

## **Open tenured or tenure-track academic position in Data Representation and Engineering**

The University of Liège (ULiège) invites applications for a tenured or tenure-track full-time academic position in “Data Representation and Engineering” in the Department of Electrical Engineering and Computer Science (Montefiore Institute) of the School of Engineering and Computer Science, to be filled ideally by September 1<sup>st</sup>, 2021.

### [The University of Liège](#)

Founded in 1817, the [University of Liège](#) offers a complete range of university courses at undergraduate and postgraduate levels. It is divided into eleven faculties: Philosophy and Letters; Law, Political Science and Criminology; Sciences; Medicine; Applied Sciences; Veterinary Medicine; Psychology and Education; HEC Management School; Human and Social Sciences; Gembloux Agro-Bio Tech; and Architecture.

### [The Department of Electrical Engineering and Computer Science \(Montefiore Institute\)](#)

At the [School of engineering and computer science](#) of the University of Liège, the [Department of Electrical Engineering and Computer Science \(EECS\)](#) offers several programs to undergraduate and graduate students. Since the end of the 19<sup>th</sup> century, it has developed a leading-edge tradition in teaching and research in a range of basic and applied topics in various areas of Information and Communication Technologies, Computer Science, Electronics, Power Systems and Applied Mathematics, and it targets its efforts to contribute in application fields of societal importance, such as biomedical engineering, materials, energy systems, information systems, robotics, and transportation.

The department has a long-standing tradition of international recruitment at the Faculty level, and organizes all its Master's programs in English.

### [Description of the position](#)

The new faculty member will join the EECS department and develop theoretical and/or applied research on data representation and engineering, with a focus on e.g. (i) the foundations and architectures of databases, such as relational, non-relational, object-oriented, graph-oriented, distributed, temporal, probabilistic, or incomplete databases (ii) methods, languages and tools for representing and reasoning on semantic data and knowledge, (iii) metadata management, data provenance, data protection.

He/she will also take part in the teaching activities in computer science, data science, and computer engineering, both at the undergraduate (Bachelor) and graduate (Master) levels, e.g. on databases, advanced databases, large-scale data systems, and knowledge representation and reasoning.

The selected candidate will be appointed either for a tenured position, or for a 4-year tenure track with a possibility to get tenure after 3 years.

## Qualifications

- A Dr or PhD degree;
- A high-level research experience in Computer Science or Computer Engineering;
- A strong commitment in both fundamental and applied research, and a strong interest for teaching

## Selection procedure

Application files will be reviewed by a committee, and short-listed candidates will be invited to a hearing, which includes a short lesson on a given topic.

## Application procedure

Applications must be sent by email to [Postesacademiques@uliege.be](mailto:Postesacademiques@uliege.be) with reference “Charge à temps plein en Représentation et ingénierie des données”, before **February 15, 2021**.

A copy should also be sent to **Mrs Aurélie LECCA** – [Aurelie.Lecca@uliege.be](mailto:Aurelie.Lecca@uliege.be) and **Prof. Guy LEDUC** (Department Chair) – [Guy.Leduc@uliege.be](mailto:Guy.Leduc@uliege.be)

The application should include

- a letter of motivation,
- a resume with a complete list of publications,
- a summary of past research and a research plan for the next three years (max. 3500 char.),
- a description of teaching experience (max. 3500 char.),
- a copy and a description of the five most significant publications, and
- the name and address of three international experts, not at the University of Liège, for reference.

## Information

- Additional information about the research and educational activities is available from the Department Chair: **Prof. Guy LEDUC** – +32 4 366 26 98 – [Guy.Leduc@uliege.be](mailto:Guy.Leduc@uliege.be)
- Any additional information can be obtained from the School of Engineering and Computer Science: **Mrs Aurélie LECCA** – +32 4 366 94 68 – [Aurelie.Lecca@uliege.be](mailto:Aurelie.Lecca@uliege.be)

## Remuneration

Remuneration scales and how they are applied are available from the University’s Human Resources department: **Mrs Ludivine DEPAS** – +32 4 366 52 04 – [Ludivine.Depas@uliege.be](mailto:Ludivine.Depas@uliege.be)