



VACANCY NOTICE

COORDINATOR OF THE ATTOLAB-ORME LABORATORY M/F

General information

Post number: 2020-12169

Recruitment open to: internal and external candidates

Directorate: The Directorate for Fundamental Research (DRF), implemented on all civilian centers of the CEA, has as its main objective to undertake fundamental research in relation to the missions of the CEA in the fields of physics, chemistry and life sciences, in which its excellence is internationally recognized.

Organizational unit: The Interactions, Dynamics and Lasers Laboratory (LIDYL) undertakes fundamental research in the radiation-matter interaction area in high power/intensity and ultrashort duration regimes. LIDYL hosts, among others, the state-of-the-art ATTOLab-Orme facility, dedicated to ultrafast dynamics studies in gas and solid phases. This facility includes Titanium:Sapphire lasers generating ultrashort pulses (~20 fs) in the IR at 1 and 10 kHz, as well as secondary attosecond XUV radiation sources based on high-harmonic generation.

Location: France, Ile-de-France

Site: Paris-Saclay

Job Description

Field: Radiation-matter interaction

Contract type: Permanent

Title: Coordinator of the ATTOLab-Orme Laboratory (M/F)

Detailed description: The vacancy concerns the Coordinator of the ATTOLab-Orme Laboratory. Under the responsibility of the LIDYL (<http://iramis.cea.fr/LIDyL/>) Director, the ATTOLab-Orme Coordinator assumes the scientific leadership of the ATTOLab-Orme laboratory, dedicated to the ultrafast dynamics studies in dilute and condensed matter at the femto- and attosecond time scales.

More specifically, the incumbent will:

- Ensure the scientific coordination of the ATTOLAB-Orme users consortium;
- Develop a high-level scientific research program within the AttoPhysics group of LIDYL;
- Ensure, after a period of adaptation, the scientific leadership, as well as the management of the financial and human resources of the AttoPhysics group;
- Organize and schedule the ATTOLAB-Orme users' access to the facility based on the recommendations of the dedicated internal and external Program Committees;

- Ensure the administrative and financial follow-up of the facility, manage its operation budget and actively contribute to raising additional funds;
- Enforce the implementation of the internal safety policies to ensure safe operation of the facility;
- Liaise with the other national and European laser facilities and infrastructures;
- Enhance the visibility of the facility through specific communication actions.

Required qualifications:

- Internationally recognized high-level scientific expertise in radiation-matter interaction, ultrafast dynamics, attosecond science;
- Ability to design, prepare and submit scientific funding applications;
- A high-quality funding CV with demonstrated success in competitive calls;
- Demonstrated experience in the management of a research group, including the management of its financial and human resources;
- Demonstrated ability to persuade and inspire staff, and to aggregate forces around common projects and goals;
- At least 10 years of research experience after Ph.D.;
- Fluency (oral and written) in English language.

Important: application/selection procedure

The recruitment will be based on an open international competition.

Candidates must apply online via the [CEA career website](#) and by emailing a complete file to philippe.martin@cea.fr.

The application file will contain:

- a CV;
- a comprehensive record of professional achievements (publications, fellowships, awards, etc...);
- a cover letter highlighting the motivations for applying to this post;
- a research project (10 pages maximum) describing in particular how it would strengthen and/or complement the current LIDYL programs;
- contact data of three professional references.

Application deadline: May 31st, 2020 - 23:59 CEST.

A limited number of candidates will be invited for a panel interview at the CEA Paris-Saclay in the period July-September 2020.