



The MindReflector Story

Dr. Thomas E. Fink and Tullio DeSantis met as undergraduates at Gettysburg College, in Pennsylvania, in the late 1960s. Fink was a psychology major and DeSantis, an interdisciplinary major, was a laboratory and research assistant for the Department of Physics. The relationships between psychology, philosophy, consciousness, and the cosmos were shared topics of late-night conversation. After college, Fink earned a PhD from Temple University, and DeSantis, an MFA from the San Francisco Art Institute.

Dr. Tom Fink operates Acorn Health Associates, in Harrisburg, PA and has been a PA-licensed psychologist since 1981. His areas of interest include the application of EEG Biofeedback techniques to a range of medical and psychological disorders, including chronic pain, traumatic brain injury, stroke, ADHD, as well as depression and anxiety-related conditions. Dr. Fink also remains interested in the philosophy of language and theoretical psychology.

Tullio DeSantis is an internationally exhibited and published multimedia artist, writer, and technologist. He publishes his ARTology blog and collaborates with a diverse group of artists and technologists. DeSantis is Adjunct Professor of Art and Humanities at Reading Area Community College. His work investigates patterns of intelligence.

In 2009 the two had occasion to reunite and discuss the cultural and scientific progress made in mathematics, physical science, and consciousness research in the intervening decades. Soon they began a systematic study of existing biofeedback and neurofeedback technologies, including clinical neurofeedback systems and the rapidly-developing field of brain/computer interface technology and personal-use EEG devices.

In 2011, Dr. Tom Fink and Tullio DeSantis created MindReflector Technologies, LLC to produce neurofeedback software and mind-training applications. Their first product, the MindReflector C-1 Neurofeedback Training System, utilizes low-cost EEG-headsets produced by NeuroSky, Inc. MindReflector software utilizes state-of-the art algorithms created by Dr. Fink to train the brain for optimal performance and functioning, using audio and visual cues. DeSantis manages MindReflector development and composed the audio track for MindReflector training. He is collaborating with contemporary artists and engineers to extend MindReflector technology and multimedia.

MindReflector Technologies, LLC is a member of the International Society of Neurofeedback and Research (iSNR). Dr. Fink was a presenter at the 2012 iSNR conference. His presentation was entitled, "The Enhancement of Neurofeedback with a Low Cost and Easy-To-Use NeuroSky EEG Biofeedback Training Device: The MindReflector Protocols."

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