Faculty of Architecture

Academic vacancy in the field of “Parametric Architecture”

Date of entry into post: 01/02/2021
Vacancy reference: FA2021-1

Description of the course load:

A full-time, indivisible position in the field of Parametric Architecture, withing the Faculty of Architecture. This course load includes a maximum of 250 hours of teaching, including seminars and practical work, in addition to research activities in the field of specialisation and services to the community.

Teaching activities:
The missions of the successful applicant may therefore include:

- Revision of mathematics for all students in the Bachelor of Architecture programme;
- Raising awareness of applied, Euclidean, and non-Euclidean geometry in the Bachelor’s of Architecture programme;
- The organisation of a Master’s course on contemporary digital practices and data-oriented design, a course aiming to train Master’s students in parametric modelling techniques and computational ways of thinking;
- The organisation of a Master’s workshop the implement the digital continuum from data acquisition to digital manufacturing;
- Supervision of final pieces of work in the specialised area.

Courses that may be included

ARCH0111-1  Mathematics (24 hours theory, 24 hours practical)
ARCH0083-1  Geometry (12 hours theory-practical)
ARCH0595-1  Digital culture and data-oriented design (40 hours theory), Master’s programme
ARCH0582-1  Workshop on the digital continuum (80 hours practical), Master’s programme

The applicant must be able to present specialised classes in English.

Research Activities:
The applicant is expected to develop national and international research activities in the specialised area and to have a high quality scientific publications in accordance with the standards of the discipline. The candidate will also be involved in international networks on the theme.
Activities for the benefit of the community:

The successful applicant will be involved in community activities, such as promoting their field of research, architecture in general, and ULiège to the general public and potential students. They will also play an active role in the life of the Faculty of Architecture and the Institution by participating in research, teaching or management bodies.

Qualifications required / profile:

- Hold the title of doctoral thesis in a field related to the teaching and research activities: Architecture, Science (Mathematics) or Architectural Engineering;
- Have a strong background and/or experience in mathematics and geometry and be able to deliver courses on parametric modelling practices and tools that provide access to all or part of the digital continuum and interactions with the BIM process;
- Demonstrate an interest in the study of digital practices in SMEs;
- Show an openness towards interdisciplinary approaches to promote digital culture;
- Demonstrate leadership in establishing research areas, carrying out research, promoting cooperation and collaboration between researchers;
- Training in higher education teaching is an asset.

Applications:

Applicants are requested to submit their applications electronically, to the following address: Postesacademiques@uliege.be with a copy to Jacques Defer, Jacques.Defer@uliege.be, no later than 31 October 2020.

Required documents:

- Applications should be accompanied by a complete curriculum vitae;
- A report on past and current research activities and a research plan, including the envisaged integration within the University of Liège;
- A teaching file including a report on any prior teaching activities and a teaching plan;
- A complete list of the applicant’s publications and a copy of the five publications they consider to be most significant in relation to the area in question.

Conditions of recruitment:

The position shall be assigned either from the outset on a permanent basis or for a fixed term of four years, which may lead to the permanent appointment of the person concerned.

In the case of a four-year appointment, an evaluation of the person concerned will be carried out at the end of the third year.

- If the evaluation is negative, the person concerned will complete the four-year term but will not be able to extend it.
- If the assessment is positive, the person concerned shall be appointed on a permanent basis.

Information:

Any further information can be obtained from Mr Jacques Defer - Jacques.Defer@uliege.be
Remuneration:

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