2018-00315 - [GRAPHDECO] Software Engineer

**Level of qualifications required**: Graduate degree or equivalent

**Function**: Temporary scientific engineer

**About the research centre or Inria department**

The Inria Sophia Antipolis - Méditerranée center counts 37 research teams and 9 support departments. The center’s staff (about 600 people including 400 Inria employees) is composed of scientists of different nationalities (250 foreigners of 50 nationalities), engineers, technicians and administrators. 1/3 of the staff are civil servants, the others are contractual. The majority of the research teams at the center are located in Sophia Antipolis and Nice in the Alpes-Maritimes. Six teams are based in Montpellier and a team is hosted by the computer science department of the University of Bologna in Italy. The Center is a member of the University and Institution Community (ComUE) “Université Côte d’Azur (UCA)”.

**Assignment**

She / he will be in charge of developing software components for the PicPlay startup. PicPlay technology is an Image-Based Rendering approach building on the research results developed by the REVES & GRAPHDECO Inria research teams. Most relevant papers:


The mission involves developing the software basis for a future product, and in particular creating product-level prototypes for application of these technologies to our client’s problems.

**Main activities**

This mission includes:

- Developing C++ libraries and programs
- Creating Proofs of Concepts, Demonstration application

**Skills**

**Required qualities (essential):**

- Motivation for the discussed technology
- Highly Skilled, Autonomous

**Required skills:**

- **highly desired** - Tools: Visual Studio, cmake, git
- **desired / appreciated** - Unity Engine, C# mono, Unreal Engine, OpenSceneGraph

**Required Diploma and experience:**

- Master of Engineering in Computer Science, specializing in Computer Graphics or Computer Vision.

**Benefits package**

- Subsidised catering service
- Partially-reimbursed public transport
- Social security

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**General Information**

- **Theme/Domain**: Interaction and visualization
- **Town/city**: Sophia Antipolis
- **Inria Center**: CRI Sophia Antipolis - Méditerranée
- **Starting date**: 2018-04-01
- **Duration of contract**: 12 months
- **Deadline to apply**: 2018-06-06

**Contacts**

- **Inria Team**: GRAPHDECO
- **Recruiter**: Ribiire Guillene / guilene.ribiere@inria.fr

**Conditions for application**

Application file: 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.

**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.
• Paid leave
• Flexible working hours
• Sports facilities

Remuneration
Gross Salary per month: 2562€