Vacancy Notice
70/2020

The Otto von Guericke University Magdeburg (OVGU) is an internationally oriented and regionally networked university with a strong research profile.

In the GIF-project “Enhancement of heat and mass transfer in low temperature drying of slurry droplets”, several sets of single slurry droplet experiments will be carried out under various well-controlled process conditions. In parallel, mathematical models will be developed from first principles for prediction of the drying characteristics of single slurry droplets. The ultimate goal is to deliver theoretically well-founded and experimentally validated mathematical models for the description of single droplet drying. This project is suited for pursuing a doctorate in Chemical Engineering.

Main responsibilities:
- perform single droplet drying experiments and characterize the morphology of dried particles
- scientific publications and participations in workshops and conferences in order to disseminate the project results

Requirements for the position:
- above-average master degree in Chemical Engineering, Process Engineering, or related disciplines (such as Food science or Agricultural Engineering)
- profound basis in separation techniques, in particular, drying, gas absorption and desorption
- solid experience in experimental work
- innovative character with an independent, focused approach
- high capability for cooperation to work in an interdisciplinary team

For further information about the position, please contact Dr.-Ing. habil. A. Kharaghani at +49 391 6751362, abdolreza.kharaghani@ovgu.de

Applications from disabled persons will be given priority in the case of equal suitability, ability and professional expertise. The Otto von Guericke University aims to increase the proportion of women researchers within the university and specifically encourages women to apply.

Please note the information for storage of personal data: https://www.uni-magdeburg.de/Datenschutz_Bewerber.html

Please send your complete application (cover letter, curriculum vitae, references) quoting reference number 70/2020 by March 3, 2020 (date of receipt of application) to the address below:

Otto-von-Guericke-Universität Magdeburg
Dezernat Personalwesen
Postfach 4120, 39016 Magdeburg (Germany)
bewerbung@ovgu.de