UNIVERSITÉ DE GENÈVE
CENTRE UNIVERSITAIRE D'INFORMATIQUE

unisanté Centre universitaire de médecine générale et santé publique · Lausanne

Job announcement: PhD position

The Computer Science Centre (CUI), University of Geneva and the Center for Primary Care and Public Health, University of Lausanne (Unisanté) are opening a **PhD position** in exposure modeling and computing.

The research project, funded by the Velux Foundation, aims at developing a **numerical model to assess the external and inner exposure of the eye to sunlight and artificial light sources**. It will make use of 3D computer techniques and methods with data available in the eye physiology literature.

This project is being carried out in collaboration with the Ophthalmology Department of the Hôtel-Dieu and the Biomedical Research Centre of Cordeliers in Paris, France.

Profile: The successful candidate has a Master in computing sciences and a keen interest for experimental work or alternatively, a Master in engineering sciences (e.g. physics, environmental sciences) and a strong interest and experience in modeling and computing. Knowledge in the field of 3D, in particular, rendering (lightning, raytracing...) is a plus.

The position, funded through a grant from the Velux Foundation, corresponds to a 4 year 100% according to the regulation of the Swiss National Foundation for PhD students (c.f. web site).

The working language is English or French.

Workplace: Geneva, with stays at Lausanne (Switzerland)

Apply by sending a letter of motivation to Laurent.Moccozet@unige.ch explaining your qualifications to work on this project as a PhD student, CV, and 2 letters of recommendation.

Contact address:
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