



PhD positions in Plasma Physics and Chemistry

You have a master's degree in science or an engineering degree and would like to continue with a **PhD** on an exciting topic in the fields of **plasma physics and chemistry**, join our leading research group. We are opening 2 new PhD positions for May 2024. Come and enjoy at the same time the 1st ranked French University (PSL University), a world recognized research expertise and the French Riviera way of life. With this unique experience in our lab you will definitely participate to the future of energy.

1. DESCRIPTION

You will join the "Thermochemistry and Plasmas" team of the PERSEE research center which is one of the worldwide leaders in its field. You will take part of one of our challenging projects for energy transition and will contribute to the development of promising solutions for the future of energy and to the reduction of the greenhouse gases emission. The PhD subjects proposed here are application-oriented ones included in a vast research program.

In the frame of the PhD, your tasks will be:

- Bibliography, state of the art
- Physics-based calculation and simulation
- Laboratory experimentation
- Process optimization
- International articles writing
- Meetings, conferences and workshops

Within these **36 months**, you will also have the opportunity to take part of international conferences in plasma physics and chemistry and exchange with several famous researchers of the field. The PhD diploma gives you the chance to become an expert on a high-level topic.

2. GRADUATION AND SKILLS EXPECTED

- Master or engineering degree in **Chemistry** or Physics.
- Knowledges in plasma physics and/or chemistry will be appreciated.
- A good level in English is needed.

3. SALARY

Gross monthly salary: 2450€.

4. LOCATION

PERSEE research center, Mines Paris - PSL, Sophia Antipolis (06), FRANCE.

Please send a CV and a cover letter to: vandad-julien.rohani@minesparis.psl.eu and maxime.spinnato@minesparis.psl.eu