

The Forschungszentrum Telekommunikation Wien (FTW) is a dynamic company with an international atmosphere that carries out application-oriented research on communication technology. Our mission is to fill the gap between science and industry, pursuing a challenging research program in collaboration with both academic and industrial partners. Currently we are hiring for the following position:

## Researcher in speech synthesis (f/m)

Long-term goal of the research is to embed context-sensitive speech synthesis in the application scenarios at FTW: personal communication, intelligent transport systems, and intelligent energy networks. Initially the successful candidate will work on **acoustic modeling and transformation of language varieties**, embedded in the team of the Research Area 'User Interaction and Communication Economics'.

### Your responsibilities:

- Acoustic modeling and transformation of language varieties for speech synthesis
- Transfer of results to application scenarios in focus of FTW
- Publish and present research work at international workshops, conferences, and journals
- Pursue a PhD thesis in the field of speech synthesis for context-dependent human-machine communication scenarios
- Contribute to overall strategic and applied research activities within the center and cooperate with our industrial partners

### Qualification requirements:

- University degree in computer science, electrical engineering, mathematics, linguistics or a related field
- Experience in one or more of the following fields: statistical modeling and machine learning, acoustic modeling, computational linguistics, speech signal processing, speech processing
- Strong programming skills in one or more of the following languages: Perl, Python, shell scripting, C, Java
- Proficiency in English (oral and written), additional language skills in German are an advantage
- Since the project deals with the modeling of Austrian German varieties a willingness to learn German is required
- Ability to combine theoretical reasoning with practical applications and evaluations

On more information on our current and past projects in this field please visit <https://portal.ftw.at/projects/avds/> and <https://portal.ftw.at/projects/vsds/>.

Please send your complete application (CV, covering letter, certificates) to:  
FTW Forschungszentrum Telekommunikation Wien GmbH  
attn.: Mag. Ulrike Gemassmer  
Donau-City-Straße 1

A-1220 Wien

Österreich

or via Email to [bewerbung-amtv@ftw.at](mailto:bewerbung-amtv@ftw.at)