2 FULL TIME RESEARCH AND TEACHING ASSISTANT POSITION

IN ELECTRICAL ENGINEERING

BRUSSELS SCHOOL OF ENGINEERING

Reference: 2019/S086
Application deadline: 30/04/2019
Start date: 01/10/2019

Job Description

These jobs of teaching assistant consist in a half-time teaching (for BA and MA students) and a half-time research in the field of Electrical Engineering.

- the teaching part is devoted to mentoring students in exercises, labs, projects, internships and master thesis.
- the second half is devoted to a PhD Thesis (on a subject to be determined in the research fields of the BEAMS/Electrical Energy Research Unit) under the supervision of a professor of the Department

The courses and research of BEAMS/Electrical Energy are in several fields of electrical engineering (electricity, power systems, electrical drives, power electronics, renewable energies).

See http://beams.ulb.ac.be/research-units/electrical-energy

Bachelor courses are in taught in French and Master courses are in taught in English.

Skills required

- will to invest in a teaching activity and to develop pedagogical competences
- commitment to carry out a PhD thesis
- team spirit, maturity and rigour

Courses covered

ELEC-H-3001 – Electricité appliquée
ELEC-H-201 – Electricité et électronique
ELEC-H-312 – Power electronics
ELEC-H-406 – Electrical drives
ELEC-H-413 – Electric power systems

And possibly:
ELEC-H-412 – Design and control electrical machines
Interested?

For more information, please contact Mr Johan Gyselinck (telephone: +32 2 650 26 69 – E-mail: johan.gyselinck@ulb.ac.be).

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

They must include the following:

- a motivation letter
- a Curriculum vitae including a list of publications (a template can be downloaded at http://www.ulb.ac.be/tools/CV-type.rtf)
- a note on the applicant’s PhD research project (4 pages)
- two letters of reference

By sending in their application, applicants acknowledge they have read and understood the additional information and the regulations relevant to research staff, available at the following address http://www.ulb.ac.be/emploi/academique.html.