

Karin Markenroth Bloch, PhD

University of Lund



Karin Markenroth Bloch obtained a PhD in Nuclear Physics from Chalmers University of Technology, Gothenburg, after which she started her career in MRI at DRCMR, Copenhagen. Working on one of the first Nordic 3T scanners in clinical use, stimulated early on her interest in leveraging the potential of new technologies into clinical and research applications. After a position as a Philips on-site clinical scientist in Lund, Karin returned to academia to head the Swedish National 7T facility. In this role, her ambition is to make 7T broadly accessible to users and to extend the range of 7T applications. Her personal research interest is in methods for velocity-encoded phase-contrast MRI and using them to study flow of blood and CSF in the brain.

Karin has a long-standing active involvement in international and local MR communities and affinity to the ESMRMB. She most recently chaired the Scientific Program Committee for the ESMRMB 2023 in Basel, after having served on the SPC since 2020. Prior to that, she was the Chair of the ISMRM Nordic chapter from 2018 to 2023, and also served on the ISMRM High Field Study Group committee 2019-2023. She moreover served the ISMRM Board or Trustees, and the ISMRM Annual Meeting and Program Committee (AMPC). In all these endeavours, she strives to create inclusive environments where diversity strengthens the group. A particular interest of hers is the engagement in public outreach and popular science.

Outside work, she enjoys travelling and spending time outdoors with her family, doing sports, creative writing and reading.

With her deep commitment to the society, and her leadership experience with background in industry and academia, Dr Markenroth Bloch is well positioned to represent the MR community on the ESMRMB board.