



## Spring meeting 2015 Dutch Society of Medical Ultrasound

**Date:** 22nd. April 2015  
**Time:** 12.30 – 18.30 hours  
**Location:** Technical University Eindhoven  
Institute for Complex Medical Systems, De Zaale, 5612 AJ Eindhoven  
building 7, CERES  
**Conferenceroom:** CE0.31

<https://www.tue.nl/en/research/research-institutes/top-research-groups/institute-for-complex-molecular-systems/about/contact-information/route-and-map-for-icms/>

- 12.30 uur**      **Lunch buffet in restroom Gemini-South**
- 13.15 uur**      Opening and board announcements by Chris de Korte (Radboudumc, Nijmegen)  
**13.25 uur**      Intro scientific session by Richard Lopata (TU Eindhoven)  
**13.35 uur**      Maarten Heres (photoacoustic, perfusion, TU Eindhoven)  
*In vitro and in vivo dynamic blood volume assessment using photoacoustics*
- 13.55 uur**      Inés Beekers (Delft University of Technology)  
*Modeling the amount of backscattered pressure from the collection of red blood cells in a vessel*
- 14.15 uur**      Emiel van Disseldorp (US-based FEM, TU Eindhoven)  
*3D and 4D ultrasound for mechanical characterization of abdominal aortic aneurysms*
- 14.35 uur**      **Short Break**
- 15.15 uur**      Niels Petterson (Cardiac strain, TU Eindhoven)  
*Ex-vivo semi-3D cardiac strain imaging of the supported heart*
- 15.35 uur**      Joris Van Cauwenberge (Ghent University, Belgium)  
*High-frame rate, 2D velocity imaging for neonatal cardiac applications*
- 15.55 uur**      Ruud van Sloun (TU Eindhoven)  
*Ultrasound Coefficient of Nonlinearity Imaging*
- 16.15 uur**      Jovana Janjic (Delft University of Technology)  
*Dicing effect on element vibration in ultrasound transducers*
- 16.35 uur**      **Opening of the new US lab with drinks**
- 17.30 uur**      **Diner buffet for NVMU members**