

Open Position: MRI Sequence Development

RS²D presentation:

Based in Strasbourg France, RS2D develops MRI and NMR consoles to be installed on new systems or in replacement of old consoles. These consoles are used by our academic and industrial partners on low/high field NMR/MRI systems, DNP polarizers, NMR/MRI prototypes and preclinical MRI products. The MR consoles come with a software suite allowing electronic testing, pulse sequences development and data acquisition.

With the growth of the development activities, and the recent merge with Nanalysis Corp, we are seeking for an MRI sequence development engineer. For more information visit our website <http://www.rs2d.com/en/>

Position Summary:

Due to increase of activity and with the merge with Nanalysis Corp., we are looking for a talented (PhD or Engineer) sequence developer to join our growing team in Strasbourg. You will:

- Apply knowledge and experience in MR physics, mathematics, engineering to develop acquisition pulse sequences and image reconstruction methods.
- Determine the impact of systems hardware performance on the image quality.
- Work with collaborators to test and enhance the image quality of the sequence on their MRI system.
- Train operators to use sequences and sequence development software.
- Participate in the definition of new features to be developed on the RS2D product: console or software suite.

Qualifications/Requirements:

- Engineering degree or Ph.D. in Physics, Medical Physics, Electrical Engineering, Biomedical Engineering, or related field with experience in sequence development.
- Demonstrated in past experiences strong problem-solving skills, including the ability to understand and address MR image quality problems.
- Programming proficiency in Java, Python or other languages.
- Autonomous, creative and ambitious.
- Experience and knowledge in electronic would be a plus.

NB: No French is required when English is spoken.

Please contact us at:

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