

Eurotalents



Eligible researchers



Experienced researcher :

- being already in possession of a doctoral degree

Or

- having at least 4 years of research experience after obtaining the university diploma that formally gives them access to doctoral studies in the country in which the degree/diploma was obtained or in the host country;

Mobility and Nationality
Conditions :

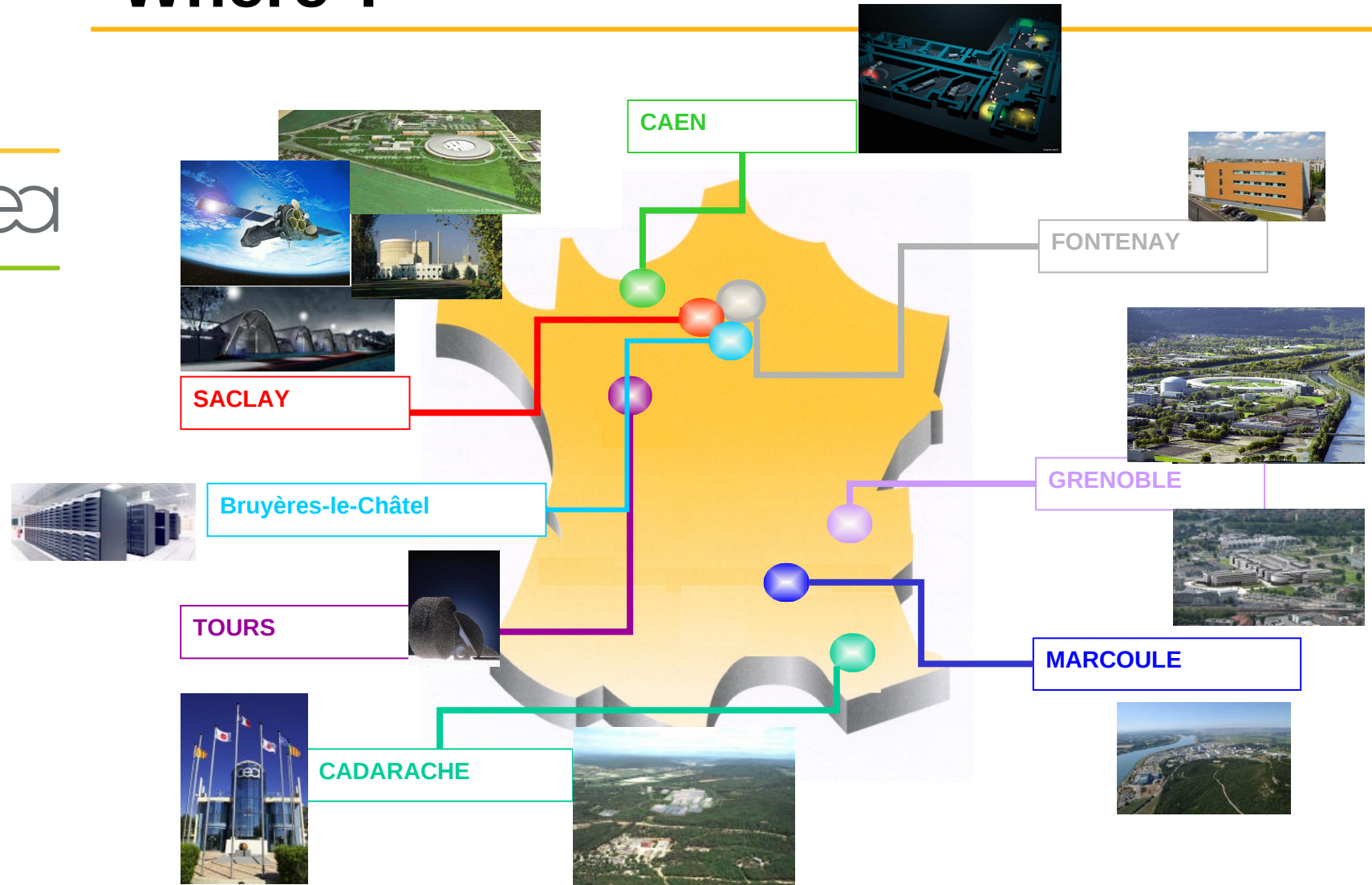
- Researchers must be nationals of another country than France and not have resided or carried out their main activity (work, studies, etc) in France for more than 12 months in the 3 years prior to the relevant deadline for submission.

Or

- French citizen if they have had their legal have resided or carried out their main activity (work, studies, etc) in France for more than 12 months in the 3 years prior to the relevant deadline for submission.

Where ?

cea



Outstanding laboratories working on very innovative and challenging scientific area



- 1) Energy, environment and climate change,**
 - 2) Life sciences and biotechnology,**
 - 3) Microelectronics, nanosciences and nanotechnologies,**
 - 4) Science and technology of high performance computing,**
 - 5) High energy physics, high energy density physics and astrophysics.**
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How to postulate ?



A devoted web-site will give all the information to apply and submit a proposal,

The proposal will be evaluated by international, independent experts,

Launching of the devoted web : second half of 2009.

CEA EUROTALENTS, A 4-YEARS PROGRAM
 aimed at transnational mobility of experienced researchers
 co-funded by the european commission

WHO CAN PARTICIPATE ?

- **Experience level conditions**
 - either be in possession of a doctoral degree (doctorate or PhD),
 - or have at least 4 years full-time equivalent experience of research after a Master's degree.
- **Nationality conditions**
 - either be a non french citizen scientist with a principal research activity in France for less than 12 months during the last 3 years,
 - or be a French citizen having carried out a principal research activity in another country than France for at least 2 years in the last 3 years.

