

Berlin Weißensee Academy of Art

Job Title: Part-time Faculty/Research position focusing on soft technologies and interactive textiles (e-textiles construction)

Job Number: 16/2017

Salary Level: 13 TV L Berliner Hochschulen

Vacancy: February 1st, 2018

Limitation: 1 year (extension possible)

Part-time (50%); teaching assignment (4.5 h/week) included

The position focuses on “experimental material research“ within the R&D-project “**TPL – Textile Prototyping Lab**,” which is part of the “futureTEX“ consortium (funded by the Federal Ministry of Education and Research “Zwanzig20 – Partnerschaft und Innovation“) and is affiliated with the Weissensee Academy of Art Textile/Surface Design program. The project is a cooperation with Fab Lab Berlin, STFI e.V.(Saxonian Textile Research Institute), TITV Greiz e.V. (Institute for Special Textiles and Flexible Materials), and Fraunhofer IZM (Institute for Reliability and Microintegration). **The position is limited to a maximum of 25 months.**

The successful applicant will participate in the following fields, while they will help to establish the interdisciplinary Textile Prototyping Lab:

- Implementation of the research project, assistance in developing textile process chains within a multi-partner management structure.
- Creative and technological supervision of prototyping- and product-development with a focus on integrated technologies, interactive textiles and physical computing.
- Co-development of design strategies and -criteria for future-oriented textile products and processes in the context of e-textiles, internet of things and functional surfaces.
- Co-development of a material and swatch archive with a focus on e-textiles.
- Co-organization of symposia, exhibitions, presentations, and public relations work.
- Research process documentation (print and online), preparation of reports and presentations, organization of networking events and workshops with project partners and students.
- Support of the project management and coordination, content-related co-operation, preparation and execution of further grant-writing.
-

The successful applicant will assist with teaching BA and / or MA students.

Requirements:

- Expertise and experience with interactive textiles, new and traditional materials and technologies (practical, technological, methodological).
- Professional work experience in teaching new technologies, e.g. Arduino, programming and textile microelectronics integration.

- Broad knowledge about and artistic vision of current technical developments in the field of e-textiles, internet of things
- Rigorous methodology to assist the development and supervision of a material and swatch archive

Qualifications:

University degree in a discipline that combines creativity and technology, such as interaction design, textile design, amongst others. Specific interest and experience with interactive textiles and active (smart) materials. Practical experience in the field of design research is preferable. Visionary thinking and skills in methodical and systematic work as well as professional presentation skills are required. The successful applicant should have experience in interdisciplinary creative-experimental methods, an interest in contributing to academic teaching and the ability to develop new concepts for knowledge transfer. Professional use of German or English language, with the ability to write academic design research articles, reports and applications is a must.

To provide equal opportunities, preferential treatment applies to people with a migration background or disabilities if all qualifications are fulfilled.

Please send your application including a portfolio with work samples before **September 20th 2017** to **principal Leonie Baumann, Berlin Weißensee Academy of Art**, Bühringstraße 20, 13086 Berlin

Application documents can only be returned if the sender includes a stamped return-envelope. Otherwise any documents will be destroyed after two months according to data protection regulations.