

«Open Ph.D.-Position in Computer Vision / Deep Learning» (M/F)

Research field: Computer Vision based Facial Analysis
Project-team: STARS, Inria Sophia Antipolis

About Inria and the team

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.

Team

The STARS research team combines advanced theory with cutting edge practice focusing on cognitive vision systems.

Team web site

<https://team.inria.fr/stars/>

Mission

The Ph.D. position is within the framework of the ANR Jeune Chercheuse-Jeune Chercheur (JCJC) project ENVISION: “Computer Vision for Automated Holistic Analysis for Humans”

- Starts November 2017
- Deadline for applications: November 2017. Nevertheless, the application may be closed before the deadline, if a satisfying candidate is found

ENVISION aims to lay the algorithmic and theoretic foundations in automated human analysis in the presence of operational randomness and data uncertainty.

Job description

The Inria STARS team is seeking for a Ph.D. researcher with strong background in computer vision, biometrics, deep learning and machine learning.



The candidate is expected to conduct research related to automated holistic human analysis, including the development of computer vision algorithms for appearance and behavioral analysis, as well as the related algorithmic validation in application scenarios.

Skills and profile

Candidates must hold a Masters degree or equivalent in Computer Science or a closely related discipline by the start date.

The candidate must be grounded in the basics of computer vision, have solid mathematical and programming skills (knowledge of Matlab/Python, C++, Linux and Deep Learning packages like Torch/Theano/TensorFlow is preferable).

The candidate must be committed to scientific research and strong publications.

Advantages

- Inria Sophia Antipolis is ideally located in the heart of the French Riviera, inside the multi-cultural silicon valley of Europe
- Competitive salary (approximately 1980 Euros brut per month)
- Strong medical and social benefits

- Restaurant on site
- Financial participation for public transport
- Social and sporting activities
- French courses

Additional Information

- Duration: 3 years
- Targeted hiring date: November 2017
- Location: Inria Sophia Antipolis, France
- Gross Salary per month: 1980€brut per month

Application

To apply, please email the following documents to Antitza Dantcheva (antitza.dantcheva@inria.fr), indicating "ANR JCJC – Ph.D." in the e-mail subject line.

- Motivation letter
- CV
- Contact information for at least two references, who can provide recommendation letters upon request.

The submission deadline is November 2017. Nevertheless, the application may be closed before the limit date, if a satisfying candidate is found.

Please do not hesitate to contact us for any inquiry.

Inria's disabilities policy: All positions at the institute are open to disabled people.



Security and defense procedure

In the interests of protecting its scientific and technological assets, Inria is a restricted-access establishment. Consequently, it follows special regulations for welcoming any person who wishes to work with the institute. The final acceptance of each candidate thus depends on applying this security and defense procedure.