

Sune Nørhøj Jespersen, Dr.Med.Sci, phd, cand.scient.

EMPLOYMENT

2017- Professor jointly at the Center for Functionally Integrative Neuroscience (CFIN), and the Department of Physics and Astronomy, Aarhus University (AU).

2012-2017 Associate professor CFIN and Dep. of Physics and Astronomy, AU

2007-2012 Associate professor at CFIN, AU.

2005-2007 Assistant professor at CFIN, AU.

2003-2005 Assistant professor at the MR-Research Center, AU.

2001-2003 Post-doc at the Physics Department at Simon Fraser University, BC, Canada.

EDUCATION

2015 Doctor of Medicine, (higher doctorate degree), AU.

2013 EMBO Laboratory Course for Independent Group Leaders.

2007 Course in University teaching (Kursus i Universitetspædagogik for adjunkter og vejledere).

2001 Phd-degree in theoretical statistical physics, AU.

1999 Masters degree in Physics and Mathematics, AU.

RESEARCH STAYS ABROAD

2005 Research Stay at Washington University Medical School, Saint Louis, MO, USA.

2000 8 months at the Department of Physics, Freiburg Universität (Germany).

RESEARCH AND TEACHING

45 publications in international peer-reviewed journals, 24+ peer-reviewed conference contributions, one popular science publication.

Awards: First place poster award 2009, second place poster award 2008 (annual meeting of the International Society for Magnetic Resonance in Medicine).

Patents: 'System for assessing tissue substance extraction', 'Ultrasonic system for assessing tissue substance extraction', and 'A method for determining a kurtosis related diffusion metric'.

Teaching MR Physics at masters level at the School of Engineering and in Beijing for Sino-Danish Center; Neurophysics at Department of Physics and Astronomy, Science and Technology, AU. Currently supervising 1 post-doc, 3 PhD students, 1 Master's student, 2 bachelor students. Total 7 PhD students, 10 Master's students, 8 bachelor students.

ACADEMIC TASKS

Editorial: Academic Editor of PLOS ONE.

Organizer: "New dimensions in diffusion encoding", January 11-14, 2016, Bäckaskog Castle, Sweden. "High Field Neuroimaging Workshop", June 22-23, 2011, AU. "Advanced MR Imaging Symposium and Workshop", Aug. 12th 2008, AU.

Peer review: NeuroImage, Journal of Magnetic Resonance, NMR in Biomedicine, Magnetic Resonance in Medicine, Cerebral Cortex, Frontiers in Biomedical Physics (Review Editor), Human Brain Map, Interventional Radiology.

Community: Secretary of ISMRM diffusion study group committee 2013-2014.

GRANTS

Familien Fougner Hartmanns Familiefond 2014: 450.000 dkk.

Lundbeck Foundation 2011: 2 mill. dkk.

NIH Key person of NIH R01 NS070022 grant (PI Chris Kroenke, Oregon Health and Science University).

Dagmar Marshalls Foundation 2005 stipend for research stay abroad: 50.000 dkk.

The Danish Council for Independent Research, 2005 travel stipend: 70.800 dkk.