

# Lecture Series „Enabling Net Zero“

Thursdays / 4:30 pm - 6:00 pm / Bldg. 11.40, R 231

## 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.

October 26, 2023

### **Solar energy from plastic foils**

(Topic: Renewable Energies)

*apl Prof. Dr.-Ing. Alexander Colsmann, MZE/LTI*

November 02, 2023

### **From the old energy world to the new energy world – what transformation will happen?**

(Topic: Humankind in the Energy System)

*Dr. Volker Stelzer, ITAS*

November 09, 2023

### **Membrane-less electrolysis: A paradigm shift for sustainable hydrogen production**

(Topic: Sector Coupling Industry)

*Dr. Pooria Hadikhani, IAM-ET*

November 23, 2023

### **The role of biomass resources for climate targets**

(Topic: Renewable Energies)

*Dr. Axel Funke, IKFT*

November 30, 2023

### **Towards climate-neutral buildings**

(Topic: Sector Coupling Construction)

*Dipl.-Ing. Romina Risetto, fbta*

January 11, 2024

### **Managing innovations - from strategic target setting to the launch of an innovation project**

*Dr. Claudius Neumann, Evonik Industries*

January 18, 2024

### **The path to 25 % heat from geothermal energy in Germany**

(Topic: Renewable Energies)

*Prof. Dr. Eva Schill, INE*

January 25, 2024

### **The clean energy transition in the building sector - challenges and possible solutions for its acceleration**

(Topic: Sector Coupling Construction)

*Prof. Andreas Wagner, fbta*

February 01, 2024

### **Technology and nature based CO<sub>2</sub> removal and their effect to climate change**

*Prof. Dr. Nicolaus Dahmen, IKFT*

**We are looking forward to seeing you!**



**registration via Ilias**  
*recommended, not required*

[www.enzo.kit.edu](http://www.enzo.kit.edu)