New Thinking. New Materials.

The **INM – Leibniz Institute for New Materials** in Saarbrücken, Germany, is an internationally leading center for materials research, a scientific partner to national and international research institutions, and a provider of research and development for companies throughout the world. The INM is an institute of the Leibniz Association and has about 250 employees.

Touch and feel are central to our perception of the world and to our well-being. The "Interactive Surfaces" group at INM, led by Roland Bennewitz, develops surfaces with defined microstructure and interface energy to create materials with strong haptic appeal and potential for effective tactile signaling. Our psychophysical projects connect material development, skin friction, and perception. We open two positions:

POST-DOC (M/F/D) – TACTILE PERCEPTION OF MATERIALS – STRUCTURE AND CHEMISTRY OF SURFACE AND SKIN

PHD STUDENT (M/F/D) – TACTILE PERCEPTION OF MICROSTRUCTURED MATERIALS WITH SWITCHABLE TOPOGRAPHY

The postdoctoral fellow will collaborate with the *Center of Experimental and Applied Cutaneous Physiology (CCP)* at the *Charité Hospital* in Berlin (Prof. Meinke), the PhD student with the *Systems Neurophysiology Lab* at the *Hertie-Institute for Clinical Brain Research* in Tübingen (Prof. Schwarz). Extended visits (total ~1 year) at the partners' laboratories are important part of the projects and will be adequately supported.

Your profile:

- Broad background in materials science, physics, or related fields
- Strong interest in interdisciplinary research and collaboration

Candidates should be self-motivated, have good interpersonal, communication and writing skills, and a demonstrated ability to interact effectively with staff at all levels. The ability to work as a member of an international, multi-disciplinary team is a critical asset, and proficiency in English is mandatory.

Please direct your questions regarding the positions to Roland Bennewitz (roland.bennewitz@leibniz-inm.de). Interested candidates should submit their complete application via email (a single pdf file < 5 MB) to Gabriele Koster at gabriele.koster@leibniz-inm.de including the following:

- motivation letter of max. 1 page (included in the text of the email)
- CV (max. 2 pages)
- certificates, publication list

We ask for submission before **15th March 2021.** We expect to fill the positions in May 2021 or later. The salary level is E13 TV-L, 100% for the postdoc position (2 years initial contract, extendable by 2 years) and E13 TV-L 50% (with potential increase during the project) for the PhD student position (3 years initial contract, extendable by 1 year). The INM is an equal opportunity employer with a certified family-friendly policy. We promote professional opportunities for women and strongly encourage them to apply. Full-time jobs can generally be divided.

Leibniz Gemeinschaft

Zertifikat seit 2012 audit berufundfamilie

CONTACT

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