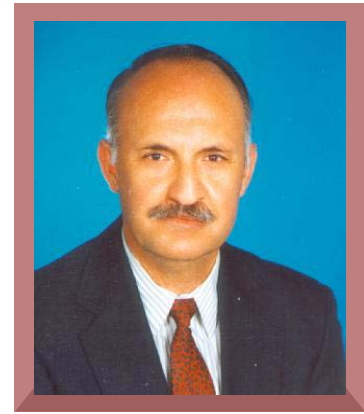


Executive Summary

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Hüseyin Abut is Professor Emeritus from Electrical and Computer Engineering at San Diego State University, where he has served as a FERP professor through 2006 and a full-professor between 1981 through 2001. At present, he is a visiting Adjunct Professor at Bogazici University and Visiting Professor and the NEDO Program Director at Sabanci University, both in Istanbul, Turkey. He has also held visiting faculty appointments in Turkey, Japan, Singapore, Germany, and Stanford University. He served as the VP for Research and Development of a high-tech company in 1980s, was the President of one and the TCO of yet another high-tech start-ups both in the US and abroad. He served as the director of an academic research facility for more than twenty years and was the interim associate dean for research. He was recently involved with the establishment of a foundation university in Turkey in its board of trustees. He has served twice at the capacity of Senior Advisor for the U.N. Programme Development.

He is the editor or co-editor of four books: *Vector Quantization* from IEEE Press (1990), *DSP in Mobile and Vehicular Systems* from Springer, Science-Business (2005), *Advances for In-Vehicle and Mobile Systems: Challenges for International Standards*, Springer, Science-Business (2007) and *In-Vehicle Corpus and Signal Processing for Driver Behavior*, Springer Science-Business (2009). He is the author/co-author of more than 100 publications in journals, books, and book chapters in the field of speech processing, speaker verification, image processing, image understanding, biometrics, and signal processing for vehicular applications and driver behavior. He holds two patents on Speaker Verification Systems for Consumer Applications.

He has served as a founding associate editor for the IEEE Transactions on Speech and Audio Processing. He was a Distinguished Lecturer (Class of 2002) for IEEE. He has been associated with numerous international workshops, biennials, and conferences including nine ICASSP Meetings –General Chair 2000, two speech coding workshops, general chair of three biennials on DSP for In-Vehicle and Mobile Systems (DSPINCARS) and one called Special Workshop in Maui (SWIM) in honoring nine masters in signal processing. He served at many capacities as member, secretary, board member and senator in the academic and professional organizations including the IEEE Signal Processing Society.