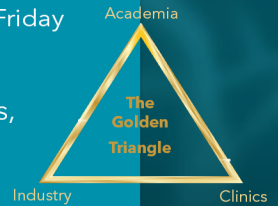


TU/e MedTech Day

The Golden Triangle

Blauwe zaal, Auditorium, Eindhoven University of Technology, Friday
June 3rd 2022

Preceding the inaugural lecture of prof.dr.ir. M.M. Paulides, you are cordially invited to attend the TU/e MedTech Day "The Golden Triangle".



PROGRAM

9:00 Doors open - coffee and tea

9:30 Opening and welcome
ir. Carmen van Vilsteren, e/MTIC, Eindhoven

9.45-11.00 **Session 1: Neurology - 'Cooperation? A no-brainer!'**
Moderators: prof. dr. Bert Aldenkamp (TU/e) & dr. ir. Rob Mestrom (TU/e)
From the foundations of brain and mind to computational models and neurotechnology
prof. dr. Cyriel Pennartz, Amsterdam UMC, Amsterdam
Biomarkers for VNS response: the value of translational research
prof. dr. Evelien Carrette, UZGhent, Ghent
Development of active implantable medical devices for patients with neurological disorders - Preclinical science, product for patient and bringing to market
dr. ir. Jurriaan Bakker, INNERVIA Bioelectronics, Barcelona

11.00-11.15 Coffee-break

11.15-12.30 **Session 2: e/MTIC - 'In a heart beat'**
Moderators: ir. Carmen van Vilsteren (e/MTIC) & dr. ir. Pieter Harpe (TU/e)
Let's beat it: from bench to bedside
dr. ir. Marcel van 't Veer, TU/e & Catharina Hospital, Eindhoven
If your heart beats faster
dr. ir. Carola van Pul, Maxima Medical Center, Veldhoven
At the heart of clinical innovation
dr. ir. Rick Bezemer, Philips, Eindhoven

12.30-13.30 Lunch (incl. Poster session)

13.30-14.45 **Session 3: Oncology - 'Sense and vision'**
Moderators: prof. dr. Gerard van Rhoon (ErasmusMC) & dr. ir. Fons van der Sommen (TU/e)
Multiparametric ultrasound and machine learning in cancer diagnostics
prof. dr. ir. Massimo Mischi, TU/e, Eindhoven
Development of personalized brachytherapy applicators for cervical cancer: challenges and opportunities
prof. dr. Remi Nout, Erasmus MC, Rotterdam
Companies and clinical research: a marriage of love?
ir. Paul van den Biggelaar, Sensius Thermotherapy, Rotterdam

14.45 Wrap-up

15.00 Welcome to Guest for the Inaugural Lecture

16.00 Inaugural Lecture Prof. dr. ir. M.M. (Maarten) Paulides

For questions and registration, please contact C3Te (C3Te@tue.nl)

