

“Security: Content Protection and Sensor Forensics”

Date/Time: Thursday, October 9, 2008, Noon-1:00pm
Place: SL 165 (723 West Michigan Street)
Speaker: Edward J. Delp

ABSTRACT

This talk will describe an overview of research done in the Video and Image Processing Laboratory. Projects that will be described include video compression, media indexing, multimedia security, language translation, mobile applications, and medical imaging.

BIOGRAPHICAL SUMMARY

Edward J. Delp was born in Cincinnati, Ohio. He received the B.S.E.E.(cum laude) and M.S. degrees from the University of Cincinnati, and the Ph.D. degree from Purdue University. In May 2002 he received an Honorary Doctor of Technology from the Tampere University of Technology in Tampere, Finland. From 1980-1984, Dr. Delp was with the Department of Electrical and Computer Engineering at The University of Michigan, Ann Arbor, Michigan. Since August 1984, he has been with the School of Electrical and Computer Engineering and the School of Biomedical Engineering at Purdue University, West Lafayette, Indiana. In 2002 he received a chaired professorship and currently is The Silicon Valley Professor of Electrical and Computer Engineering and Professor of Biomedical Engineering. In 2007 he received a Distinguished Professor appointment from the Academy of Finland as part of the Finland Distinguished Professor Program (FiDiPro). This appointment is at the Tampere International Center for Signal Processing at the Tampere University of Technology. His research interests include image and video compression, multimedia security, medical imaging, multimedia systems, communication and information theory. Dr. Delp has also consulted for various companies and government agencies in the areas of signal, image, and video processing, pattern recognition, and secure communications. He has published and presented more than 350 papers. Dr. Delp is a Fellow of the IEEE, 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 2004 he received the Technical Achievement Award from the IEEE Signal Processing Society for his work in image and video compression and multimedia security.