FULL-TIME RESEARCH AND TEACHING ASSISTANT POSITION
IN BIOMEDICAL IMAGE ANALYSIS
BRUSSELS SCHOOL OF ENGINEERING

Reference : 2022/S128
Application deadline: 30/07/2022
Start date : 01/10/2022

Job Description
The candidate will be expected to conduct high-quality research, leading to a Ph.D. degree, in the field biomedical image analysis and to take part in LISA-IA Research Group. The topic of the research will be finalised jointly with the candidate and the supervisor. The major research field targeted concerns image registration as well as segmentation and classification of objects of interest in biomedical images.

The candidate will also take part in various educational activities (supervision of Master’s theses, projects, laboratories and exercises) in the Bachelor and Master’s programme of the Brussels School of Engineering.

Skills required
- Autonomy, reliability, high motivation
- Ability to work in multidisciplinary teams
- C1 level in French and B2 level in English are required
- Innovative and creative thinking
- Strong interest in research and teaching
- Good knowledge of the fields taught, knowledge of the biomedical field is a plus
- Ability to design an active and motivating teaching device for the courses concerned

Courses covered
Two assistants will share the workload for: (course titles are given in the teaching language)
- TRAN-H-100 Introduction aux sciences appliquées (32h)
- TRAN-H-201 Projet multidisciplinaire II et gestion de projet (orientation biomédicale)
- INFO-H-400 Medical Information Systems
- INFO-H-500 Image acquisition and processing
- PROJ-H-419 Biomedical engineering project in image analysis
- INFO-H-501 Pattern recognition and image analysis
- INFO-H-502 Virtual reality
- INFO-H-503 GPU computing (previously “GPU/FPGA parallel programming”)
Interested?

For more information, please de Olivier DEBEIR (Olivier.Debeir@ulb.be), Christine DECAESTECKER (Christine.Decaestecker@ulb.be) et Gauthier LAFRUIT (Gauthier.Lafruit@ulb.be).

Applications must be sent by e-mail to the rectorate of the Université Libre de Bruxelles (rectrice@ulb.be) and to the faculty deanship (le-doyen-polytech@ulb.be).

They must include the following:

- a motivation letter
- a Curriculum vitae including a list of publications: 
  if you want you can complete a standard form via our website
- a note on the applicant’s PhD research project (4 pages)
- two letters of reference

Equal opportunities policy

ULB’s personnel management policy is geared towards diversity and equal opportunities.

We recruit candidates on the basis of their skills, irrespective of age, gender, sexual orientation, origin, nationality, beliefs, disability, etc.

Would you like to be provided with reasonable accommodation in the selection procedure because of a disability, disorder, or illness? Please contact Marie Botty, the person in charge of diversity aspects for the academic and scientific staff (marie.botty@ulb.be). Be assured of the confidentiality of this information.


You will find all the regulations relating to research careers on our site at http://www.ulb.ac.be/emploi/academique.html.