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## MedTech Day 2023

An integrated approach for  
future-proof healthcare



### **Emma Moonen, PhD candidate**

Emma Moonen received her B.Sc. (2017) and M.Sc. (2019) in Mechanical Engineering from Eindhoven University of Technology. During her master she spend several months at the University of Cambridge where she studied the fabrication of flexible transparent electrodes for simultaneous electrophysiology and advanced optical microscopy. Her master thesis research performed in the Microsystems group of Prof. Jaap den Toonder was focused on the design, fabrication and testing of Point-of-Care technology. Currently, Emma is a PhD candidate in the Microsystems group led by Prof. Jaap den Toonder. She works in a multidisciplinary project called Sentinel, which aims to develop a hybrid patch for monitoring patients by measuring biomarkers in sweat.