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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.

We are looking for an Application Scientist (m/f/d) who will contribute to the product life-cycle management (PLM) process with respect to Preclinical Imaging systems, especially Magnetic Particle Imaging systems. Next to the PLM process work, the purpose of this position is the customer and cooperation-partner support in defined application-oriented research projects. With keeping an eye on workflows, new functionalities, quality, and opportunities, the user centricity is always the main driver. The position's duties range from method development & testing to multi-modal experiment planning/conduction to data evaluation and visualization, as well as customer demonstrations. In close collaboration with KOL, prospects, customers and collaboration partners, high impact application solutions will be generated. The position's focus are application related work tasks (theranostic sequences, data analysis and visualization, system handling). This position covers the range from module specification, module rapid-prototyping, development, integration, validation, documentation, and field-support-tasks by 2nd and 3rd level customer support (data analysis, artifact detection and evaluation, elaboration of compensation and prevention strategies).

Application Scientist Magnetic Particle Imaging (m/w/d) in Ettlingen (Germany)

(Reference Number: 2023-15053)

RESPONSIBILITIES

- Creation of user application notes
- Responsible for the conduction of funded application-oriented collaborations
- Participation in the development of MPI hybrid solutions
- Preparation for customer demonstration
- Contact person for MPI customer basis and application requests as well as internal stakeholders
- Responsible for in vivo experiments
- Creation of documentation and manuals
- Creation of marketing material
- Editing of user manuals
- Creation of research publications and reportings
- Preparation for internal and external presentations
- Responsible for the development of new application strategies

QUALIFICATIONS

- Diploma / PhD degree in the field of biology, (biomedical) engineering, physics and/or relevant expertise in the field of biology, (biomedical) engineering or physics (Post-Doc experience is a strong asset)
- Expertise in signal and imaging processing
- At least user knowledge of MPI, MRI, PET/SPECT, CT physics would be an asset
- Knowledge of PLM-PDM-Software Teamcenter would be an asset
- Fluency in English (min. B2 level) is required (knowledge of German is a strong asset)
- Strong team player with excellent communication skills
- Excellent presentation competence and keen to travel
- Willingness to learn about and master unfamiliar and new applications and fields of research

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