TWIST Talk

TWIST Talk: Closed-loop non-invasive brain stimulation

Tamara Gerbert

Host: Bernhard Petermeier

Abstract

How do you go from being a scientist to founding your own venture – where do you even start? Tamara Gerbert guides you through her own journey from researching the effect of non-invasive brain stimulation in the Bay Area to building the Neurotech start-up Brightmind.AI. The talk will move through some key considerations to make at the very beginning to assess whether your first ideas could become a successful start-up, things to look out for in a co-founder and then briefly introduce specific aspects to look out for in the MedTech space. Thereafter, Brightmind.AI’s technology of closed-loop (recording brain activity) and synchronising transcranial magnetic stimulation to brain wave oscillations in real time will be introduced. Focus will be on Tamara Gerbert’s personal learnings as a co-founder and hands-on advice to choosing an entrepreneurial path.

Bio

Tamara Gerbert is a neuroscientist with a strong focus on cognitive neuroscience and the use of artificial intelligence to decode neural data. She completed her bachelor’s degree at King’s College London, where she received a scholarship for University of California, Berkeley and her Masters in Neurotechnology at Imperial College London. Tamara Gerbert conducted research in 4 leading research laboratories worldwide focussing on closed-loop non-invasive brain stimulation and AI interpretability. She then went on to work as an Artificial Intelligence Engineer for 2 years in a Biotech start-up before starting her own venture Brightmind.AI with her co-founder Florian Lerchbammer-Kreith. Brightmind.AI develops cutting-edge personalised neuromodulation technologies to solve the greatest challenges to brain health.