

January 31th (RM), february 2th (MS) and february 3th (R&I), first year master students will conclude the case with a presentation of the results. For details, check the program below. Abstracts of the presentations can be found:

[Here](#)

Program Track Reconstructive Medicine (NH115), January 31th

Ochtend	Maaïke Braham	Knee problems in the long-term due to Non-Hodgkin Lymphoma treatment: determining the causes, appropriate treatments and promising future treatments
	Koen Dijkstra	

Program Track Medical Signaling (NH115), February 2th

10.30-11.00	Gerrit Jan Snel Michelle Vos Marit Sanders	Existing and non-existing techniques for researching cerebral sympathetic neuronal activity
11.00-11.30	Claire Cox Corine Janssen	Overcoming the problem of intrinsic vasoconstriction in patients with a subarachnoid hemorrhage after treatment with noradrenaline by giving regionally adenosine
11.20-12.00	Robert Helling Marjanne Piena Marjolein Admiraal	Measuring sympathetic brain activity and its effects on the cerebral circulation
12.00-12.30	Jos Thannhauser Peter Somhorst Lisanne Jansen Holleboom	20-HETE and cerebral vascular resistance as indication of cerebral vasospasms

Program Track Robotics& Imaging (NH115), February 3th

8.45- 9.10	Leon de Jong Frank Vos Sygriet Rinsma Mirjam Peek	Ex vivo study of thermal effects when freezing and heating with IceRod® cryoprobes is performed simultaneously
9.10-9.35	Ilse Kant Roos Blankena Dhabia Al Samarraï Jordy van Zandwijk	Controlling transport systems to deliver medication in MR guided focused ultrasound treatment
9.35-10.00	Feike de Graaff Colien Hazelaar Marit Lucas Juliette Velu	Cryoablation: Formation of the iceball using bubble-packing in combination with Multispectral MRI
10.00-10.25	Thomas van Steenbergem Roelant Eijgelaar Lidy Kuster David Meijer	Sub-zero MRI temperature mapping for cryo-ablation monitoring – a review
10.25- 10.50	Marije Kamphuis Jorn Beukinga Lex van Rossum Harm Weekenstro	Improving efficiency of Magnetic Resonance guided Focussed Ultrasonic Surgery (MRgFUS) by adding gold nano particles
10.50-11.15	Laura Peeters Stefan Hummelink Marleen Vonder	Influence of AFP on the iceformation and procedure in cryosurgery of adenocarcinoma
11.15- 11.40	Jorrit Boersen Maaïke Koenrades Patriek Jurrius Bram Schermers	Improving MRgFUS with Nanodroplet vaporization: possibility or pitfall?
11.40- 12.05	Sanne van Dijk Danielle Koopman Lianne Schol	Using tumor classification as a parameter to improve MRgFUS
12.05-12.30	Erwin Krikken Bart Cornelissen Richte Schuurman Linda Heskamp	How can superparamagnetic iron-oxide nanoparticles (SPION's) be used for motion tracking to correct the high intensity focused ultrasound (HIFU) beam position in real time during ablation of prostate cancer with Magnetic Resonance guided Focused Ultrasound (MRgFUS)?