



Offer #2024-07757

Post-Doctoral Research Visit F/M Distributed algorithms on evolving data

Contract type : Fixed-term contract

Level of qualifications required : PhD or equivalent

Fonction : Post-Doctoral Research Visit

About the research centre or Inria department

The Inria Centre at Rennes University is one of Inria's nine centres and has more than thirty research teams. The Inria Centre is a major and recognized player in the field of digital sciences. It is at the heart of a rich R&D and innovation ecosystem: highly innovative PMEs, large industrial groups, competitiveness clusters, research and higher education players, laboratories of excellence, technological research institute, etc.

Context

One or two year postdoc position under the supervision of George Giakkoupis.

Assignment

The position is part of a research project on the design and formal analysis of algorithms for fundamental distributed problems, on dynamically evolving networks and/or with dynamically evolving data. Part of the project will be the development of appropriate distributed models for such dynamic settings, building on the evolving data framework introduced in centralized settings by Anagnostopoulos, Kumar, Mahdian, and Upfal (TCS 2011).

Main activities

The results should be presented to the top venues of theoretical and distributed computing.

Skills

Background in theory of distributed computing or dynamic graph algorithms.

Benefits package

- Subsidized meals
- Partial reimbursement of public transport costs
- Possibility of teleworking (90 days per year) and flexible organization of working hours
- Partial payment of insurance costs

Remuneration

Monthly gross salary amounting to 2788 euros.

General Information

- **Theme/Domain :** Distributed and High Performance Computing System & Networks (BAP E)
- **Town/city :** Rennes
- **Inria Center :** [Centre Inria de l'Université de Rennes](#)
- **Starting date :** 2024-07-01
- **Duration of contract :** 2 years
- **Deadline to apply :** 2024-07-28

Contacts

- **Inria Team :** [WIDE](#)
- **Recruiter :**

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

Please submit online : your resume, cover letter and letters of recommendation eventually

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.