

Hiroya Fujisaki: Brief CV

Hiroya Fujisaki is Professor Emeritus at the University of Tokyo, where he was Professor of Electronic Engineering in the School of Engineering, but also Professor of Speech Science in the Research Institute of Logopedics and Phoniatics (School of Medicine), and Lecturer in the Dept. of Linguistics (School of Letters).

His research interests are in languages, processing of language (both spoken and written) by humans and machines, as well as in human and artificial intelligence, with special emphasis on modeling. His works include a model of language use, a model of the cognitive processes in speech sound identification/discrimination (the "dual channel model"); and a model for the process of fundamental frequency control in speech (the "command-response model", or more often the "Fujisaki model").

He also played a key role in activating the speech research community of Japan, and in defining and promoting the field of spoken language processing internationally by founding the International Conference on Spoken Language Processing (ICSLP) in 1990, now merged with Eurospeech into the INTERSPEECH series. Also, he successfully led a Japanese National Project on Information Retrieval through Human-Machine Spoken Dialogue, and chaired a series of International Symposia on Spoken Dialogue Systems.

For his academic works and technical leadership, he has received a number of awards including the Distinguished Paper Awards both from the Institute of Electrical Engineers of Japan and from the Institute of Electrical Communication Engineers of Japan (1968), the Distinguished Achievement Award from the Institute of Electrical Communication Engineers of Japan (1973), the Meritorious Service Award from the IEEE Acoustics, Speech, and Signal Processing Society (1988), the Distinguished Service Award from the Acoustical Society of America (1988), the Third Millennium Medal from the IEEE (2000), the Medal for Significant Scientific Achievement from ISCA (2008), and the Medal for Exceptional Service from ISCA (2015). He was also named Person of Merit in Science and Technology by the Mayor of Tokyo (1989).

Dr. Fujisaki is an honorary member of ISCA, an honorary member of the Acoustical Society of Japan, a fellow of the Acoustical Society of America, a fellow of the Institute of Electronics, Information and Communication Engineers, an inaugural fellow of ISCA, a life member of IEEE and of the Information Processing Society of Japan, a member of the Engineering Academy of Japan, and a corresponding member of the Göttingen Academy of Sciences.