New Ideas. New Materials.

PHD STUDENT (MATERIALS SCIENCE, PHYSICS, OR MICROSTRUCTURES AND NANOTECHNOLOGY)

The INM – Leibniz Institute for New Materials in Saarbrücken, Germany, is an internationally leading center for materials research. We focus on surface and interface phenomena and their exploitation in the development of innovative materials and structures. INM is a scientific partner to national and international research institutions and a provider of research and development for companies throughout the world. INM has about 250 employees and is an institute of the Leibniz Association.

The INM is looking for a **PhD student** with a strong background in

Materials Science, Physics, or Microstructures and Nanotechnology

Haptics is the science and engineering of touch and perception. Experiments in the field of haptics address the materials parameters and physical phenomena related to touch and the resulting perception. This PhD project will explore haptic design based on micro-structured materials. Materials will be produced by INM's Gecomer technology and by 3D printing. Psychophysical experiments will relate the perceived haptic properties to the structural, viscoelastic, and thermal material properties. The project will be supervised jointly by Dr. René Hensel, Prof. Roland Bennewitz, and Prof. Eduard Arzt.

INM is an equal-opportunity employer with a certified family-friendly policy. INM promotes the professional opportunities of women and strongly encourages them to apply.

Applications are invited by email as a single pdf file (<10 MB) to roland.bennewitz@leibniz-inm.de starting immediately and preferably before July 15. Your application must include a curriculum vitae, a list of publications, copy of your university degrees. Candidates should be available to join the INM before October 2017.

Leibniz-Gemeinschaft

Zertifikat seit 2012 audit berufundfamilie

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