



Offer #2024-08471

Post-Doctoral Research Visit F/M Data-driven metamaterial identification: from wavefields to physical laws

Contract type : Fixed-term contract

Renewable contract : Yes

Level of qualifications required : PhD or equivalent

Fonction : Post-Doctoral Research Visit

About the research centre or Inria department

The Inria center at the University of Rennes is one of eight Inria centers and has more than thirty research teams. The Inria center is a major and recognized player in the field of digital sciences. It is at the heart of a rich ecosystem of R&D and innovation, including highly innovative SMEs, large industrial groups, competitiveness clusters, research and higher education institutions, centers of excellence, and technological research institutes.

Assignment

We are looking for successful (or soon-to-be) PhD graduates interested in joining the French National Research Institute for Digital Science and Technology (Inria) on advanced physics- and data-driven modelling in the field of structural mechanics and acoustics, for a 18-24 months Postdoc in the Inference for Structures (I4S) research team.

This postdoctoral position, titled "**Data-driven metamaterial identification: from wavefields to physical laws**" is part of the National Project – ANR-JCJC Archi-Noise, under the supervision of Dr. Christophe Droz. Starting date and duration are flexible.

A detailed description of the postdoctoral offer is available at <https://team.inria.fr/i4s/job-offers/> in the "Postdoctoral positions" section.

Main activities

Required documents:

- 1) **Field: "CV"** – Upload a detailed curriculum vitae, including a list of relevant publications.
- 2) **Field: "Motivation"** – Upload a short (1-2 pages) research statement, detailing your scientific interests and motivations for joining our team.
- 3) **Field: "Recommendation"** – Please indicate the contact details of two established scientific professionals who can provide a recommendation if requested.

Benefits package

- Subsidized meals
- Partial reimbursement of public transport costs
- Leave: 7 weeks of annual leave + 10 extra days off due to RTT (statutory reduction in working hours) + possibility of exceptional leave (sick children, moving home, etc.)
- Possibility of teleworking (after 6 months of employment) and flexible organization of working hours
- Professional equipment available (videoconferencing, loan of computer equipment, etc.)
- Social, cultural and sports events and activities
- Access to vocational training
- Social security coverage

Remuneration

The salary is **€2,788 gross per month**

General Information

- **Theme/Domain** : Optimization and control of dynamic systems
Scientific computing (BAP E)
- **Town/city** : Rennes
- **Inria Center** : [Centre Inria de l'Université de Rennes](#)
- **Starting date** : 2025-04-01
- **Duration of contract** : 1 year, 6 months
- **Deadline to apply** : 2025-02-28

Contacts

- **Inria Team** : [I4S](#)
- **Recruiter** :
Droz Christophe / christophe.droz@inria.fr

About Inria

Inria is the French national research institute dedicated to digital science and technology. It employs 2,600 people. Its 200 agile project teams, generally run jointly with academic partners, include more than 3,500 scientists and engineers working to meet the challenges of digital technology, often at the interface with other disciplines. The Institute also employs numerous talents in over forty different professions. 900 research support staff contribute to the preparation and development of scientific and entrepreneurial projects that have a worldwide impact.

Warning : you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.

Instruction to apply

Defence Security :

This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST). Authorisation to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

Recruitment Policy :

As part of its diversity policy, all Inria positions are accessible to people with disabilities.