

Nano Materials Lab at **Aachen Institute for Advanced Study in Computational Engineering Science (AICES)**, RWTH Aachen University has one opening for

## PhD Position

Research Area: [multi-scale simulation of mechanics](#)

### Job Description and Qualifications

The candidate should have a Master's Degree in Physics or Engineering (preferably Mechanical Engineering, Materials Science and Engineering) from an internationally recognized institution. Background in atomistic simulations such as molecular dynamics and/or quasi-continuum (QC) is essential. The stipend (fellowship) of the doctoral candidate is according to the standard policy and stipend rates of AICES. Candidates should have the ability to think creatively and have an excellent knowledge of the **English** language and excellent communication skills in general. Highly motivated students are strongly encouraged to apply. German language is not required in AICES.

### Additional Notes

The PhD candidate will be co-supervised by Prof. Bob Svendsen at AICES, RWTH Aachen University.

The position is available immediately and the starting date is as soon as mutually possible. Applicants are advised to refer to the following webpages for the research interests of the supervisors and the information about admission to AICES, RWTH Aachen University.

Interested candidates may direct questions and/or send a complete CV including transcripts at BSc and MSc levels, list of publications and a list of at least three (3) references with contact information to the individual listed below (all application materials in English). **Formal admission to AICES should be applied through AICES website later, which usually involves screening and interview.**

### Prof. Dr. Ming Hu

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Profile of the principle investigator:

<http://www.aices.rwth-aachen.de/people/hu>

<https://www.ghi.rwth-aachen.de/simulation>

Co-supervisor: Prof. Bob Svendsen

<http://www.cmm.rwth-aachen.de/>

Information about admission to AICES: <http://www.aices.rwth-aachen.de/admission>

Contact: Prof. Dr. Ming Hu, [hum@ghi.rwth-aachen.de](mailto:hum@ghi.rwth-aachen.de)