

Forty Years of Signal Processing! The Reflections of an Old Professor

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Abstract – In this talk I will reflect on how I got into signal processing and what I have been doing for the past 40+ years. I will describe how it all started in Cincinnati and my career trajectory since. I will describe my earlier work in the 1970s and why I decided to be a faculty member. I will also talk about the exciting things I am working on now. No discussion of signal processing can ignore the impact of machine learning and AI on both research and teaching so you will hear my view of this. It has been a strange and wonderful journey. For example, I will describe the time I was in the middle of a jungle in Belize and ran into Al Bovik, Joe Havlicek, and Scott Acton. It cannot get any better than that!



Biosketch - Edward J. Delp was born in Cincinnati, Ohio. He is currently The Charles William Harrison Distinguished Professor of Electrical and Computer Engineering and Professor of Biomedical Engineering at Purdue University in West Lafayette, Indiana.

Dr. Delp is a Life Fellow of the IEEE, a Fellow of the ACM, a Fellow of the SPIE, a Fellow of the Society for Imaging Science and Technology (IS&T), and a Fellow of the American Institute of Medical and Biological Engineering. In 2025 he was elected a Fellow of the National Academy of Inventors. In 2004 Dr. Delp received the Claude Shannon-Harry Nyquist Technical Achievement Award from the IEEE Signal Processing Society and 2008 he received the Norbert Wiener Society Award from IEEE Signal Processing Society.