

The INM – Leibniz Institute for New Materials is a leading international centre for interdisciplinary research on materials and materials-based technologies for a sustainable world characterized by increasing digitalization and medical needs. Our research integrates materials chemistry, biological processes, physical analysis and process engineering. We aim for leadership in the fields of opto-interactive, electro-integrative and bio-intelligent material systems. We actively pursue opportunities to transfer our scientific results into new and innovative materials-driven technologies.

Saarland University is a campus university with an international focus and a strong research profile characterized by the three main research areas 'Computer Science', 'NanoBioMed' and 'Europe'. With numerous internationally respected research institutes situated in the vicinity of the university and dedicated support for start-up companies, Saarland University is an ideal environment for research, teaching and innovation. The proportion of international students studying at Saarland University is well above the national average and is testimony to the university's strong international focus. Saarland University has been an officially certified family-friendly university since 2004.

To strengthen our research at the interface of biomedical technologies and digitalization, INM and Saarland University are looking to appoint an expert in biomedical device engineering and are inviting applications for the following position:

Head of Research Department

(m/f/x)

The successful applicant will also be appointed to a

Professorship (W3) in Biomedical Device Engineering

(m/f/x; Reference no.: W2572)

at the Faculty of Medicine at Saarland University.

Candidates must have:

- a strong track record in engineering biomedical devices or material-based technologies for applications such as biosensing, diagnostics, continuous monitoring (e.g. wearables) or innovative therapeutics (e.g. drug delivery).
- a profound understanding of how data science can be integrated with digital device performance and connectivity.
- an entrepreneurial spirit and the desire to collaborate with start-ups and established industrial partners to promote the application of research results in real-world scenarios.

You will benefit from the highly interdisciplinary and cooperative research environment at INM and at Saarland University whose campus is home to leading research institutes (Helmholtz, Fraunhofer, Max Planck, KIST) that offer ample opportunities for collaboration and for harvesting potential synergies. You will profit from structured research initiatives such as the Leibniz ScienceCampus on 'Living Therapeutic Materials' or DFG-funded Collaborative Research Centres. By being closely integrated with the Faculty of Medicine, you will have access to patient samples and animal facilities as well as opportunities to participate in clinical studies.

The appointment will be made in accordance with the general provisions of German public sector employment law. Candidates must have experience in and an aptitude for academic teaching. They will have a PhD or doctorate in an appropriate subject and will have demonstrated a particular capacity for independent academic research, typically by having obtained an advanced, post-doctoral research degree (Habilitation) or by having published an equivalent volume of peer-reviewed research or by having been appointed to a junior professorship or equivalent position.

At Saarland University, we view internationalization as a process spanning all aspects of university life. We therefore expect members of our professorial staff to engage in activities that promote and foster further internationalization. Special support will be provided for projects that maintain collaborative interactions within existing international cooperative networks, e.g. projects with partners in the European University Alliance Transform4Europe (www.transform4europe.eu) or the University of the Greater Region (www.uni-gr.eu).

In accordance with the objectives of its gender equality plan, Saarland University is actively seeking to increase the proportion of women in this field. Qualified women candidates are therefore strongly encouraged to apply. Preferential consideration will be given to applications from disabled candidates of equal eligibility. Furthermore, we welcome applications from all qualified candidates irrespective of nationality, ethnic heritage or social background, religious beliefs, personal beliefs or values, age, sexual orientation or identity.

To apply for this position, please submit your application by no later than **23. January 2025** via Saarland University's online professorial appointments platform: www.uni-saarland.de/berufungen. Application documents must be uploaded as a single PDF file (max. size 10 MB) and should include:

- a letter of application (addressed to the University President, Prof. Dr. Ludger Santen),
- a curriculum vitae and a summary of your academic history,
- a description of your research interests,
- a research vision statement outlining the future development of your research field taking into account the existing research environment at the Saarbrücken campus (max. 3 pages). If applicable, please also provide,
- Official certification of your degree of disability, if you mentioned this on your application form,
- Proof of equivalence of all foreign university degrees from the Central Office for Foreign Education (ZAB: does not apply to university degrees in Germany). If proof has not yet been requested at the time of application, it must be submitted later upon request.

By submitting a job application to Saarland University you will be transmitting personal data. Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the General Data Protection Regulation (GDPR) (www.uni-saarland.de/en/privacy). By submitting your application, you confirm that you have taken note of the information in the Saarland University privacy notice.