



**Joint MR meeting between
ISMRM & SMRT Nordic Chapter and DSMMR
October 22-23, 2019
Rigshospitalet, Copenhagen**



**Theme:
Recent advances in MR technology
– ready for clinical use?**



Tuesday - 22.10.2019

11.00 Registration

Session 1 - Oncology - MRI in combination with other modalities

Chairs: Tone Frost Bathan, Norwegian Univ. of Science and Technology (NTNU), Trondheim, NO; Dora Grauballe, Århus University Hospital, Århus, DEN

12.00 Welcome - Hartwig Siebner, Danish Research Centre for Magnetic Resonance (DRCMR), Copenhagen University Hospital Hvidovre, Hvidovre, *DEN*

12.05 Five poster Pitches

12.15 Vendor presentation Clinical Scientist and MR physicist Karen Kettless, Siemens Healthineers

12.25 Whole-body MRI in oncology - clinical studies (Speaker: Erik Morre Pedersen, Århus University Hospital, Århus, *DEN*)

12.50 Applications of PET-MRI in the management of brain tumors (Speaker: Live Eikenes, Dept. of Circulation & Medical Imaging, NTNU, Trondheim, *NOR*)

13.15 Hybrid PET/MR in clinical brain imaging - opportunities, challenges and experiences. (Speaker: Otto M. Henriksen. MD, PhD, Consultant, Section of PET, Dept. of Clin. Physiology, Nuclear Medicine & PET, Rigshospitalet, Copenhagen, *DEN*)

13.40 MR-linac – Potential and challenges for radiation oncology

(Speaker: Faisal Mahmood, Odense University Hospital, Odense, *DEN*)

14.05 Free presentation (selected from abstracts)

14.15 Free presentation (selected from abstracts)

14.25 Break

Session 2 - Progress in molecular imaging – ready for clinical use in patients?

Chair: Karin Markenroth Bloch, Skåne University Hospital, Lund, SWE; Esben Petersen, DRCMR, Copenhagen University Hospital Hvidovre, Hvidovre / DTU-Health, Kgs.Lyngby, DEN

15.00 Five poster Pitches

15.10 Vendor presentation Nordic clinical science manager for MR Daniel Alamidi, Philips Healthcare

15:20 CEST imaging as a clinical tool – potentials and pitfalls: (Speaker: Peter van Zijl, John Hopkins University School of Medicine, Baltimore, *USA*)

15:45 MR-Spectroscopy at 7 tesla: What do we gain? Does it assist clinical decision making? (Speaker: Anouk Marsman, DRCMR, Copenhagen University Hospital Hvidovre, Hvidovre, *DEN*)

16:10 Merging diffusion and spectroscopic MR imaging: What's in it for the patient? (Speaker: Henrik Lundell, DRCMR, Copenhagen University Hospital Hvidovre, Hvidovre, *DEN*)

16:35 Pushing the frontiers in hyperpolarized MR-spectroscopic imaging: ready for clinical use

(Speaker: Christoffer Laustsen, Århus University Hospital, Århus, *DEN*)

17.10 Free presentation (selected from abstracts)

17.20 Free presentation (selected from abstracts)

17.30 End of scientific program

19.00 Dinner - Restaurant "No.2", Nicolai Eigtveds Gade 32, 1402 Kbh

Wednesday - 23.10.2019

8.30 Coffee

Session 3 - New frontiers in diffusion MRI – what's in it for patients?

*(Chair: Renate Gruner, Institute for Physics & Technology, Bergen University, Bergen, NOR;
Timo Liimatainen, University of Kuopio, Kuopio, FIN)*

9.00 Five poster Pitches

9.10 Vendor presentation Product specialist MR, Kasper Larsen, GE Healthcare

9.20 Diffusion MRI – Advances in neuroimaging of Multiple Sclerosis

(Speaker: Tim Dyrby, DRCMR, Copenhagen University Hospital Hvidovre, Hvidovre / DTU-Compute, Kgs.Lyngby, *DEN*)

9.40 Microstructural Imaging of Brain Tumors with Multidimensional

Diffusion MRI (Speaker: Markus Nilsson, Skåne University Hospital, Lund, *SWE*)

10.00 Multiscale imaging of the brain

(Speaker: Sierra Lopez, A.I. Virtanen Institute, University of Eastern Finland, Kuopio, *FIN*)

10.20 Mean kurtosis tensor MRI after traumatic brain injury study (Erhard

Næss-Schmidt, Aarhus University Hospital, Aarhus, *DEN*)

10.40 Free presentation (selected from abstracts)

10.50 Free presentation (selected from abstracts)

11.00 Pause

Session 4 – Play it safe – educational and procedural challenges of MR safety

(Chairs and moderators: Helle Juhl Simonsen, Rigshospitalet, Copenhagen, Hartwig Roman Siebner, DRCMR, Hvidovre Hospital, Denmark)

11.40 Five poster Pitches

Intro talks - MR safety

12.00 Safety organization, Anne Dorte Blankholm, Aarhus University Hospital, Aarhus, *DEN*

12.10 Pacemaker and MRI, Einar Hopp, Oslo University Hospital, Oslo, *NOR*

12.20 Regulatory aspects, Lars Hanson, DTU-Health, Kgs. Lyngby/ / DRCMR, Copenhagen University Hospital Hvidovre, Hvidovre, *DEN*

The program continues on the next page

12.30 Panel discussion

Panel members discuss the challenges to secure safety for patients and staff in clinics and research after each member has given a five minute “pitch” covering a specific aspect of the “safety problem”

Radiographers

Anne Dorte Blankholm, Aarhus University Hospital, Aarhus, DEN

Anders Høye Tomterstad, Oslo University Hospital, Oslo, NOR

Physicists

Eveliina Lammentausta, Dept. of Radiology, Oulu University Hospital, Oulu, FIN

Lars Hanson, DTU-Health, Kgs. Lyngby / DRCMR, Copenhagen University Hospital

Hvidovre, Hvidovre, DEN

Johan Olsrud, Skåne University Hospital, Kristianstad, SWE

Physicians

Einar Hopp, Oslo University Hospital, Oslo, NOR

Jonathan Carlsen, Rigshospitalet, Copenhagen, DEN

Isabella Björkman-Burtscher, Sahlgrenska Academy, Göteborg University, SWE

13.30 Farewell

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Course fee

Member of ISMRM & SMRT Nordic Chapter and/ or member of Dansk Selskab for Medicinsk Magnetisk Resonans (DSMMR):	Euro 280,-
Member of ISMRM or SMRT:	Euro 310,-
Non ISMRM Nordic Chapter/ DSMMR/ ISMRM/ SMRT member	Euro 350,-
PhD students with a submitted abstract (<i>see separate invitation</i>)	Euro 250,-

Course fee is in Euro

Course fee includes in addition to the two day course, meals during the course and the congress dinner October 22th. The congress dinner will be held on Restaurant No2, Nicolai Eigtvedsgade 32, Christianshavn See: www.nummer2.dk or facebook.com/no.2

Registration deadline is September 15th 2020. Maximum number of participants is 100; for registration follow the link: <https://drcmrworkshop.easysignup.com/3/>. If you have problem with your registration, please send an email to the course secretary Susanne Steffensen, email: susanne.steffensen@regionh.dk, include full name, institution and member status in the email. Susanne will then respond with payment information.



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