

Scholarship in Informatics Research and Development

For the Scholarship position, we seek a candidate with a background and M.Sc. degree in Informatics Engineering or relevant related area. The successful candidate should demonstrate strong knowledge related at least several of the following topics: object-oriented programming (c++), time-based media, image processing and driver development.

This position is created in the context of the research project, called Disposcope, which was initiated by Awaiba, University of Madeira, Instituto Novas Tecnologias (INOV) and Madeira Tecnopolo. Disposcope aims at proposing and developing small-size image sensors for medical endoscopy with high quality image. Based on AWAIBA's solid experience with the development of high performance CMOS image sensors for special applications markets such as medical imaging, Disposcope aims at providing disposable endoscope technologies with a reduced cost.

The successful candidate shall be involved in the Research and Development activities within the project related to image processing and image enhancement algorithms and test applications.

The chosen candidate will be employed by and based at Madeira Tecnopolo, which is located at the island of Madeira, Portugal, in a building adjacent to the University of Madeira. The contract is fixed term for a period 12 months, renewable for an equal period. The prospect to continue the research work beyond the Scholarship within the Industrial partner AWAIBA exists. The stipend will be in the form of a Research Initiation Scholarship under the regulation of scholarships by Madeira Tecnopolo and includes a tax-free remuneration from € 1274.00 (MSc. Degree) to € 1943.50 (PhD. Degree) per month.

The closing date for application is **November 20th 2010** and we anticipate that the mandatory interviews will be held in December. Applications should be made as soon as possible, via email. Applicants should submit:

- a letter motivating their application;
- a Curriculum Vitae, a digital copy of their last diploma.

The selection criteria are:

- Curriculum Vitae analysis;
- Interview results.

Applications should be sent by email to **Paulo Sampaio(psampaio@uma.pt)**.

Funchal (October 18th 2010)