

Centrale Nantes is a leading engineering school that graduates engineers, masters students and doctoral candidates from academic programs based on the most up-to-date developments in science and technology and the best practices in management.

As a member of the Écoles Centrales Group (Lille, Lyon, Marseille, Nantes and Paris), our school provides high-quality teaching for highly selected students.

This position is attached to the Civil and Mechanical Engineering Research Institute (GeM).

Job description:

As part of a team of 20 people, you will interact with all of them.

Your responsibilities will include

- Develop and implement monitoring tools
- Control processes for mechanical manufacturing applications (additive manufacturing WAAM, LMD, SLM, machining and finishing, etc.) and biofabrication applications developed in the laboratory.
- Set up mechatronic demonstrators, collect and analyze multiphysics data on laboratory equipment (machines and robotized cells).
- Set up sensors and measuring instruments.
- Program in-process corrective actions
- Implement industrial IT: connect and synchronize sensors, implement methodologies for correcting parameters during the process.
- Design and build sensor and measuring instrument assemblies
- Develop interfaces to visualize and plot data.

Profile required:

Skills:

- Fluent English (professional level A2, A1)
- Prototyping of mechatronic solutions
- Digital development for monitoring
- Sensor selection and design
- Data analysis

Required qualities:

- Good interpersonal skills
- Teamwork skills
- Ability to adapt

Level required: Bac +5 (IGE)/Bac+8 (IGR), Engineering degree, Master 2.

Professional experience of more than 3 years is essential.

Conditions of employment:

<ul style="list-style-type: none">- 12-month fixed-term contract - open to contract and permanent employees- Full-time position - based in Nantes- Flexible working hours- Flexible work cycles (possibility of working 4.5 days)- RTT + additional vacations- Telecommuting possible- Teleworking allowance- Free parking- 75% transport reimbursement- Sustainable mobility bonus (if cycling or car-pooling)	<p><u>Remuneration:</u> in line with the French civil service pay scale</p> <p><u>Position to be filled:</u> As soon as possible</p>
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HR contact: Guéno­lée COTTINEAU

Manager contact: Matthieu RAUCH

To apply : please send your CV and covering letter to: candidatures@ec-nantes.fr

This advert refers to the terms 'candidate', 'engineer', 'manager', etc. These designations are to be considered beyond gender, and are to be taken as feminine as well as masculine.

Centrale Nantes is committed to equality and diversity. In line with our [CSR commitments](#), this job is open to all.