

# HEALTIS is recruiting a RF & NUMERICAL MODELING ENGINEER - Nancy, France

# **Our Laboratory**

**HEALTIS** is an MRI Safety and Compatibility **TESTING LABORATORY**. HEALTIS specializes in testing the interactions between medical device and the electromagnetic environment of MRI. HEALTIS has worked with medical device manufacturers around the world, serving to characterize the risks associated with their devices when present in the MRI environment.

The interactions between MRI and medical devices in the examination room are of all kinds: attraction due to the magnetic field, vibrations, heating due to radiofrequencies, electronic malfunction, etc. Our tests allow us to measure these interactions, with tools and methods described by various normative standards, or designed specifically for the needs of the project.

We may be dealing with devices that are already commercially available or devices that are still in development. In the latter case, we accompany the R & D team designing the product in order for it to be optimized for MRI.

Additionally, we offer digital modeling services, technical and regulatory support and training on the MRI safety of MDs.

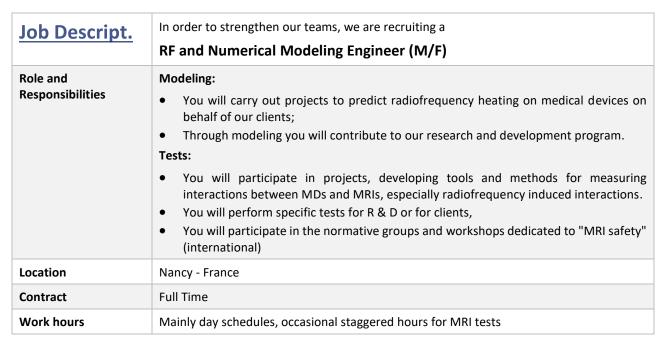
Medical devices from all over the world come to us to be tested in Nancy, France. We are the sole device testing laboratory in France, and we are among a shortlist of providers around the world.

The number of MRIs and of implants is increasing. Evaluation of the interactions between MDs and MRI is becoming mandatory for our customers, and our activity is growing!



Our MRI tests meet a demanding international normative and regulatory framework. We participate in the normative groups of our field.

Our laboratory is accredited by COFRAC, according to the ISO / IEC 17025 standard for its testing activities (accreditation N ° 1-6320, scope available on <a href="https://www.cofrac.fr">www.cofrac.fr</a>)



HEALTIS S.A.S | Capital 100K€ | RCS Nancy | SIREN 790099857 | TVA FR17790099857 | 2 av. de la Forêt de Haye, 54501 Vandœuvre-lès-Nancy (France)

Start Date	As soon as possible
Remuneration	Based on profile and experience
Travel	Occasional trips

# **Your profile**

Education	Master's Degree or equivalent, minimum		
Education or Research experience in	<ul><li>☑ Physical Engineering</li><li>☑ Industrial Engineering</li><li>☑ Mechanical engineering</li><li>☑ Mechanical engineering</li></ul>	☑ Generalist Engineer ☑ Electrical systems	
Technical Competencies	Essential:	<u>Appreciated</u>	
	Knowledge of the physics of electromagnetic waves,	✓ MRI	
	especially in radio frequencies	☑ Experience with CAD	
	Mastery of a data processing language (Matlab, LabView, Python, Java,)	✓ Metrology	
	Mastery of a numerical simulation software (CST, COMSOL)		
Languages	English and French (oral and written)		
Professional	☑ A 3-year-professional experience would be appreciated		
Experience	✓ New graduates accepted		
Other requirement(s)	Valid drivers permit		

# Among the reasons to join HEALTIS....

## Take part in the progress of the medical field!

- You will have the opportunity to contribute to the design of medical devices that will shape the world of tomorrow
- Do you have a curious and inventive mind? Your skills and ideas will advance our R & D!

### Join a stimulating work environment!

- A multicultural team: you will flourish among employees of different nationalities, young and passionate about their iob.
- A structure on a human scale: with us, you will be able to make change and benefit from an important autonomy.
- Our laboratory is located in the heart of the Nancy hospital, in the immediate vicinity of our main scientific partners.
- The Greater East Region of France: an innovative and green region where life is good!

### You will find opportunities for development and evolution!

• We will allow you to become a true technical expert in the field of MD MRI security

By demonstrating your excellence and involvement, you will have the opportunity to build skills and take on new responsibilities, in the technical field or in cross-curricular competencies



Please send your letter of motivation and resume to <a href="info@healtis.com">info@healtis.com</a>. Please specify your salary requirements and your availability. If you have any questions, please contact Christelle GUFFROY, Recruitment Officer, on +33 (0) 7 68 24 92 40 or by email (info@healtis.com)

