Academic vacancy in structural analysis and renovation techniques

Start date: 01/09/2020

Vacancy Reference: FSA2020-3

Description of the course load:

A part-time (0.05 FTE), indivisible position in the field of structural analysis and renovation techniques.

The position falls within the Department of Architecture, Geology, Environment and Construction (ArGEnCo). It essentially comprises teaching activities aimed at developing students’ skills in relation to current practices and approaches in the business world.

Teaching activities:
This post will include several courses, for a total equivalent to 5ECTS, taught in French, mainly for students of the Master in Civil Engineering Architecture and Master in Civil Engineering Construction and the complementary Master in Restoration and Conservation of Immovable Cultural Heritage:

ARCH2011-1 Sustainable Building Technologies IV: renovation of buildings - Q2 - 2 ECTS (4 ECTS in the future)

PATR2242 History of technical equipment and integration of contemporary comfort: heating, ventilation, insulation energy performance - Q1 - 3 ECTS (2 ECTS in the future)

The post-holder will be expected to contribute their skills and expertise in the following areas:
- General context and issues of renovation, demolition, deconstruction/reuse and transformation;
- Presentation and explanation of techniques specific to a renovation project;
- Domain-specific regulations and certifications;
- Integration and updating of innovative issues (reuse / C2C / LCA / upcycling, etc.)
- Relationship between construction techniques and architectural space;
- Structural analysis of existing buildings;
- Structural design of a contemporary intervention, given the pre-existing built context.

The successful post-holder will also be invited to contribute to the supervision of workshops, final projects and internships related to their field of expertise.

The teaching will be based on the post-holder’s industrial experience and will be illustrated with real cases demonstrating the solutions and approaches implemented within companies.

Research Activities:
At the post-holder’s initiative and depending on opportunities.
Community-related activities:

At the post-holder’s initiative and depending on opportunities.

Qualifications required:

- Strong industrial expertise and experience in the relevant field;
- Ability to teach in English.

Selection procedure:

Applications will be subject to a pre-selection on the basis of a dossier by a selection commission created by the School of Engineering. Successful candidates will then be invited to an interview which may include the presentation of a sample lesson.

Applications:

Candidates are requested to send their applications electronically to the following address: Postesacademiques@uliege.be with a copy to Ms. Aurélie Lecca - Aurelie.Lecca@uliege.be by 24 February at the latest.

Required documents:

- A letter of application;
- A complete curriculum vitae;
- A teaching plan presenting the way in which the candidate intends to transmit their professional expertise and experience in their teaching and highlighting the opportunities for developing collaborations between the academic and industrial worlds provided by the applicant.

Conditions of recruitment:

The post will be appointed for an initial renewable period of three years.

Information:

Any further information can be obtained from the School of Engineering, Ms Aurélie Lecca - tel: +32 4 366 94 68 –Aurelie.Lecca@uliege.be

Salary scales and application procedures are available from the human resources department of the University: Ms Ludivine Depas - tel: +32 4 366 52 04 – Ludivine.Depas@uliege.be