

Post-doc Opportunity

Starting September 2012

Post-doc position in an exciting multi-disciplinary research program focused on materials research and applicatory themes for smart materials in textiles (concepts for technical embroidery).

The scientific work brings together fundamental and applied research, including intensive interaction with industrial partners.

Basic Purpose

Material research, polymer chemistry and surface modification, composites and functional structures, implementation of chemical functions in textile structures, prototype testing and technology transfer.

The research is embedded into the activities of the Research Studio Smart Technical Embroideries RS-STE which is directed towards research and development of new functional technical embroideries.

http://www.uibk.ac.at/textilchemie/texchem/infoblatt_rs-ste_2_englisch.pdf

Knowledge, Skills and Experience

Candidate must have good written and oral communication skills and work well with others in a team oriented environment.

Candidates have finished doctorate / Ph.D. in chemistry, chemical engineering, textile science, textile chemistry, Materials science / chemistry, Polymer science/ chemistry, solid state chemistry, physics.

The candidate is expected to work independently and conduct research in a highly interdisciplinary environment of chemists and materials scientists. Comprehensive knowledge in these areas is highly valued. This position will involve a considerable amount of experimental laboratory work with a variety of processing and characterisation techniques. We expect ability to interact with specialised industrial partners and interest to publish scientific results. Experience in project management is a plus.

Applications are requested to: Thomas.Bechtold@uibk.ac.at

T. Bechtold
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