Junior Professor with tenure track

in Surface and Coatings Technology

We are an interdisciplinary and open-minded university with currently around 18,000 students and a range of subjects from the humanities, social and economic sciences to natural, engineering and life sciences. With over 2,000 employees, we are one of the largest employers in the region and offer a unique environment for teaching, research and further education.

The Faculty IV – School of Science and Technology – of the University of Siegen in the Department of Mechanical Engineering is seeking to appoint a

Junior Professor
(W1 LBesG NRW)
in Surface and Coatings Technology
with tenure track for a permanent W3 university professorship

This tenure-track position is funded by the „Bund-Länder-Programm zur Förderung des wissen- schaftlichen Nachwuchses“ (Tenure-Track-Program). Therefore, this announcement addresses especially young scientists in the early stages of their academic career.

The successful applicant shall work in a modern, interdisciplinary research area of surface, materials and coatings technology, such as the development of innovative functional or structural materials, nanomaterials or modern deposition technologies, and shall strengthen and reasonably complement the research of materials or components at the School of Science and Technology. The research areas shall have a significant networking potential and shall be feasible to strengthen the research profile of the faculty with its research focus on “Sensing and Sustainability”, in particular by means of active participation and cooperation with working groups in one or more research centers of the faculty, e.g. Center for Innovative Materials Cm, Center for Micro - and Nanochemistry and Engineering Cμ or Center for Sensor Systems ZESS. Additionally to the individual laboratory equipments, the successful applicant will have access to extensive analytical and technological research infrastructures in the Micro- and Nanoanalytics Facility (MNaF) and, in the future, to the modern clean rooms of the new INCYTE (interdisciplinary research center for nanoanalysis, nanochemistry and cyber-physical sensor technologies).

The successful applicant shall contribute to the teaching of subjects of materials science and engineering in the bachelor‘s and master‘s degree programs in the department of mechanical

engineering in German or English language, and shall introduce modules for specialization of her/his specific research areas in the faculty‘s interdisciplinary degree programs.
The requirements for the junior professorship are a completed university degree, pedagogical aptitude and the special qualification for independent scientific work, as demonstrated by an excellent PhD in the field of engineering or natural sciences, international experience as a postdoctoral fellow (or as an international student), and publications with international visibility. Experience in the acquisition of third-party funds, e.g. fellowships or financial support of exchange programs, are desirable.

The candidate will initially be employed as a fixed-term civil servant (if the statutory civil service conditions are fulfilled, otherwise as an employee under private law) for 3 years. After a successful probationary period, the junior professorship will be extended for a further 3 years in the course of the third year. The teaching duties are initially 4 and after the extension 5 hours a week per semester.

Following the appointment to the junior professorship, the subsequent appointment to a permanent W3 university professorship is granted on the condition/provided that the tenure evaluation criteria (defined upon the appointment to the junior professorship) are met during the junior professorship, and that the scientific and pedagogical aptitude required for the university professorship is given at the time of the tenure evaluation. The tenure evaluation is carried out as an appointment procedure for the W3 university professorship in the sixth year of the junior professorship. The permanent W3 professorship will not be advertised. Teaching duties then will be 9 hours a week per semester.

In addition to the usual documents (curriculum vitae, proof of academic and professional career, list of publications, certificates, overview of research, teaching or practical experience, list of academic courses provided, list of third-party funded projects), please submit a description (max. four pages) of your research projects and potential cooperations at the University of Siegen and a teaching concept (max. two pages).

For questions please contact Prof. Dr. Robert Brandt (E-Mail: robert.brandt@uni-siegen.de). Please send your application by **10.12.2021** (using the keyword ‘Coatings Technology’) to the Dean of Faculty IV, University of Siegen, 57068 Siegen. It is preferred to send the application via e-mail as a PDF file to **bewerbungen@nt.uni-siegen.de.**

Equal opportunities and diversity are promoted and lived at the University of Siegen. The advertisement is explicitly aimed at people of all genders (m/f/d); Applications from women are given special consideration in accordance with the State Equal Opportunities Act. Likewise, we would like applications from people with the most varied of personal, social and cultural backgrounds, people with severe disabilities or equivalent status.

You can find information about the University of Siegen on our homepage at www.uni-siegen.de.