The proposed research is at the frontier of computer vision, signal processing, coding and information theory. In terms of application domains, the project will primarily target networked visual applications such as 3DTV, FTV, camera sensor networks, satellite and medical imaging applications.

General Information

- Theme/Domain: Vision, perception and multimedia interpretation
- Scientific computing (BAP E)
- Town/City: Rennes
- Inria Center: CI Rennes - Bretagne Atlantique
- Starting date: 2018-09-03
- Duration of contract: 2 years
- Deadline to apply: 2018-05-31

Contacts

- Inria Team: SIROCCO
- Recruiter: Guilleminot Christine / christine.guilleminot@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 2700 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

PhD degree in signal and image processing; prior knowledge in the areas of image/video compression and multi-view processing will be appreciated.

Conditions for application

Thank you for applying online.

Please submit your CV, cover letter and any recommendations.

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.

References

Main activities
Research, validation via software implementation, publication of the results

Skills
- PhD degree in signal and image processing
- Solid programming skills (matlab, C/C++)
- Solid mathematical background
- Fluent in English, both written and spoken

Benefits package
- Subsidised catering service
- Partially-reimbursed public transport
- Social security
- Paid leave
- Sports facilities

Remuneration
Gross salary: 2653 euros