

Tim Mullen**CEO & Research Director, Intheon**

Dr. Tim Mullen holds degrees in computer science and computational and cognitive neuroscience from UC Berkeley (B.A.s) and the UC San Diego Dept. of Cognitive Science (M.S. and Ph.D) and Institute for Neural Computation. At Xerox PARC he developed patented applications of wearable brain-computer interface (BCI) technology. He has over a decade of experience in the neurotechnology field, including advancing widely used software for neural signal analysis and state decoding, and leading high-profile mobile brain imaging projects such as the “Glass Brain”. Prior academic awards included the UCSD Chancellor’s Dissertation Medal, IEEE best paper awards, Glushko, San Diego, and Swartz Fellowships, and UC Berkeley highest honors. His scientific publications focus on the use of machine learning and adaptive system identification techniques applied to non-invasive and intracranial electrophysiological data (e.g. EEG, ECoG), to detect mental states and neuronal pathologies. He is a frequent speaker at international conferences and workshops, and his work has been highlighted in numerous print and TV media including BBC World, Discovery Science, and Wired, and before the US Congress. He is also a musician and artist whose work in audiovisual new media, exploring real-time interactions between the brain and body and external environments, has been presented nationally and internationally. He is founding director of the annual Mozart & the Mind festival with Mainly Mozart, a series of concerts, presentations, and interactive media and neurotechnology exhibitions exploring the impact of music on our brains, health, and lives.