

EURAXESS

# Job offer

JOB

BELGIUM

[Université de Liège \(ULiège\)](#) | Posted on: 3 June 2024

## PhD positions in physical chemistry / nanotechnology

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3 Jun 2024

## Job Information

<b>Organisation/Company</b>	Université de Liège (ULiège)
<b>Department</b>	Euraxess ULg
<b>Research Field</b>	Chemistry » Physical chemistry Physics » Chemical physics
<b>Researcher Profile</b>	First Stage Researcher (R1)
<b>Country</b>	Belgium
<b>Application Deadline</b>	8 Sep 2024 - 23:59 (Europe/Brussels)
<b>Type of Contract</b>	Temporary
<b>Job Status</b>	Full-time
<b>Hours Per Week</b>	38
<b>Offer Starting Date</b>	1 Oct 2024
<b>Is the job funded through the EU Research Framework Programme?</b>	H2020 / ERC
<b>Reference Number</b>	101054338
<b>Is the Job related to staff position within a Research Infrastructure?</b>	No

## Offer Description

2 PhD positions are available in the group of Prof. A.-S. Duwez, in the framework of the ERC Advanced Grant project *ChemForce* (<https://cordis.europa.eu/project/id/101054338>).

We are looking for highly motivated PhD candidates to join our team dedicated to Single-Molecule Force Spectroscopy (SMFS). You will be part of the NANOCHEM group (<https://www.nanochem.uliege.be>), Department of Chemistry and UR MoISys, of the University of Liege. You will join several other postdoctoral researchers, PhD students and staff (chemists and physicists) carrying out experimental research on Atomic Force Microscopy (AFM)-based SMFS and Optical Tweezers-based SMFS. You will have access to a wide range of in-house experimental facilities and a network of leading international collaborations.

## Where to apply

**E-mail** asduwez@uliege.be

## Requirements

**Research Field** Other  
**Education Level** Master Degree or equivalent

### Skills/Qualifications

You hold a master in chemistry, physics, engineering or equivalent.

Excellent knowledge of English (spoken and written).

Resourceful, ambitious and internationally oriented.

Capability to work in a team as well as independently, problem-solving attitude.

### Specific Requirements

Excellent knowledge of English (spoken and written).

**Languages** ENGLISH

**Level** Excellent

## Additional Information

### Benefits

You will study the mechano-chemical properties of functional molecules and molecular machines using single-molecule force spectroscopy.

You will be introduced to the ongoing research.

You will contribute with your own expertise and will receive additional training.

You will carry out research at the highest international standards.

### Eligibility criteria

Interested candidates should send a CV, letter of motivation, the names and email addresses of 2 senior scientists willing to act as their referees, and a description of research accomplishments during the master to:

Prof. Anne-Sophie Duwez

email: [asduwez@uliege.be](mailto:asduwez@uliege.be)

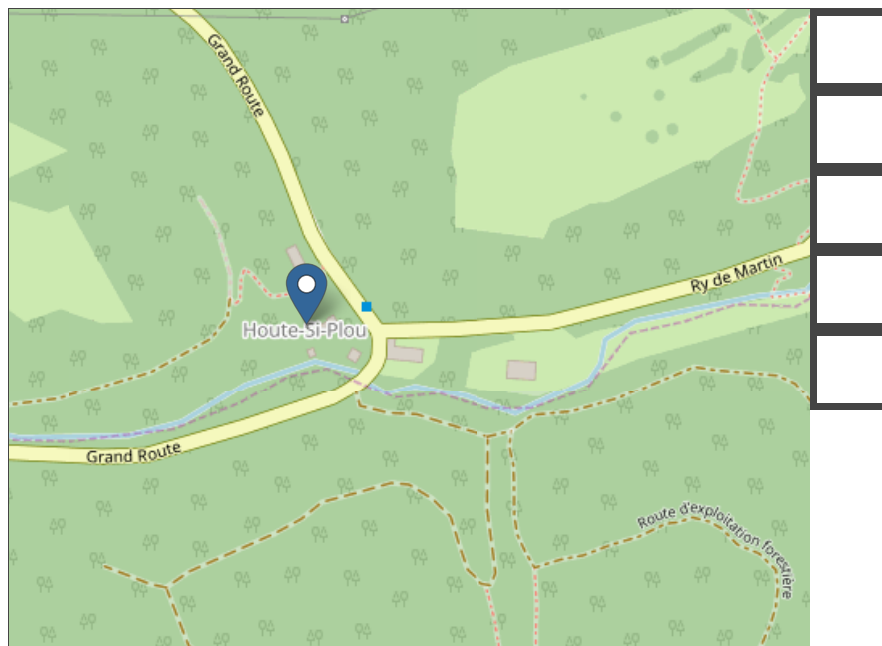
Applications that do not contain all the required documents will not be considered.

Website for additional job details

<https://www.nanochem.uliege.be>

## Work Location(s)

Number of offers available	2
Company/Institute	University of Liège
Country	Belgium
City	Liège
Postal Code	4000
Geofield	



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## Contact

City	Liège
Website	<a href="http://www.uliege.be">http://www.uliege.be</a> <a href="https://www.nanochem.uliege.be">https://www.nanochem.uliege.be</a>
Street	Place du 20-Août, 7 bat A1
Postal Code	4000
E-Mail	asduwez@uliege.be

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