

TU/e MedTech Day

The Golden Triangle

Blauwe Zaal, Auditorium, Eindhoven University of Technology
Friday, June 3, 2022

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

PROGRAM

- 9:00** Doors Open - Coffee & 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)
- Biomarkers for VNS response: the value of translational research**
prof.dr. Evelien Carrette (UZ Ghent, Ghent, Belgium)
- 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, Spain)
- 11:00-11:15** Coffee-break

Please turn over

- 11:15-12:30** Session 2: e/MITC – ‘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 het Veer (TU/e, Catharina Hospital)
- If your heart beats faster**
dr.ir. Carola van Pul (Máxima Medical Center, TU/e)
- At the heart of clinical innovation**
prof.dr. Rick Bezemer (Philips, TU/e)
- 12:30-13:30** Lunch (incl. poster session)
- 13:30-14:45** Session 3: Oncology – ‘Sense and vision’
Moderators: *prof.dr.ir. Gerard van Rhoon (Erasmus MC) & dr.ir. Fons van der Sommen (TU/e)*
- Multiparametric ultrasound and machine learning in cancer diagnostics**
prof.dr.ir. Massimo Mischi (TU/e)
- Development of personalized brachytherapy applicators for cervical cancer: challenges and opportunities**
prof.dr. Remi Nout (Erasmus MC)
- Companies and clinical research: a marriage of love?**
ir. Paul van de Biggelaar (Sensius Thermotherapy)
- 14:45** Wrap-up
- 15:00** Welcome to guest for the Inaugural Lecture
- 16:00** Inaugural Lecture *prof.dr.ir. M.M. (Maarten) Paulides*
- 17:00** Reception

