Lecture „Energy Systems Analysis“
Winter Term 2022/23

Dr. A. Ardone, Dr.-Ing. T. Dengiz, Dr.-Ing. H. Ü. Yilmaz, Prof. Dr. W. Fichtner

Lecture times / Place:
The lecture will take place in building 10.50, room 604, on the following dates:

Thursday, November 17, 2022 (8 am – 1 pm and 2 pm – 5:15 pm)
Friday, November 18, 2022 (8 am – 1 pm and 2 pm – 3:30 pm)
Thursday, December 1, 2022 (8 am – 1 pm and 2 pm – 5:15 pm)

The lecture may take place fully or in parts in a digital format (e. g. MS Teams) if the Corona regulations require it or if the lecturers see it as appropriate to avoid risks.

As part of the lecture, we will offer computer exercises. The goal of these exercises is to make the students familiar with the basics of the modelling language GAMS (General Algebraic Modelling System) and to define optimisation problems for answering simple energy related research questions. The exercises will take place at CIP-Pool I (building 11.40, room S151).

Computer exercise times / Place:
Tuesday, November 22, 2022 (11:30 am – 1 pm / CIP-Pool I (S151), building 11.40)
Tuesday, November 29, 2022 (11:30 am – 1 pm / CIP-Pool I (S151), building 11.40)
Tuesday, December 6, 2022 (11:30 am – 1 pm / CIP-Pool I (S151), building 11.40)

The computer exercise is part of the lecture (also relevant for the exam) and it deepens the understanding of the topics of the lectures. For more information, please contact Dr.-Ing. Thomas Dengiz (thomas.dengiz@kit.edu) and Dr.-Ing. Hasan Ümitcan Yilmaz (hasan.yilmaz@kit.edu).