

A PhD position on

# fragmentation across scales: simulation of fragmentation processes

is available at the

**Institute for Multiscale Simulation**

**at the Friedrich-Alexander-University Erlangen-Nürnberg**

**[www.mss.cbi.fau.de](http://www.mss.cbi.fau.de)**

**environment** Opportunity to be a part of the interdisciplinary research training group FRASCAL as a member of Institute for Multiscale Simulation.

**topic** Development of techniques for the physically correct handling of particle fragmentation in numerical DEM simulations of granular material.

**profile** You are highly motivated and you are deeply committed to research. You are able to work independently and as part of a team. You are equipped with an analytical and critical mind-set and you communicate clearly and concisely.

## qualification

- master's degree in physics, computational engineering, mechanical engineering or related
- programming skills (e.g. Python, C++)
- experience in particle simulations (e.g. DEM)
- good speaking and writing skills in English

## offer

- starting date: January 1, 2025
- limitation: 36 months
- application deadline: June 30, 2024. The review process begins at this date and continues until the position is filled.

## application

- one single pdf including your research statement, your CV and description of your recent progress
- please send your application to  
Prof. Thorsten Pöschel  
[mss-recruitment@fau.de](mailto:mss-recruitment@fau.de)



Friedrich-Alexander-Universität  
Erlangen-Nürnberg



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Multiscale Simulation

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