



Jerry M. Mendel, Ph.D.

Professor Emeritus, University of Southern California

***"A Remarkable Trajectory—
From AI back to AI, With Many Stops Along the Way"***

Wednesday, January 17, 2018

Lecture 4:00 PM

Hughes Aircraft Electrical Engineering Building (EEB 132)

Reception 5:00 PM

Hughes Aircraft Electrical Engineering Building Courtyard

Hosted by Drs. Sandeep Gupta, Richard Leahy

In honor and celebration of his retirement and 44 years of service at USC, the Viterbi School of Engineering invites Jerry M. Mendel to share the trajectory of his remarkable career. His talk will describe some of the research (that began with AI and concluded with AI), educational and administrative paths along this trajectory.

Jerry M. Mendel has published close to 600 technical papers (more than 125 individually authored) and is author and/or co-author of 12 books, including *Uncertain Rule-based Fuzzy Systems: Introduction and New Directions*, 2nd ed. (Springer 2017), *Perceptual Computing: Aiding People in Making Subjective Judgments* (Wiley & IEEE Press, 2010), and *Introduction to Type-2 Fuzzy Logic Control: Theory and Application* (Wiley & IEEE Press, 2014).

He is a Life Fellow of the IEEE, a Distinguished Member of the IEEE Control Systems Society, and a Fellow of the International Fuzzy Systems Association. He was President of the IEEE Control Systems Society in 1986, a member of the Administrative Committee of the IEEE Computational Intelligence Society for nine years, and Chairman of its Fuzzy Systems Technical Committee and the Computing With Words Task Force of that TC. Among his awards are the 1983 Best Transactions Paper Award of the IEEE Geoscience and Remote Sensing Society, the 1992 Signal Processing Society Paper Award, the 2002 and 2014 Transactions on Fuzzy Systems Outstanding Paper Awards, a 1984 IEEE Centennial Medal, an IEEE Third Millennium Medal, a Fuzzy Systems Pioneer Award (2008) from the IEEE Computational Intelligence Society for "fundamental theoretical contributions and seminal results in fuzzy systems"; and, 2015 USC Viterbi School of Engineering Senior Research Award. His present research interests include type-2 fuzzy logic systems and computing with words.

