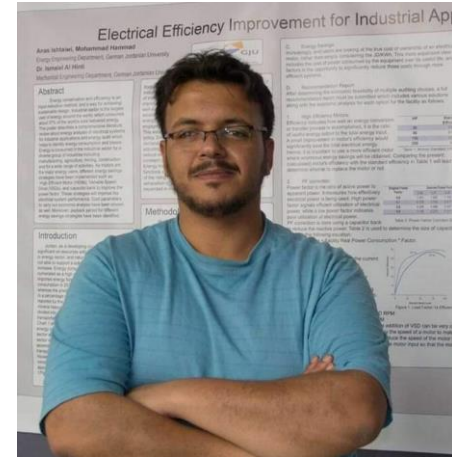


Anas Abuzayed

Ausbildung / Studium

- Anas Abuzayed has completed his Bachelor degree in 2018 in Energy Engineering in the German Jordanian University (GJU) in Amman, Jordan, after which he pursued his Masters degree in Power and Data Engineering (PDE) in Offenburg University of Applied Sciences.



Angaben zur aktuellen beruflichen Position

- Since 2020, Mr. Abuzayed is a researcher at the Institute for Energy Systems Technology - INES at Offenburg University of Applied Sciences. His main research interests are modelling and optimization of energy systems, and developing concepts to evaluate their interactions within the power markets and grids.

Angabe zu aktuellen Projekten

- Anas Abuzayed currently develops a model for the German transmission grid (MyPyPSA-Ger) within the project "GalN", which aims to preparing a profitable participation of SME's in the future power markets and grids, and to evaluate the optimal path towards a Climate-Neutral energy system.

Motivation für den Vortrag

- The energy transition towards a climate neutral energy system presents great challenges for all playmakers, energy strategies and decision makers. With the current emission reduction strategy and without a strong presence of large scale ESS into the system, it is unlikely that the 1.5 °C target in Germany by 2050 will be achieved. The study shows that the CO2 budget will be exceeded long before 2050. The presentation will offer new lookouts on the energy transition and the diverse German energy system with a focus on the regional differences and the social acceptance role in the energy transition.