

NORWEGIAN/7T MR/CENTER

NEWSLETTER August 2019

CORE STAFF APPOINTED

We are proud to present the following core staff at the center, all starting up from Sept 1st 2019:

Desmond Tse – Staff Scientist

Desmond has a PhD in Physics and has been working with Ultra High Field (7T and above) MRI scanners since 2011. He has experience in sequence programming, B1 mapping and inhomogeneity mitigation with parallel transmission, and B0 shimming. Desmond will be the main consultant for research protocols and technical development.



Knut Nordlid – Radiographer

Knut was educated as a radiographer in 1983. From 1989 he has been working as an MRI radiographer at St.Olavs Hospital as well as a period at a private imaging center in Trondheim. He has experience from most kind of MRI examinations and techniques. Knut will be our main pilot on the scanner.



Maria Tunset Grinde – Medical Physicist

Maria has a PhD in Medical Technology, specializing in MR spectroscopy techniques for cancer diagnosis. She has experience both as researcher in the MR Cancer group at NTNU and as medical physicist in MRI and PET at the University hospital of North Norway. Maria will be the main consultant for clinical protocols and for safety issues.



DSA APPROVAL GRANTED

NTNU has obtained approval from Direktoratet for Strålevern og Atomsikkerhet (DSA) for performing in-vivo MR scanning at 7T. All other regulatory issues are also sorted out, so we are GO for patient and volunteer scanning.

CONSTRUCTION PROJECT ON SCHEDULE

St.Olav Eiendom is responsible for the construction work required as part of the 7T scanner installation. First week of August all involved parties met to evaluate the progress, and everything is on track.



From September 17th there will be a 17-ton MR scanner standing in this spot. From left: Bjarte Snekvik, Roar Sunde and Knut Nordlid (all St.Olav), Pål Erik Goa (NTNU), Renate Hansen (St.Olav Eiendom). Photo: Kristina Jones.

TRIAL PERIOD INVITATION TO USERS

From November 25th this year there will be a 6 months trial period. During this time, we want as many users as possible to come visit the 7T Center and see what the new scanner can be used for, free of charge. We are approved to perform in-vivo scanning for purposes of piloting and protocol optimization. All dedicated research projects must have additional REK approval. Please contact us for more information and booking of your time slot!

MILESTONES

September 17 th 2019:	Magnet lift-in.
November 25 th 2019:	Start Trial Period.
May 25 th 2020:	Start Normal Operation.

CONTACT

To learn more about us, please contact Pål Erik Goa on pal.e.goa@ntnu.no or visit our website www.ntnu.edu/mh/7tmr