

Doctoral Position in Image Processing for Biometrics

A full-time employment position for four years, with starting date as soon as possible. The position is extendable to five years if the student involves in teaching and other departmental duties (no more than 20%). Salary is according to a uniform scale adjusted in relation to the progress in education, starting in 25000SEK/2600€ before taxes the first year.

The research program is focused on ocular biometrics in unconstrained sensing environments. Our interests include (but are not limited to) ocular detection and segmentation, super-resolution enhancement, and feature extraction.

Requirements

We seek a highly motivated scientist with strong background in mathematics and signals and systems engineering. The applicant must hold a degree on advanced level (of at least 60 credits) within computer science, computer engineering, electrical engineering or another area that is relevant for the research subject.

The successful candidate will be expected to have ability to do independent work, and to formulate and approach scientific problems, e.g. through a discussion of their previous thesis work, as well as a good oral and written proficiency in English. Good programming skills are required (preferably in Matlab), and expertise in digital image processing, machine learning or biometrics will be an advantage.

Application process

The application must contain the following documents in English:

1. A cover letter with a brief statement of why you believe that your goals are matched with the goals of this position
2. A CV that includes at least a list of previous degrees, dates, institution, transcripts for higher education studies until most recent available, list of publications and description of previous research and other work experience
3. Contact information of up to 3 references

Please send application files to Dr. Fernando Alonso-Fernandez: feralo@hh.se

Intelligent Systems Laboratory (IS-Lab)

The host is a leading European centre with international reputation in biometrics research. It is one of the largest research groups at Halmstad University, and one of the largest laboratories in machine learning in Sweden, with over 40 people and ≈ 70 master students. Its members research, develop, and teach enabling technologies for intelligent systems, such as signal analysis, control systems, artificial intelligence, machine learning, and robotics.

Halmstad University

Halmstad is strategically located in the middle of the west coast of Sweden, between the major cities of Gothenburg and Malmö. The closest main airport is in Copenhagen, Scandinavia's main airport in terms of traffic, with direct trains running every hour and a travel time of 1h50min. The capital city of Sweden, Stockholm, is within 4.5h by train. Halmstad offers you a peaceful study environment and an inspiring seaside and riverside setting with 22 beaches along a 4 miles long coastline, including Sweden's most famous beach – Tylösand. The University campus is some 2 km from the town centre, reachable in a few minutes by bike or bus, where all necessary services are available.

