



## Spring meeting 2023

### Dutch Society of Medical Ultrasound

**Date:** April 19, 2023  
**Time:** 12.00 – 17.30 hours  
**Location:** Eindhoven University of Technology, Corona-zaal, Luna Building  
The Corona-zaal is located in Luna (Building 31),  
<https://www.tue.nl/en/our-university/tue-campus>

- 10.30 – 12.00** NVMU Board meeting (Board members only, TU/e Atlas 8.208)
- 12.00 – 13.00** Lunch (Hubble Café, Luna building, TU/e)
- 13.00 – 13.05** Richard Lopata (TU/e, PULS/e)  
“Opening”
- 13.05 – 13.10** Chris de Korte (Radboudumc, MUSIC)  
“Update from the board”
- 13.10 – 13.40** Hans-Martin Schwab (TU/e, PULS/e)  
“Coherent multi-aperture ultrasound imaging”
- 13.40 – 14.00** Anton Nikolaev (ErasmusMC)  
“Pre-transplantation kidney quality evaluation during normothermic machine perfusion using photoacoustic imaging”
- 14.00 – 14.20** Janna Ruisch (Radboudumc, MUSIC)  
“Personalized risk assessment of carotid artery stenosis by ultrafast ultrasound flow imaging”
- 14.20 – 14.40** Amir Gholampour (TU/e, PULS/e)  
“Encoded multi-perspective photoacoustic imaging using CMUTs for carotid plaque”
- 14.40 – 15.10** Coffee break @ Hubble Café
- 15.10 – 15.30** Sabiju Valappil (TUD)  
“Optomechanical ultrasound sensor for accurate localization of the Bragg peak in proton therapy”
- 15.30 – 15.50** Beatrice Federici (TU/e, BM/d)  
“Feasibility of real-time cloud-based ultrasound image formation”
- 15.50 – 16.10** Floor Fasen (TUE, PULS/e Lab)  
“Intravascular Ultrasound to Obtain Wall Thickness of Abdominal Aortic Aneurysms”
- 16.10 – 16.30** Bram Meijlink (ErasmusMC)  
“Investigating ultrasound and microbubble-mediated vascular permeability increase in a vessel-on-a-chip model”
- 16.30 – 17.30** Drinks @ Hubble Café