



Christian-Albrechts-Universität, Sektion Biomedizinische Bildgebung der Klinik für Radiologie und Neuroradiologie, Am Botanischen Garten 14, 24118 Kiel

To Next Generation Experts in Artificial Intelligence (AI) in Imaging

UNIVERSITÄTSKLINIKUM Schleswig-Holstein

Campus Kiel

Department of Radiology and Neuroradiology

Director: Prof. Dr. O. Jansen

Section Biomedical Imaging

Molecular Imaging North Competence Center (MOIN CC)

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Postdoc Position „AI in Imaging at i2-Lab”

We are offering a *Postdoc Position on Artificial Intelligence in Imaging*, initially for 2 or 3 years, depending on applicant's qualification.

Who we are: The Section Biomedical Imaging (SBMI) is a group of about 30 scientists (physicists, computer scientists, engineers, chemists, biologists, ...) developing innovative imaging methods. It is an independent organization within the Department of Radiology at the University Medical Center Schleswig-Holstein / Christian-Albrechts-University (CAU) Kiel, Germany. The SBMI operates these labs:

- the *Molecular Imaging North Competence Center* (MOIN CC, www.moincc.de), the experimental and preclinical imaging core facility of the University and the Medical Faculty (registered DFG Gerätezentrum)
- the *Intelligent Imaging Lab (i2-Lab, www.i2lab.de)*, a lab with currently 8 team members and AI infrastructure developing and applying new AI approaches in medical imaging
- the hyperpolarization lab
- the additive manufacturing lab



Who we are looking for: a scientist

- with considerable experience in programming AI models for imaging applications now ready to take the next step to guide a team in the i2-Lab,

Universitätsklinikum
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Vorstand:
Prof. Dr. Jens Scholz
(Vorsitzender)
Peter Pansegrau
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Prof. Dr. Thomas Münte
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- with interest and talent for translational science, i.e. someone with in-depth overview over technical potential of AI methods & imaging technology AND, via collaboration with physicians, the ability to identify important medical needs and truly promising AI solutions.

Why select our team:

- We have a great interdisciplinary international team!
- We are well funded and participate in and coordinate several exciting AI imaging projects with a mix of funding from BMBF, DFG, BMWK, and industry grants,
- We collaborate with strong international partners, e.g. the *Center for Intelligent Imaging* at the University of California, San Francisco and the *Islandic Heart Association* in Reykjavik; this not only provides great possibilities for exchange with experts but also access to outstanding international imaging databases (big data for AI).
- Unique combination of AI with experimental, preclinical and clinical imaging. And we can jointly define your favorite field of research and application area. We encourage creativity and promote dynamic developments.
- We partner with academia and industry, nationally and internationally.

Why Kiel (because of and beyond science):

- [Kiel Sailing City](#) is a great place to live and enjoy life and sports at the ocean
- Kiel is sister city of San Francisco and [The Bay Areas e.V.](#) society in Kiel and the [San Francisco Kiel Sister City Committee](#) in San Francisco along with the [Northern Germany Innovation Office](#) in San Francisco on the business side promote active ties into the Bay Area.
- Both the German and our regional government are committed supporters of AI; this year they have sponsored many AI professorships (totaling 100 federal plus 12 regional, respectively) and are determined to invest in the future.

Interested? Please contact me to find out more or [email](#) me your CV and a short statement about your track record and interests.

Prof. Claus-C. Glüer
Head Section Biomedical Imaging and I2-Lab