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MedTech Day 2023

An integrated approach for
future-proof healthcare



Prof.dr. Arthur Bouwman
September 22, 2023

INAUGURAL LECTURE

Meten, weten en de werkelijkheid!

DEPARTMENT OF ELECTRICAL ENGINEERING



Prof.dr. Arthur Bouwman

Arthur Bouwman (1976) obtained his medical degree in 2001 at the University of Groningen. In 2006, he obtained his PhD-degree cum laude on the subject: "Volatile Anesthetics and the Heart. Mechanisms of Sevoflurane-induced Cardio protection" at the anesthesiology department of the VU University Medical Center in Amsterdam. He completed his training as an anesthesiologist in 2010, after which he worked as an anesthesiologist at the VU University Medical Center. He specialized in cardiac anesthesiology and focused on research and training. In 2013, he continued his career at the Catharina Hospital in Eindhoven. There he combines his clinical work with research at the Eindhoven MedTech Innovation Center (e/MTIC). He has a strong background in cardiovascular patient monitoring and clinical decision support in perioperative care. In his research he focuses on new sensor technology, predictive patient-specific decision support systems, implementation of clinical workflows and value-driven optimization of healthcare.

¹⁾ e/MTIC is a partnership in the Brainport region between Eindhoven University of Technology (TU/e), Philips Eindhoven and three hospitals (Catharina Hospital, Kempenhaeghe Epilepsy and Sleep Center and Maxima Medical Center).