



Program

1st Danish National 7 Tesla MR Project Symposium 16th of April 2018

Venue: Auditorium 1, Copenhagen University Hospital Hvidovre, Kettegård Allé 30, Hvidovre

9:30-10:00	Registration, Coffee	
10:00-12:00	Session 1, Moderators: Hartwig Siebner, Jørgen Frøkiær	
10:00	Welcome	Hartwig Siebner, Prof., Head of Danish Research Centre for Magnetic Resonance
10:10	The past, present and future of ultra-high field MRI	Peter Luijten, Prof., Director, Imaging Division, University Medical Center Utrecht
10:55	The role of ultra-high field MRI in Neurodegenerative disease	Emrah Düzel, Prof., Director, Institute of Cognitive Neurology and Dementia Research, University Hospital Magdeburg
11:40	Research activities at the Swedish 7T facility	Karin Markenroth Bloch, Site coordinator, Swedish 7T facility, Lund
12:00-13:00	Lunch	
13:00-15:00	Session 2, Moderators: Vincent Boer, Lars Hanson	
13:00	Technical challenges and solutions for ultra-high field MRI	Klaas Prüssmann, Prof., Institute for Biomedical Engineering, ETH and University of Zurich
13:45	Diffusion weighted spectroscopy	Henrik Lundell, Danish Research Centre for Magnetic Resonance, Hvidovre Hospital
14:00	Technical developments at 7T	Vincent Boer, Danish Research Centre for Magnetic Resonance, Hvidovre Hospital
14:15	Fast Zoomed QSM of the Human Midbrain at 7T	Kyungmin Nam, Danish Research Centre for Magnetic Resonance, Korea Basic Science Institute, South Korea
14:30	The impact of multimodal 7T MRI in presurgical evaluation of patients with severe epilepsy	Giske Opheim, Neurobiology Research Unit, Rigshospitalet, Copenhagen
14:45-15:15	Coffee break	
15:15-17:00	Session 3, Moderators: Esben Thade Petersen, Olaf Paulson	
15:15	New neuroscience directions using functional MRI at ultra-high field	Peter Bandettini, Director, Functional Magnetic Resonance Imaging Core Facility, NIH, Bethesda, USA
16:00	Magnetic resonance spectroscopy in neuroscientific applications	Anouk Marsman, Danish Research Centre for Magnetic Resonance, Hvidovre Hospital
16:15	Effects of sildenafil and calcitonin gene-related peptide (CGRP) on brainstem glutamate levels and intradural arteries	Samaira Younis and Casper Christensen, Human Migraine Research Unit, Rigshospitalet, Glostrup
16:30	The Lifespan study: Investigating the interplay between brain and body metabolite changes during ageing	Anna Lind Hansen, Danish Research Centre for Magnetic Resonance, Hvidovre Hospital
16:45	Closing remarks: Esben Thade Petersen	
17:05-17:50	Site tour for people interested: Anouk Marsman	