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Bruker Corporation's companies belong to the world's leading analytical and measuring instrumentation manufacturers in the sector of life sciences. For the last 60 years Bruker has been fulfilling one single purpose: to deliver the best technological solution. Today, more than 8,500 employees worldwide are working on this challenge, in over 90 locations in all continents.

Bruker BioSpin PreClinical Imaging is a leading manufacturer of MRI, PET, SPECT, micro-CT and MPI systems for pre-clinical research. Our products range from desktop systems to ultra-high field MR instruments using latest technologic advances.

We offer a competitive position in an innovation-oriented industrial environment with strong links to academia. You will be integrated into our development team implementing novel MR sequences and reconstruction methods. This requires a close collaboration with our colleagues in software-, hardware-development and applications. Collaborations with our academic partners will bring you in contact with leading experts in the field

## MR Sequence Developer (m/w/d) in Ettlingen (Germany)

(Reference Number: 2023-14597)

### RESPONSIBILITIES

- Development of novel MRI & MRS sequences, including signal processing and reconstruction
- Improvement of existing sequences and user workflow
- Research on methodology and applications of preclinical MR
- Conceptual contribution to the design of new products
- Participation in external collaborations
- Customer support (hotline, programming courses)
- Marketing support (product demonstrations, conference presentations)

### QUALIFICATIONS

- PhD or equivalent in Physics, Biomedical Engineering, Electrical Engineering, Computer Science, or related field with emphasis on MRI
- At least 2 years of active experience in developing MRI sequences
- High competence in MR physics and mathematics
- Strong background in image reconstruction
- Excellent programming skills (C,C++,MATLAB/Python)
- Very good spoken and written English

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