Offer #2024-08209

Reconstruction of the Cosmic Web

Contract type : Internship agreement

Level of qualifications required : Graduate degree or equivalent

Fonction : Internship Research

About the research centre or Inria department

Le centre Inria d'Université Côte d'Azur regroupe 42 équipes de recherche et 9 services d'appui. Le personnel du centre (500 personnes environ) est composé de scientifiques de différentes nationalités, d'ingénieurs, de techniciens et d'administratifs. Les équipes sont principalement implantées sur les campus universitaires de Sophia Antipolis et Nice ainsi que Montpellier, en lien étroit avec les laboratoires et les établissements de recherche et d'enseignement supérieur (Université Côte d'Azur, CNRS, INRAE, INSERM …), mais aussi avec les acteurs économiques du territoire.

Présent dans les domaines des neurosciences et biologie computationnelles, la science des données et la modélisation, le génie logiciel et la certification, ainsi que la robotique collaborative, le Centre Inria d'Université Côte d'Azur est un acteur majeur en termes d'excellence scientifique par les résultats obtenus et les collaborations tant au niveau européen qu'international.

Assignment

Information at https://team.inria.fr/titane/files/2024/09/sujet_Master_cosmic_web.pdf

Main activities

Information at https://team.inria.fr/titane/files/2024/09/sujet_Master_cosmic_web.pdf

Skills

The ideal candidate should be student in M2 or M1 in Computer Science or Mathematics, have good knowledge in 3D geometry and applied mathematics, be able to program in C/C++, be fluent in English, and be creative and rigorous.

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

General Information

- **Theme/Domain :** Vision, perception and multimedia interpretation
  Scientific computing (BAP E)
- **Town/city :** Sophia Antipolis
- **Inria Center :** [Centre Inria d'Université Côte d'Azur](link)
- **Starting date :** 2024-04-01
- **Duration of contract :** 6 months
- **Deadline to apply :** 2024-12-03

Contacts

- **Inria Team** : TITANE
- **Recruiter** :
Lafarge Florent / Florent.Lafarge@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.