Applied Thermoynamics - a Powerful Enabler for Sustainable Gas Processing and Energy Solutions

2nd Summer School of the Graduate Center MSE in cooperation with Linde and the Carl-von-Linde Stiftung

With climate change becoming an increasing challenge, use of alternative sources of energy and adjustments in industrial processes are gaining substantial relevance. Approaches to limit and reduce CO_2 emissions as well as to utilize CO_2 as feedstock have hence shifted into our focus.

The energy sector and industry globally intensify their strive for innovative approaches for sustainable and environmentally friendly energy generation and industrial processes. The upcoming Winter School 2021 presents approaches and methods how to convert sustainability into reality.

ASU Rothenbach, Linde

Topics

- Applied thermodynamics
- Natural gas as environmentally friendly energy source
- Green hydrogen
- Carbon management
- Flexibilization of industrial plants

Methods

- Topic-oriented lectures
- Tutorials
- Discussions
- Excursions
- Science bar
- Poster presentations

Facts

- When: July 19 to 23, 2021
- Where: TUM Quantum, Parkring 35 in Garching near Munich
- Application deadline: March 31, 2021
- Participation is free of charge for doctoral candidates
- Please send your application including your statement of purpose, degree certificate and a letter of recommendation to graduiertenzentrum@mse.tum.de

Further information: www.mse.tum.de