

Curriculum Vitae

Jean-Bernard Martens studied at the State University of Gent, Belgium, where he received the Electrical Engineering degree in 1979. In 1983 he obtained his Ph.D. degree on a thesis entitled Algorithms for the Calculation of Discrete Convolutions and Fourier Transformations. One of the papers resulting from his Ph.D. thesis received an IEEE paper award in the Area of Signal Processing in 1984. In the same year, he also joined the Institute for Perception Research (IPO) at Technische Universiteit Eindhoven, where he became an associate professor in the field of Visual Psychophysics in 1990. He has been the advisor for a number of Ph.D. projects on image quality, psychometrics, image processing and coding. He (co-)authored several papers on these subjects and received the 1997 EURASIP best paper award, together with his Ph.D. student A.M. van Dijk, for a paper entitled Image Representation and Compression with Steered Hermite Transforms. His book Image Technology Design – A Perceptual Approach marks the end of his research in visual psychophysics and was published by Kluwer Academic Publishers in 2003. He joined the department of Industrial Design in 2003, where he is now a full-time professor in the field of Visual Interaction. His current research focuses on developing and testing new augmented-reality interaction styles in which working with visual materials is an important component.

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