



Universität Karlsruhe (TH)
Research University • founded 1825



At the **Institut für Theoretische Informatik, Lehrstuhl Prof. Waibel** Universität Karlsruhe (TH) a

Ph.D. position

in the field of

Multimodal Dialog Systems

Is to be filled immediately with a salary according to **TV-L, E13**.

The responsibilities include basic research in the area of **multimodal dialog systems**, especially **multimodal human-robot interaction and learning robots**, within **application targeted research projects** in the area of multimodal Human-machine interaction. Set in a framework of internationally and industry funded research programs, the successful candidate(s) are expected to contribute to the state-of-the art of modern spoken dialog systems, improving natural interaction with robots.

We are an internationally renowned research group with an excellent infrastructure. Current research projects for improving Human-Machine and Human-to-Human interaction are focus on dialog management for Human-Robot interaction.

Within the framework of the **International Center for Advanced Communication Technology (interACT)**, our institute operates in two locations, Universität Karlsruhe (TH), Germany and at Carnegie Mellon University, Pittsburgh, USA. **International joint and collaborative research** at and between our centers is common and encouraged, and offers great international exposure and activity.

Applicants are expected to have:

- an excellent university degree (M.S, Diploma or Ph.D.) in Computer Science, Computational Linguistics, or related fields
- excellent programming skills
- advanced knowledge in at least one of the fields of **Speech and Language Processing, Pattern Recognition, or Machine Learning**

For candidates with Bachelor or Master's degrees, the position offers the opportunity to work toward a Ph.D. degree.

In line with the university's policy of equal opportunities, applications from qualified women are particularly encouraged. Handicapped applicants will be preferred in case of the same qualification.

Questions may be directed to: Hartwig Holzapfel, Tel. 0721 608 4057, E-Mail: hartwig@ira.uka.de, <http://isl.ira.uka.de>

The application should be sent to Professor Waibel, Institut für Theoretische Informatik, **Universität Karlsruhe (TH), Adenauerring 4, 76131 Karlsruhe, Germany**