

## **PhD student positions in a ERC AdG team**

4 PhD positions (4 years) 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 MoSys, 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.

### **Responsibilities**

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.

### **Profile**

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.

### **Selection process**

Interested candidates should send a CV and letter of motivation to:

Prof. Anne-Sophie Duwez

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