



The Institute for Acoustics and Speech Communication at the TU Dresden, Germany has an open position as

## **Research Fellow / PhD student**

from 01 December 2016, remunerated according to

**Salary group E 13 TV-L (50%), initially limited for 30 month.**

The position is part of a research project with the goal to develop and control a physical electro-mechanical model of the vocal tract for the synthesis of speech. This speech apparatus is supposed to be the basis for further research in articulatory and acoustic phonetics and anthropomorphic robotics.

Your profile:

- Outstanding university degree (master or equivalent) in engineering science, natural science, computer science, mathematics or phonetics.
- Programming knowledge in C/C++ und Matlab
- Solid knowledge of speech production and phonation
- High motivation and interest to learn and work in an inter-disciplinary environment
- Inter- and multi-disciplinary thinking
- Very advantageous is experience in RC model building (cars, planes, ships)
- Advantageous is basic knowledge of German language

The position offers the chance to obtain further academic qualification (e.g., PhD).

We offer you the following possibilities:

- To work in a young research group in the areas speech technology and cognitive systems
- The implementation of your own ideas
- The start of a scientific career in an exciting and inter-disciplinary research area
- Advanced training in the framework of the Graduate Academy of the TU Dresden

Please send your application (including a motivation letter, CV, names and contact details of two references, copy of degree certificates) electronically as a single pdf-file to [peter.birkholz@tu-dresden.de](mailto:peter.birkholz@tu-dresden.de). To obtain additional information about the position or the application procedure you may also call Jun.-Prof. Peter Birkholz: +49-351-463-32721.