

Programme

Chairman
Chris de Korte, PhD
President Dutch Society for Medical Ultrasound (NVMU)
MUSIC- Department of Radiology and Nuclear Medicine
Radboud University Medical Center, Nijmegen

Chairman
Prof. Michel Versluis, PhD
Professor Physical and Medical Acoustics Physics of Fluids
group
MIRA Institute for Biomedical Technology and technical
Medicine
MESA+ Institute for Nanotechnology
University of Twente

10.00-10.30	Arrival	
10:30-10:35	Opening	Chris de Korte, PhD
10.35-11.00	“Microbubbles and microdroplets for medical ultrasound”	Prof. Michel Versluis, PhD
11.00-11.20	“Nanoparticles for multimodality imaging”	Mangala Srinivas, PhD Assistant Professor Research Institute for Molecular Life Sciences Radboud University Medical Center, Nijmegen
11:20-11:40	“Innovation in aortoiliac stenting, how should we utilize Ultrasound techniques towards in vivo comparison?”	Erik Groot Jebbink, MSc. Technical Physician, Technical Medicine, University of Twente PhD student, Department of Vascular Surgery, Rijnstate Hospital, Arnhem
11:40-12.00	“StemBells: localized stem cell delivery using microbubbles and acoustic radiation force”	Tom Kokhuis, MSc. PhD student, Biomedical Engineering ErasmusMC, Rotterdam
12.00-13.00	Lunch	
13.00-13.25	“Functional imaging with ultrasound”	Chris de Korte, PhD
13.25-13.50	“Photo acoustic imaging of the breast “	Prof. Wiendelt Steenbergen, PhD Full Professor Biomedical Photonic Imaging MIRA Institute for Biomedical Technology and Technical Medicine, University of Twente
13.50-14.10	“High Intensity Focused Ultrasound (HIFU) ablation in the treatment of breast lesions ”	Mirjam Peek Student Technical Medicine University of Twente
14.10-14.30	“Atherosclerotic carotid lumen segmentation in combined B-mode and contrast enhanced ultrasound images”	Zeynettin Akkus, MSc PhD student, Biomedical Engineering ErasmusMC, Rotterdam
14.30-15.00	Coffee and tea break	
15.00-15.25	“Cardiac Ultrasound Imaging”	Rob Lindeman, MD Anesthesiologist Dept. of anesthesiology, Medisch Spectrum Twente
15.25-15.50	“Automated 3D breast imaging”	Ritse Mann, MD, PhD Radiologist Department of Radiology and Nuclear Medicine Radboud University Medical Centre
15.50-16.10	“3D/4D ultrasound imaging of the pelvic floor – muscle echogenicity“	Anique Grob, MSc. Technical Physician, Technical Medicine, University of Twente PhD student, department of gynaecology, UMCU
16.10-16.30	“Feasibility of dispersion imaging of the prostate using 4D contrast-enhanced US”	Stefan Schalk, MSc PhD student, Biomedical Diagnostics Eindhoven University of Technology
16.30-16.40	Closing remarks and drinks	Prof. Michel Versluis, PhD

Registration

Participation is free of charge. For registration, please visit the website:

www.cmi-nen.nl/business