



Alex Waibel

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Dr. Alexander Waibel is a Professor of Computer Science at *Carnegie Mellon University*, Pittsburgh and at the *Karlsruhe Institute of Technology*, Germany. He is the director of the *International Center for Advanced Communication Technologies* (interACT). The Center works in a network with eight of the world's top research institutions. The Center's mission is to develop multimodal and multilingual human communication technologies that improve human-human and human-machine communication. Prof. Waibel's team developed and demonstrated the first speech translation systems in Europe & USA (1990/1991 (ICASSP'91)), the world's first simultaneous lecture translation system (2005), and Jibbig, the world's first commercial speech translator on a phone (2009). Dr. Waibel founded and served as chairmen of *C-STAR*, the *Consortium for Speech Translation Advanced Research* in 1991. Since then he directed and coordinated many research programs in speech, translation, multimodal interfaces and machine learning in the US, Europe and Asia. He served as director of *EU-Bridge* 2012-2015, a large scale European multi-site Integrated Project initiative aimed at developing speech translation services for Europe. He also served as co-director of *IMMI*, a joint venture between *KIT*, *CNRS* & *RWTH* and as principal investigator of several US and European research programs on machine learning, speech translation and multimodal interfaces. Dr. Waibel received many awards for pioneering work on multilingual speech communication and translation technology. He published extensively (>700 publications, >22,000 citations, h-index 77, (ref: google scholar)) in the field, and received/filed numerous patents. During his career, Dr. Waibel founded and built 10 successful companies. Since 2007, Dr. Waibel and his team also deployed speech translation technologies for healthcare providers in humanitarian and disaster relief missions. Since 2012, his team also deployed the first simultaneous interpretation service for lectures at Universities and interpretation tools at the European Parliament.

Dr. Waibel received his BS, MS and PhD degrees at *MIT* and *CMU*, respectively.