Part-time academic vacancy in the field of Didactics of Mathematical Sciences

Start date: 1 September 2021

Description of the course load:

A part-time (50%), indivisible, position in the field of **Didactics of Mathematical Sciences** within the Department of Mathematics / Interfaculty Teacher Training Centre (CIFEN). This half-post includes teaching, research and services to the Community.

Teaching activities:

The teaching assignments will be within the framework of the *didactics of mathematics* and related fields. The post may include the following courses:

In the framework of the AESS and the Master's in Mathematics for Teaching Purposes:

- Special didactics in mathematics: lessons and exercises (Part I)
- Special didactics in mathematics: placements (Part I)
- Special didactics in mathematics: lessons and exercises (Part II)
- Special didactics in mathematics: placements (Part II)

Within the framework of the CAPAES:

- Professional didactics and support with practice (mathematics)
- Integration portfolio (jointly administered)

Each year, the successful candidate will propose a list of thesis topics for the Master's in Mathematical Sciences for Teaching Purposes. They will supervise relevant theses.

The post-holder may be assisted by a Cifen training assistant and by staff of the Mathematics Department on an occasional basis, during courses on didactics or when supervising placements.

The successful candidate may be involved in other courses within the Mathematics Department, for example, a course in the history of mathematics.

Research Activities:

The successful candidate will be involved in managing and developing research activities in mathematical didactics (organisation of and participation in seminars, colloquia, doctoral or summer schools, supervision of doctoral students, etc.). In particular, it is expected that the candidate will continue to publish articles in journals in the field. They are also encouraged to develop collaborations with ULiège members whose research and interests are close to their own areas of expertise.

Services to of the Community:

Like any member of the Mathematics Department, the candidate must be available, at least once a year, for an information session on mathematical science studies. The candidate is also expected to take an active part in in-service training for secondary school teachers. They will have to play an important role in implementing and monitoring the reform of the initial teaching

training, whatever form this reform may take. Like any member of the Cifen, the candidate will have to attend Cifen councils and other activities of the Centre (summer schools, various committees, working groups).

Qualifications required / profile:

The candidate will hold a doctorate in the didactics of mathematics. They will have experience of teaching the didactics of mathematics at university or college level and will have demonstrated the ability to conduct research through scientific publications. Field experience in secondary education is an asset.

Selection procedure:

The selection procedure will be in accordance with the regulations applied within the University of Liège.

Applications:

Applicants are requested to submit their applications electronically, to the following address: Postesacademiques@uliege.be with a copy to francoise.motte@uliege.be **no later than 2 April 2021.**

Required documents:

- ✓ Applications should be submitted (with a cover letter), accompanied by a complete curriculum vitae (see the procedures on the website of the Faculty of Sciences at: https: //www.sciences.uliege.be/emploi-sciences) ;
- ✓ 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 copy of any publications (electronic version).

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.

Our institutional policy is based on diversity and equal opportunities. We select candidates on the basis of their qualities whatever their age, sexual orientation, origin, beliefs, disability or nationality.

Information:

Any further information can be obtained from **Ms Françoise Motte** - tel: +32 4 366 36 52 – francoise.motte@uliege.be

Salary:

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