



DANISH RESEARCH
CENTRE FOR
MAGNETIC RESONANCE

Postdoctoral/Research fellow position in advanced 7T MRI and MRS neuroscience applications.

If you are a team-oriented MR researcher eager to unleash the full potentials of human 7T ultra-high field MRI and MRS through novel software and hardware solutions, then you might be the person we are looking for!

A 5-year Postdoctoral or Research Fellow position in advanced 7T MRI/MRS applications.

As a researcher at the **Danish Research Centre for Magnetic Resonance (DRCMR)** you will support new and ongoing 7T studies and have the freedom to develop novel MRI/MRS sequences, hardware and processing methods primarily targeting neuroscientific applications.

You will be working closely with a multidisciplinary team of engineers, physicists, biomedical and clinical experts, who are developing and applying exciting and cutting-edge microstructural and X-nuclei imaging techniques for our Philips 7T research only system. You will be part of the Ultra-high field MR group (www.drcmr.dk/7t).

DRCMR is one of the leading research centers for biomedical MRI in Europe (www.drcmr.dk). Our interdisciplinary research is geared to triangulate between MR physics, basic physiology, and clinical research. Approximately 70 researchers from a diverse range of disciplines work together to pursue basic and clinically applied MR research with a focus on structural, functional, and metabolic MRI of the human brain and its disorders. Collaboration is key at DRCMR – we do not expect any researcher to be able to do everything alone, but we expect everyone to be interested in sharing knowledge with colleagues.

The DRCMR is embedded in the Center for Functional and Diagnostic Imaging and Research, a large diagnostic imaging department at **Copenhagen University Hospital Hvidovre**. DRCMR has close interaction with clinicians and radiologists and a state-of-the-art MR-research infrastructure, which includes a pre-clinical 7T MR scanner, six whole-body MR scanners (one 7T, four 3T and one 1.5T scanners), a hardware workshop and laboratory, a neuropsychology laboratory, an EEG laboratory, and two laboratories for non-invasive brain stimulation. The 7T is a national research infrastructure, serving internal and external users across Denmark.

A detailed description of the position and link to the application form can be found on the link below:



<https://candidate.hr-manager.net/ApplicationInit.aspx?cid=342&ProjectId=256117&DepartmentId=18051&MediaId=5710>

For further information regarding the position, please contact Associate Professor Henrik Lundell, email: lundell@drcmr.dk or research fellow Vanessa Wiggermann, email: vanessaw@drcmr.dk. **Application deadline:** June 7th, 2024 at 23:59 (CET).