



Spring meeting 2022 Dutch Society of Medical Ultrasound

Date: June 29, 2022
Time: 12.00 – 17.30 hours
Location: ErasmusMC Rotterdam, room 22 (Ff-311), Education Center.

- 10.00 – 12.00** NVMU Board meeting (Board members only)
- 12.00 – 13.00** Lunch
- 13.00 – 13.05** **Hans Bosch (ErasmusMC)**
"Opening"
- 13.05 – 13.10** **Chris de Korte (Radboudumc)**
"Announcement from the Board"
- 13.10 – 13.30** **Lucy Wei (ErasmusMC)**
"Volumetric contrast-enhanced imaging with sparse spiral arrays. "
- 13.30 – 13.50** **Paul van Neer (TNO-Holst Center)**
"Fully flexible ultrasound transducer arrays scalable to large areas: status update"
- 13.50 – 14.10** **Antonio Lopez Marin (ErasmusMC)**
"Intravascular ultrasound and photoacoustic imaging of coronary atherosclerosis"
- 14.10 – 14.30** **Joop Kouijzer (ErasmusMC)**
"Pacemaker- and ICD lead infections: patient material characterization and in vitro model development for targeted microbubble therapy."
- 14.30 - 15.00** Coffee break
- 15.00 – 15.20** **Shreya Das (Radboudumc)**
"3D strain imaging of the Puborectal Muscle before and after pessary placement"
- 15.20 - 15.40** **Xufei Chen (TU/e - BM/d)**
"Shear-Wave Particle-Velocity Estimation and Enhancement Using a Multi-Resolution Convolutional Neural Network"
- 15.40 – 16.00** **Jorinde Kortebout (ErasmusMC)**
"High frame rate ultrasound to measure neonatal brain perfusion"
- 16.00 - 16.20** **Chuan Chen (TU/e - BM/d)**
"Pharmacokinetic modeling of free and PSMA-targeted nanobubbles for cancer diagnostics"
- 16.20 – 17.30** **Gijs van Soest (ErasmusMC)**
Tour New Photoacoustics/Optics Lab and Drinks (Building Ee, 19th floor)