

## **JOB DESCRIPTION**

**Occupation: Assistant Professor (Maître de conférences)**

**CNU section: 26**

**Department: Applied Mathematics**

**Laboratory: IRMAR**

**Profile: Numerical analysis, Optimization, Modelization**

### **INSA Rennes**

INSA Rennes, a founding member of the INSA Group, is the largest public engineering school in Brittany. It welcomes 2,200 students and apprentices and graduates more than 340 engineers, 60 masters students and 40 PhDs each year. Composed of 9 teaching departments, including 7 engineering specialities and one by apprenticeship, and supervised by 6 research laboratories, INSA employs around 500 public employees (research teachers, teachers, permanent and contractual BIATSS) and more than 400 temporary employees, notably from companies.

By positioning itself as an impact institute, INSA Rennes intends to be part of a positive metamorphosis aimed at building a fairer and more sustainable world for future generations. Being an engineering school today, producing skills and knowledge, requires more than ever to assert its responsibility; to anticipate the impact of inventions on individuals, society and the environment; to place itself at the service of a reasoned economy and of social progress, a source of well-being.

More aware than ever of its social impact, the institute also intends to go further in the diversification of profiles and to provide each person with the keys to blossom and succeed in his or her studies, regardless of the educational investment he or she made before entering a prestigious school.

The Impact Institute is above all a lever for transformation in the service of society and for meeting the challenges of sustainable development as defined by the United Nations.

This affirmed trajectory has been materialised by the adoption of its 2021-2026 strategic project, which can be consulted on the school's website: [www.insa-rennes.fr](http://www.insa-rennes.fr)

### **Education :**

The recruited candidate will be assigned to the Applied Mathematics (MA) department of INSA Rennes, which leads the "Applied Mathematics" engineering specialty.

The MA pedagogical team provides a very large part of the lessons for this training. He also participates in mathematics lessons for the INSA preparatory cycle (level L1-L2).

Training courses concerned: the Applied Mathematics engineering specialty and the INSA preparatory cycle.

Pedagogical objectives and need for supervision in Courses, TP, Projects and TD: Development and participation in various lessons in the sectors concerned. Supervision of internships and graduation projects. Teaching skills in Optimization (Operational Research, Machine Learning) will be appreciated.

For more information, consult the website: <https://www.insa-rennes.fr/ma.html>

## Research:

IRMAR is a multi-site and multi-tutelle laboratory which integrates mathematicians from the universities of Rennes 1 and Rennes 2, the CNRS, the ENS Rennes, the INSA, as well as teams from the Institut Agro Rennes-Angers, the DGA Maîtrise de l'Information, the ENSAI and the INRIA. These research activities cover a broad spectrum of mathematics.

The recruited candidate will do his research in applied mathematics within the "Numerical Analysis" team of the IRMAR laboratory (UMR 6625). He/She will have to develop his research in collaboration with the members of the team in one of the present themes: Optimization, Mathematical modeling, Numerical simulation.

For more information, consult the website: <https://irmar.univ-rennes1.fr/pole-analyse-de-irmar>

## Additional activities description:

The recruited candidate will eventually have to actively participate in the various collective responsibilities.

## More information:

### Contacts :

**Mounir Haddou** ([mounir.haddou@insa-rennes.fr](mailto:mounir.haddou@insa-rennes.fr)) – Director of the MA Department at INSA Rennes  
(tél : +33 2 23 23 85 30)

**Olivier Ley** ([olivier.ley@insa-rennes.fr](mailto:olivier.ley@insa-rennes.fr)) – Head of the IRMAR component - INSA Rennes site,  
(tél : +33 2 23 23 82 32)

**Mihai Gradinaru** ([direction.irmar@univ-rennes1.fr](mailto:direction.irmar@univ-rennes1.fr)) – Director of IRMAR (tél : +33 2 23 23 69 23)

**Nelly Jutge** ([nelly.jutge@insa-rennes.fr](mailto:nelly.jutge@insa-rennes.fr)) - Human Resources Department

URL labo: <https://irmar.univ-rennes.fr/>

### INSA RENNES

Institut National des Sciences Appliquées de Rennes  
20, avenue des Buttes de Coësmes - CS 70839 - 35708 Rennes Cedex 7  
- France  
Tél.+ 33 (0)2 23 23 82 00 - Fax + 33 (0)2 23 23 83 96  
[www.insa-rennes.fr](http://www.insa-rennes.fr)

  
MINISTÈRE  
DE L'ENSEIGNEMENT  
SUPÉRIEUR  
ET DE LA RECHERCHE  
Liberté  
Égalité  
Fraternité

