



## **18 Postdoctoral Fellowships for Energy and Information Technologies Grenoble and Paris-Saclay, France**

The Division of Technological Research and the Division of Physical Science of [CEA](#) are preeminent players in the European Research Area for renewable energies and information technologies.

In order to sustain its new **FlagShip Program** in these areas, CEA invites applications for **18** two years postdoctoral fellowships on Nano Electronics and Photonics, Renewable Energies and Advanced functional materials. This program will provide interdisciplinary training with renowned supporting staff and research opportunities in state of the art facilities for excellent young scientists strongly motivated by working at the forefront research in any of the following topics:

1. **Ultimate microelectronic**- project leaders: [simon.deleonibus@cea.fr](mailto:simon.deleonibus@cea.fr) and [marc.sanguer@cea.fr](mailto:marc.sanguer@cea.fr)
2. **Photonics on silicon**-project leaders: [vincent.calvo@cea.fr](mailto:vincent.calvo@cea.fr) and [vincent.reboud@cea.fr](mailto:vincent.reboud@cea.fr)
3. **DNA Self Assembly of NanoObject** -project leaders:[didier.gasparutto@cea.fr](mailto:didier.gasparutto@cea.fr) and [xavier.baillin@cea.fr](mailto:xavier.baillin@cea.fr)
4. **New organic batteries** -project leaders: [thibault.gutel@cea.fr](mailto:thibault.gutel@cea.fr) and [lionel.dubois@cea.fr](mailto:lionel.dubois@cea.fr)
5. **Alternative catalysts for fuel cells**-project leaders: [pascale.maldivi@cea.fr](mailto:pascale.maldivi@cea.fr) and [pierre-andre.jacques@cea.fr](mailto:pierre-andre.jacques@cea.fr)
6. **In operando characterization of devices and systems**-project leaders: [gerard.gebel@cea.fr](mailto:gerard.gebel@cea.fr), [francois.rieutord@cea.fr](mailto:francois.rieutord@cea.fr) and [patrick.gergaud@cea.fr](mailto:patrick.gergaud@cea.fr)

### Qualifications of candidates.

The applicants should hold a PhD in physics, chemistry or engineering, acquired in first class universities or research institutes with experience related to the different topics of the program. The working language is English and knowledge of French language is not necessary.

### Location and research environment.

The host Institutes are located in Grenoble and Paris-Saclay. They provide an international research environment with well renowned and dynamic teams as well as state of the art facilities for technologies, analysis and computing.

### Applications.

Applicants should select one or more topics of the Flagship program and send by email to the contacts listed above, their curriculum vitae with a statement of their interest and relevant work. The positions are open until they filled by appropriate candidates. Applicants are selected in a competitive process.

Bright candidates with a strong qualification and experience could be eligible to the [CEA Enhanced Eurotalents](#) program funded by the European Commission and operated by CEA to promote and to support the mobility of scientists.