



October 19<sup>th</sup>, 2018

## Open CNRS Permanent Researcher Position at LOA Laboratory

We are seeking a Researcher for a permanent position available at LOA among the CNRS National Institute to conduct experimental research in the field of intense laser-plasma interaction.

Scientific program includes topics related to ultrafast laser-plasma science, particle acceleration, ultrafast coherent and incoherent X-ray sources, relativistic laser-plasma interaction and QED experiments.

The successful candidate will have the opportunity to run experimental research with state-of-the-art laser-plasma facilities available at the National laser infrastructure APOLLON PW-laser system and the in-house systems available at LOA. LOA is doing independent, cutting-edge and curiosity driven science and contribute to advancing an exciting field of research.

### Minimum Job Requirements:

- Demonstrated ability to carry out independent and collaborative research in experimental relativistic laser-matter interaction or a closely related discipline (publications as first author, invited conferences, etc...).
- Sound academic training in fundamental laser-matter interaction physics.
- Significant hands-on research experience in a laboratory laser-matter physics environment.

### Desired Skills:

- Experience in laser-plasma physics; intense femtosecond lasers, relativistic laser-matter interaction.
- Experience in designing and operating laser-plasma experiments.
- Experience with data analysis.
- Familiarity with numerical simulations of laser plasma interaction.

### Education:

- A Ph.D. in experimental plasma physics or very closely related discipline, earned within the last five years.

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#### *Adresse géographique*

LOA/ENSTA-ParisTech  
181 Chemin de la Hunière  
et des Joncherettes  
91120 Palaiseau FRANCE

#### *Adresse postale*

ENSTA-ParisTech  
828 Boulevard des Maréchaux  
91762 Palaiseau cedex  
FRANCE

#### *Adresse de Livraison*

ENSTA-ParisTech  
Campus Ecole Polytechnique  
1024 Boulevard des Maréchaux  
91120 Palaiseau, FRANCE



## Notes to Applicants:

- Interested candidates should, at first, send their inquiries, cover letter, CV including a list of peer-reviewed publications and invited talks, and the names and contact information of one or several references to the Director of LOA (antoine.rousse@ensta-paristech.fr)
- The cover letter should address the minimum job requirements and desired skills of this position, point by point, with specific examples from your academic and research experience.

## Additional Details on the recruitment process:

- This available CNRS position for LOA takes place through a competitive admission process, or « concours ». CNRS Researchers are civil servants. The eligibility phase will then include two stages: pre-selection by the appropriate appointments committee, based on a review of candidates' application dossiers, followed by an interview with the appropriate appointments committee for pre-selected candidates.
- The CNRS application procedure will take place from December 3<sup>rd</sup>, 2018 to January 4<sup>th</sup>, 2019.
- Applicants from any citizenship can apply.
- Contacting LOA is compulsory as a first step, the sooner the better, and likely before the start of the CNRS application procedure.

## More info on LOA activities and location:

<http://loa.ensta-paristech.fr>

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