



Offer #2025-08738

Post-Doctoral Research Visit F/M Combining Neural and Physically-Based Rendering with Generative Models

Contract type : Fixed-term contract

Renewable contract : Yes

Level of qualifications required : PhD or equivalent

Fonction : Post-Doctoral Research Visit

Level of experience : Up to 3 years

About the research centre or Inria department

The Inria centre at Université Côte d'Azur includes 42 research teams and 9 support services. The centre's staff (about 500 people) is made up of scientists of different nationalities, engineers, technicians and administrative staff. The teams are mainly located on the university campuses of Sophia Antipolis and Nice as well as Montpellier, in close collaboration with research and higher education laboratories and establishments (Université Côte d'Azur, CNRS, INRAE, INSERM ...), but also with the regional economic players.

With a presence in the fields of computational neuroscience and biology, data science and modeling, software engineering and certification, as well as collaborative robotics, the Inria Centre at Université Côte d'Azur is a major player in terms of scientific excellence through its results and collaborations at both European and international levels.

Context

Postdoctoral Fellowship in the context of the ERC NERPHYS

Assignment

Main Tasks:

Performing research in the area of computer graphics, related to the topics of the NERPHYS Advanced Grant ERC project.

Research Topic:

The topics of this postdoctoral fellowship will be in study neural, physically-base and differentiable graphics as they relate to deep generative models.

Collaboration:

The recruited person will collaborate with Ph.D. students and other postdoctoral fellows in the group.

Steering/Management:

The person recruited will supervise Masters students and co-supervise Ph.D. students as appropriate.

Main activities

Main activities involve research and publications in the top venues of the field.

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 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
- Contribution to mutual insurance (subject to conditions)

Remuneration

Gross Salary: 2788 € per month.

General Information

- **Theme/Domain** : Interaction and visualization Information system (BAP E)
- **Town/city** : Sophia Antipolis
- **Inria Center** : [Centre Inria d'Université Côte d'Azur](#)
- **Starting date** : 2025-03-01
- **Duration of contract** : 12 months
- **Deadline to apply** : 2025-04-17

Contacts

- **Inria Team** : [GRAPHDECO](#)
- **Recruiter** :
Drettakis George / George.Drettakis@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.

The keys to success

We are searching for a candidate with a Ph.D. in Computer Graphics or Computer Vision (with an interest in image synthesis), with an established track record of top-level publications, preferably related to rendering, neural rendering, physically-based rendering and 3D reconstruction.

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

Applications must be submitted online on the Inria website. Collecting applications by other channels is not guaranteed.

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.