

MathSEE Modeling Week

What?

As a student of a mathematical-methodical subject or the SEE subjects, you will come into contact with **current and concrete mathematical questions** of an interdisciplinary nature during the modeling week. You will work intensively for one week in **small teams** online or in a conference house on a question from the new **KIT Center Mathematics in Sciences, Engineering and Economics**, both from the university and the large-scale research area of the KIT. You will be supported by professors and research assistants. Your task will be to solve these problems by developing mathematical models and computer programs and by continuously refining your solution. After the week you will present your results to the advisors as part of a closing event **online** at **KIT Campus South**. The MathSEE Modeling Week complements your field of study and gives you insight into the application of mathematical modeling to highly relevant research topics. Moreover, the MathSEE Modeling Week gives you the opportunity to arrange student jobs or find an interesting topic for your thesis.

Who?

Students in **mathematical-methodical subjects** (mathematics, computer science) or SEE subjects (natural sciences, engineering, economics)
Note: There will be German-speaking and English-speaking groups.

When?

16.08.2020 until 21.08.2020

Where?

Online or DJH youth hostel Burg Rabeneck in which case arrival and departure will be organized centrally.

Expenses?

free of charge (a contribution towards expenses of 50.00 € may be added if the week takes place in Pforzheim)

Registration?

Send an email to wohak@kit.edu until **18.05.2020**
The modeling week can be credited as the **technomathematical seminar**. We will be happy to assist you.

Attention: Limited number of participants.

Further questions?

Up-to-date information can be found at
www.mathsee.kit.edu/english/modelingweek

For further questions please contact:

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The modeling week has been established and tested at the RWTH Aachen University for several years and is now taking place in Karlsruhe for the second time. It is organized and carried out in Aachen, as well as here, within CAMMP (Computational And Mathematical Modeling Program).

