

Lecture Series „Enabling Net Zero“

Thursdays / 3:45 pm - 5:15 pm / 30.41 Chemie HS 1

The KIT Graduate School ENZO offers this lecture series on energy subjects

The aim of the lecture is to provide a broad overview of the energy system with its complex interactions. Hence, the lectures offer basic insights into very different topics, such as specific technologies, economic aspects as well as the role of humans in the energy system.

Though the lecture is primarily tailored to the ENZO doctoral researchers, it is open to everyone. Especially interested master students and doctoral researchers of all faculties are cordially invited to attend.

April 27, 2023

Grey energy & circular economy

(Topic: Circular Economy)

Dr.-Ing. Rebekka Volk, IIP

May 04, 2023

Using data and machine learning to understand the power grid

(Topic: Machine Learning & Digital Tools)

Dr. Benjamin Schäfer, IAI

May 11, 2023

Techno-economic assessment of value chains for the transition of the chemical industry

(Topic: Sector Coupling Industry)

Prof. Dr.-Ing. Jörg Sauer, IKFT

We are looking forward to seeing you!



**please register
via Ilias**

www.enzo.kit.edu

June 15, 2023

Occupant satisfaction and technology acceptance: development and first demonstration of integrated ceiling fans

(Topic: Sector Coupling Construction)

Dipl.-Ing. Romina Risetto, fbta

June 22, 2023

Liquid metal technology in the context of renewable energy and negative emission technologies

(Topic: Renewable Energies)

Dr. Klarissa Niedermeier, ITES

June 29, 2023

The challenge of refinancing power plants in electricity markets

(Topic: Humankind in the Energy System)

Dr. Armin Ardone, IIP

July 06, 2023

Sustainable energy systems for resilient cities: microgrids, metrics and mathematical challenges

(Topic: Humankind in the Energy System)

Dr. Sadeeb Ottenburger, ITES

July 13, 2023

Climate, raw materials and energy transitions

(Topic: Circular Economy)

Prof. Dr. Christoph Hilgers, AGW