6 Excellence Research 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 **6** Excellence Research Fellowships on Nano Electronics and Photonics, Renewable Energies and Advanced functional materials. This program will provide collaborative working with renowned staff and research opportunities in state of the art facilities for senior scientists strongly motivated by working at the forefront research in any of the following topics:

- **Ultimate microelectronic**- project leaders: simon.deleonibus@cea.fr and marc.sanquer@cea.fr
- **Photonics on silicon-**project leaders: vincent.calvo@cea.fr and vincent.reboud@cea.fr
- **DNA Self Assembly of NanoObject** -project leaders:didier.gasparutto@cea.fr and xavier.baillin@cea.fr
- **New organic batteries** -project leaders: thibaut.gutel@cea.fr and lionel.dubois@cea.fr
- **Alternative catalysts for fuel cells**-project leaders: pascale.maldivi@cea.fr and pierre-andre.jacques@cea.fr
- **In operando characterization of devices and systems**-project leaders: gerard.gebel@cea.fr, francois.rieutord@cea.fr and patrick.gergaud@cea.fr

Qualifications of candidates.

The applicants should hold a PhD in physics, chemistry or engineering with a postdoctoral experience acquired in first class universities or research institutes 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 technologies, analysis and computing facilities.

Duration

Partial time (with a minimum of 3 months per year) or full time (with maximum of 18 months) senior fellowships will be proposed.

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.