



Universität Stuttgart

The [Laboratory for Chemical Materials Synthesis](http://www.uni-stuttgart.de/imw/mc/) (www.uni-stuttgart.de/imw/mc/) develops novel materials with desirable functions. Projects involve the preparation, structure and properties characterization of perovskite-type as well as Heusler compounds and nano-structured composites for the potential applications in energy and environmental technologies. The methods used to produce nanostructured materials include soft chemistry and bioinspired techniques.

For our project on the development of thermoelectric half-Heusler materials we seek to recruit a

**PhD student**

The position is immediately available for a candidate (m/f) with a MSc in Chemistry, Physics or Materials Sciences (or related).

The project is focussed on the development of novel half-Heusler semiconductors, innovative synthesis methods and thermoelectric characterisation techniques.

The ideal candidate is a motivated scientist with a strong background in chemistry and/or physical sciences. He/she has experience on the synthesis of materials and their thermoelectric characterisation.

For further information contact Dr. Wenjie Xie (+49 711 685 61957)

Please send your application with CV, your research interests, certificates, diploma, a list of publications and the names of two academic referees to

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