Computational Linguistics & Phonetics

UNIVERSITÄT DES SAARLANDES

Postdoctoral researcher (100% TV-L 13) in Speech Synthesis

Saarland University's **Collaborative Research Center SFB-1102:** *Information Density and Linguistic Encoding* is seeking to hire one full-time postdoctoral researcher for project **C5:** *Information Density Aware Text-to-Speech Synthesis*.

The role of the postdoctoral researcher is to implement models of information density using speech corpora, and integrate them into an existing text-to-speech (TTS) platform. He or she will leverage and extend tools for rapid and incremental NLP and voice component assembly and parameter optimization, and measure the resulting TTS performance using both automatic techniques and evaluation studies involving human listeners.

Requirements:

The candidate should hold a PhD in computer science, electrical engineering, computational linguistics, or a related field, with a strong background in speech and natural language processing. Experience with speech technology applications, particularly TTS synthesis, is mandatory.

Moreover, the candidate should have excellent software engineering skills, including object-oriented programming, distributed version control, unit testing, bug tracking, continuous integration, and build automation. Previous involvement in collaborative development on an open-source project is a plus. Good spoken and written command of English is required.

The position is for 2 years (renewable for another 1.75 years), with a preferred start date of October 2014. The position is open until filled, but we will start to review applications on July 10th.

Contact:

Please email applications (including a CV, list of publications, two references, and a statement of interest, in PDF format) directly to

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citing reference number **W861** and project **C5**.

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