

Post-doc position in Virtual Physiological Modelling

Objectives

The post-doc will be responsible for the coordination of the research efforts of the [Asclepios](#) team in four European projects (in particular [Euheart](#)) involving the development of virtual human models and technologies for computed-aided diagnosis, therapy planning and simulation.

The coordination work will include the development of key software components in medical image analysis and simulation, the supervision of projects deliverables, the participation at meetings in various European cities (London, Barcelona, Brussels, Oxford,...) .

Requirements

The candidate must have a Phd degree in medical image analysis and have some knowledge of the physical and physiological modelling of the human body in particular an excellent knowledge in cardiac modelling (electrical and/or biomechanical). He/she must have some extensive experience in software engineering in a UNIX and Windows environment and in C++ software development.

The candidate must be totally fluent in English (written and spoken) with experience in writing reports and articles in English.

The candidate must have excellent relational skills and must be an effective team-player.

Practical Information

The post-doc will be hired for a period of 3 years starting in October 2008.

The post-doc will take place in the [Asclepios](#) team, at [the INRIA Sophia-Antipolis](#) research centre located 20 km from Nice airport.

The gross salary (including health care coverage and other benefits) ranges between 2280 euros to 3100 euros per month depending on experience.

Contact Information

Send a curriculum vitae and a motivation letter to the following persons:

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