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The Institute for New Energy Systems (InES) is one of three institutes for applied research at Ingolstadt University of Technology (THI). It bundles the research activities in the fields of solar energy technology, energy system technology and bioenergy technology within the THI. Outstanding Bachelor and Master students have excellent development opportunities at InES.

Offer as a Student Assistant

Development of large-scale solar thermal collectors in the flexLAC project

Background:

At the Institute for New Energy Systems, research is being carried out on large-area collectors for use in district heating networks as part of a research project. In this context, a large number of investigations on novel solar thermal collectors are carried out. Activities such as researching current scientific events, analytical calculations, numerical simulations or experimental investigations in the laboratory make up the varied daily work routine.

Objectives of your Work at InES:

During your work at the institute, you will immerse yourself in the daily routine of the scientific staff and make an important contribution to the latest research and development activities through your active support. The activity is also designed to give you an understanding of research in a team of young scientists and to meaningfully complement your studies with practical work experience.

Potential Work Tasks (Depending on your Preference):

- Collaboration in the laboratories
- Engineering conception / design of components in CAD
- Evaluation of simulations and measurements
- Creation of calculation / simulation models
- Scientific review of literature

Target Group:

Students who passed the 2nd semester (Bachelor) or above of the disciplines:

- Energy systems or renewable energies
- Mechanical engineering
- Computer science
- Industrial engineering
- Comparable courses

Please send with your application
Curriculum vitae, overview of grades and certificates.

Time period: Now

Supervision Thorsten Summ, M.Sc.

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