

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

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

- one single pdf including the reference number MSS-2024-WS, your research statement, your CV and description of your recent progress.
- please send your application to
Prof. Thorsten Pöschel
mss-recruitment@fau.de
- review of applications begins on July 15 2024, later applications will be considered until the position is filled.



Friedrich-Alexander-Universität
Erlangen-Nürnberg



Institute for
Multiscale Simulation

MSS

