

Faculty of Electrical and Computer Engineering

The **Institute of Acoustics and Speech Communication**, the **Chair of Acoustics and Haptics** offers a position as

Research Associate / PhD Position

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

The position starts **immediately** and is initially limited until 31.10.2019 with the option for extension upon further third party projects. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification.

Tasks: Research activities in the field of 3D-audio-reproduction; development of a loudspeaker array and its control for sound projection; analysis of the directivity using a near-field-scanner (Klippel) or anechoic measurements; design and evaluation of models (e.g., using Matlab) for optimization of the directivity; investigations about sound reflection on walls and ceiling.

Requirements: excellent university degree in engineering sciences, physics or mathematics; thesis on an acoustic topic; excellent knowledge and experience in the field of acoustics; experience with acoustic measurements and analysis; good English skills; high motivation and autonomous working style; a cooperative personality for the interdisciplinary cooperation.

We offer the possibility to work at a young research group in the fields of Acoustics and Haptics and to realise your own ideas to start a scientific career in a fascinating and interdisciplinary field and to use advantage of training and learning opportunities which are offered for example by the Graduate Academy of TU Dresden.

If you would like to have further information on the position, you can contact Dr. S. Merchel by telephone at + 49 351/463-34253.

Applications from women are particularly welcome. The same applies to people with disabilities.

Please send your application documents until **15.08.2018** (stamped arrival date of the university central mail service applies) preferably via the SecureMail portal of TU Dresden <https://securemail.tu-dresden.de> as a single pdf-Document to: **sebastian.merchel@tu-dresden.de** or to: **TU Dresden, Fakultät Elektrotechnik und Informationstechnik, Institut für Akustik und Sprachkommunikation, Professur für Akustik und Haptik, Herrn Prof. Dr. Ing. Ercan Altinsoy, Helmholtzstr. 10, 01069 Dresden**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.