

Opening for a Permanent Scientist position (Research Logistician) in the Research Unit of Chemical Engineering at the University of Liège

The Research Unit of Chemical Engineering at University of Liège (Belgium) hires a Logistician to supervise its equipment platform dedicated to the **multi-scale characterization of porous systems**.

The main equipment currently in the platform consists of:

- Nitrogen adsorption-desorption devices.
- Mercury porosimeters.
- Helium and mercury pycnometers.
- X-ray microtomographs
- X-ray macrotomograph.

Besides the specificities of the individual pieces of equipment, the set of characterization devices constitutes an exceptional platform by the range of scales covered (from nm to cm), by the diversity of systems that can be analyzed (catalytic materials, thin layers, biological tissues, formulated products, fixed-bed (bio)reactors, etc.), in connection with their broad spectrum of applications (photocatalysis, electrochemistry, drying, gas purification, etc.).

A description of the activities related to this platform can be found at <https://www.chemeng.uliege.be>

Duties of the logistician

- Assist in applied research projects involving the multi-scale characterization of porous systems, both within the Research Unit and externally within the framework of academic or industrial collaborations.
- Scientific management of the platform for optimal operation of the equipment (development of measurement and data processing protocols, standardized or specific depending on the application) and diversification of research and service activities.
- Equipment maintenance and investment planning, including contribution to the drafting of projects related to the use, renewal or expansion of platform equipment.
- Organization and administrative management of activities, including financial management.
- Integration of the platform's equipment into teaching activities (mainly postgraduate, Master and PhD's).
- Contribution to educational/promotion activities (visits to the facilities, preparation of posters and didactic material and popularization).

Candidate profile

- Expertise in characterization of porous systems.
- A PhD in Engineering or Sciences is mandatory for this position.

Recruitment conditions

The candidate will either be offered a permanent position or a four-year position, possibly followed by a permanent position subject to assessment. The assessment for a permanent appointment will take place no later than the end of the third year.

Information

Additional information can be obtained from :

Professor Angélique LEONARD, Director of « Chemical Engineering » Research Unit - Phone : +32 (0)4 366 44 36 – email : A.Leonard@uliege.be

Submission of applications

Applications must be submitted by regular mail to the dean of the School of Engineering, no later than 31 August 2019 :

Professor Eric DELHEZ, Dean
Faculté des Sciences Appliquées
Quartier Polytech 1 – Bât. B37
Allée de la Découverte, 12
Sart Tilman
4000 Liège - Belgique

The complete application file should include

- a curriculum vitae
- a cover letter
- a document specifying the candidate credentials in the fields relevant to the equipment of the platform, as well as her/his vision to carry out the missions entrusted to him/her (maximum 3 pages).

An electronic version of the complete file should also be sent by email to doyen.fsa@uliege.be (with copy to A.Leonard@uliege.be).