2018-00789 - Joint PhD Offer in collaboration with Microsoft: Animation Synthesis

Renewable contract: Oui
Level of qualifications required: Graduate degree or equivalent
Fonction: PhD Position

About the research centre or Inria department
Grenoble Rhône-Alpes Research Center groups together a few less than 800 people in 35 research teams and 9 research support departments.

Staff is localized on 5 campuses in Grenoble and Lyon, in close collaboration with labs, research and higher education institutions in Grenoble and Lyon, but also with the economic players in these areas.

Present in the fields of software, high-performance computing, Internet of things, image and data, but also simulation in oceanography and biology, it participates at the best level of international scientific achievements and collaborations in both Europe and the rest of the world.

Context

INRIA

Inria is a leading French research centre in computer science, with an international culture – the English language being widely adopted. The Grenoble centre is located at the heart of the French Alps, a very dynamic region for new technologies offering a large range of recreational activities.

Microsoft Research

The PhD will involve regular visits and stays to the Microsoft centres at Redmond (USA) and Cambridge (UK).

Assignment

Informal inquires can be addressed to edmond.boyer@inria.fr and jean-sebastien.franco@inria.fr. Please upload your application, quoting the PhD subject and Microsoft collaboration, on the team website: http://morpheo.inrialpes.fr/job-applications.

References

Main activities

For a better knowledge of the proposed position, please consult the full job offer at:
https://team.inria.fr/morpheo/microsoft-animation-synthesis/

Skills

The PhD candidate should hold a master’s degree in computer science. Very good background in computer vision, 3D vision, and/or machine learning are expected. The candidate will be co-supervised by Jean-Sébastien Franco and Edmond Boyer at Inria Grenoble, France, with the involvement of Steve Sullivan, Andrew Fitzgibbon, Jamie Shotton and Marta Wilczkowiak at Microsoft.

Benefits package

- Subsidised catering service
- Partially-reimbursed public transport
- Social security
- Paid leave
- Flexible working hours
- Sports facilities

Remuneration

1982€ gross the first 2 years, then 2085€ gross the 3rd year

General Information

- Theme/Domain: Vision, perception and multimedia interpretation
- Software engineering (BAP E)
- Town/city: Montbonnot
- Inria Center: CRI Grenoble - Rhône-Alpes
- Starting date: 2018-09-01
• **Duration of contract**: 3 years  
• **Deadline to apply**: 2018-08-15

**Contacts**

- **Inria Team**: MORPHEO  
- **Recruiter**:  
  Boyer Edmond / edmond.boyer@inria.fr

**About Inria**

Inria, the French National Institute for computer science and applied mathematics, promotes “scientific excellence for technology transfer and society”. Graduates from the world’s top universities, Inria’s 2,700 employees rise to the challenges of digital sciences. With its open, agile model, Inria is able to explore original approaches with its partners in industry and academia and provide an efficient response to the multidisciplinary and application challenges of the digital transformation. Inria is the source of many innovations that add value and create jobs.

**The keys to success**

- Master degree in Computer Science or Applied Mathematics  
- Creative and highly motivated

**Conditions for application**

**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.

**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.