Your Career at Bruker – Develop Your Potential

As one of the world's leading analytical instrumentation companies, Bruker covers a broad spectrum of advanced solutions in all fields of research and development. All our systems and instruments are designed to improve safety of products, accelerate time-to-market and support industries in successfully enhancing quality of life. We've been driving innovation in analytical instrumentation for 50 years now. Today, worldwide more than 6,000 employees are working on this permanent challenge, at over 70 locations on all continents.

To support our R&D Team in Ettlingen, we are looking for a:

MR Sequence Developer

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.

Your 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)

Your profile:

- 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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Human Resources

Innovation with Integrity