

# Research on thermal properties

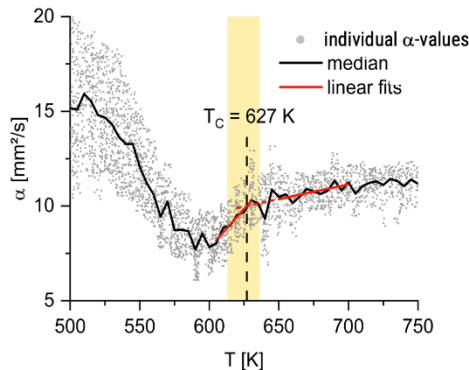
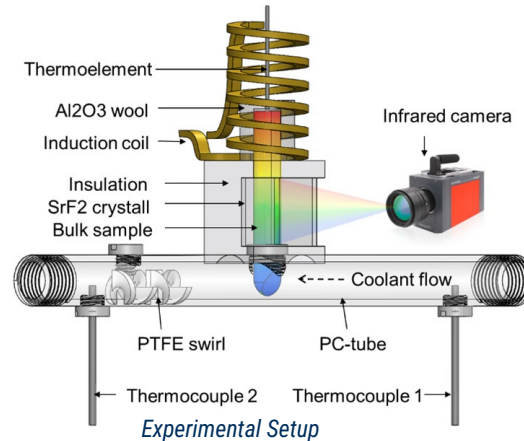
## Metallic Materials – PD Dr. Lippmann

### Topic:

Highly efficient determination of thermal conductivity and diffusivity using directional heat flow experiments.

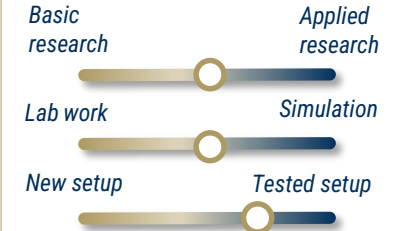
### Thesis subjects:

- Extension of the experimental setup for measuring materials with thermal conductivities  $>100\text{W/m/K}$
- Evaluation of experimental results using machine learning
- Design and construction of a setup for the characterization of liquids



Thermal diffusivity of nickel in the Curie temperature range

### Scientific Profile



### Language

German & English

### Contact

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