

Benedikt A Poser, PhD

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Dr. Benedikt Poser is Associate Professor for MR Physics at the Faculty of Psychology and Neuroscience at Maastricht University, where he leads the MR Methods group. He also serves as co-director of the Graduate School of the Maastricht Brain Imaging Center (MBIC), head of the MR R&D group at MBIC and chairman of the MR Safety review board.

Benedikt's scientific work lies in the realm of acquisition techniques including sequences, acceleration methods and parallel transmission for neuroimaging, mostly at 7T and 9.4T. Next to improving structural imaging, his main interest is in methods for BOLD and blood-volume-weighted fMRI where he has made a number of important contributions. Main driver for his research is the direct application of these high-field approaches in neuroscientific and clinical research, and he enjoys the close collaboration with many neuroscientists locally, and internationally.



Benedikt is actively engaged in several international societies.

Within the ESMRMB, he currently serves as a member of the Congress Planning Committee (CPC), a position held since 2018. He organized and hosted the ESMRMB SMS/Multi-Band Course in Maastricht (2018) and has taught in several other "Lectures on MR" courses. He is currently the vice-Chair of the ISMRM High-field Systems and Applications Study Group, and was a member of the ISMRM Annual Meeting Program Committee during 2016-2019. He has (co-)organized several workshops and courses for the ESMRMB, ISMRM and OBHM communities, most recently the ISMRM Ultra-High Field workshop (2019).

After studying Physics and Business Management (University of Manchester), Benedikt's research career started in the group of David Norris at the Donders institute (Radboud University Nijmegen), where he got his PhD in 2009. Before accepting the tenured position at Maastricht University, he held postdoc positions at the Erwin L Hahn Institute (Essen), the Donders Institute and the University of Hawaii. The impact of his research is demonstrated by a large number of well-cited publications, talk invitations and national and European funding.

Outside work, Benedikt enjoys spending time with his four young children, and is an enthusiastic runner, cyclist and sailor.