Contact: eurotalents@cea.fr

HOW TO APPLY ?

1. The applicant registers online at <http://eurotalents.cea.fr/> with a CV;
2. In case of eligibility, CEA Eurotalents scientific counsellors identify top level CEA laboratories meeting the applicant's expectation and skills;
3. A list of possible host laboratories at CEA is proposed to the applicant, usually within a two-weeks period upon receipt of the initial registration form;
4. The applicant elaborates a research project with a contact person in one of the laboratories. The project may be proposed for a period up to 3 years and worked out before the end of the program (February 28th 2013);
5. Upon reception by CEA Eurotalents, the proposal is sent to an international panel of three experts that independently review the proposal;
6. Applicants with successful proposals are contacted individually to initiate recruitment at CEA.

SELECTION CRITERIA INCLUDE:

- | | |
|--|--|
| <ul style="list-style-type: none"> ■ research proposal <ul style="list-style-type: none"> • scientific/technological quality, • relevance, originality and innovative nature of the project, • schedule, methodology and adapted use of human and material resources offered by CEA; | <ul style="list-style-type: none"> ■ applicant <ul style="list-style-type: none"> • scientific maturity of the applicant, based on research accomplishments (publications, patents, advanced courses), • qualification to conduct the project, • personal commitments. |
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ORGANIZATION OF THE PROGRAM

- 65 research projects of 2-years (130 if 1-year) are expected to be funded during the 2009-2013 period,
- applications to CEA-Eurotalents are processed in a continuous manner.

Application to the program:
<http://eurotalents.cea.fr>

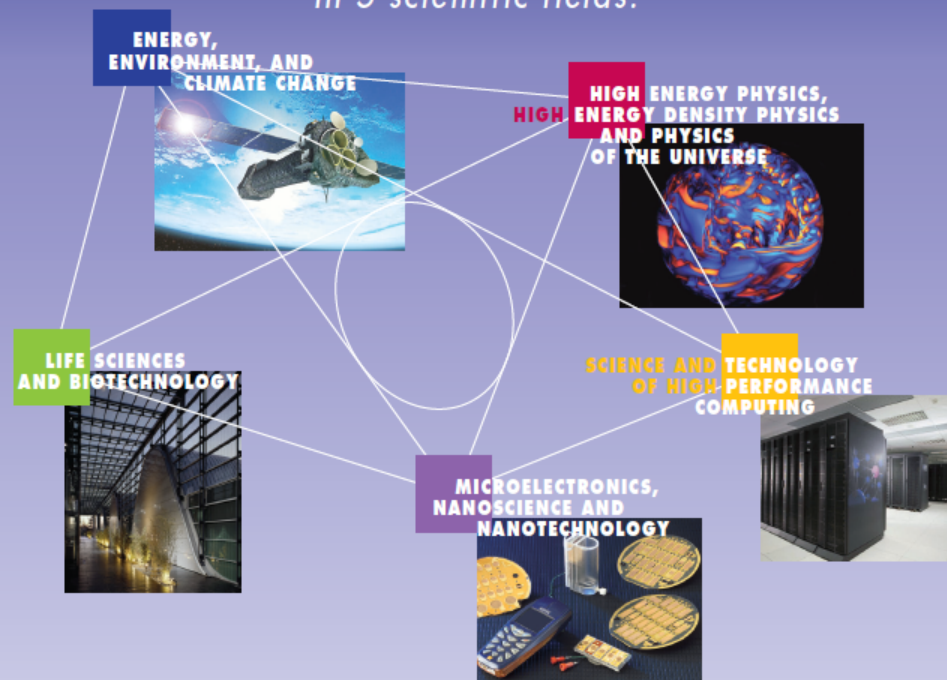


énergie atomique • énergies alternatives

Eurotalents

NEW fellowship OPPORTUNITIES

In 5 scientific fields:



At CEA,
 a French public body devoted to technological research
 including significant fundamental research activities

- 700 laboratories in 7 regions throughout France,
- 5000 senior scientists, 1240 PhD students and 340 Postdoctoral fellows from over 30 different countries,
- 4000 publications/year in international peer reviewed journals,
- 590 licensing patents, 120 start-up companies created since 1984.



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WHERE WILL YOU WORK ? *in one of the 9 following sites*

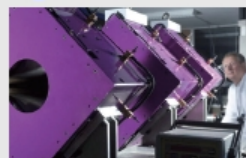
WHICH PROJECTS ARE CONCERNED ? *in 5 innovative and challenging domains**

1 SACLAY



- Embedded systems, interactive systems
- Environment and climate change
- NeuroSpin: High-field NMR imaging
- Modeling of systems, materials and structures for power production
- Nanoscience, nano objects
- Physical Chemistry for energy and environment
- Biology and Biotechnology
- Astrophysics; Ultimate constituent of matter; Nuclei in extreme states; High energy density physics

2 CAEN



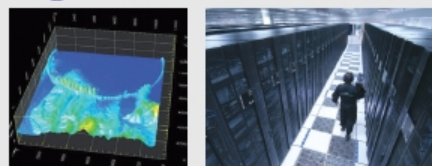
- Ganil accelerator for heavy ions, with Spiral 2

3 FONTENAY-AUX-ROSES



- MIRCen: pre-clinical imaging platform;
- NeuroPrion platform
- Software-intensive technologies; Robotics and virtual reality
- Biology and Biotechnology, including postgenomic facilities at Evry

4 BRUYÈRES-LE-CHÂTEL



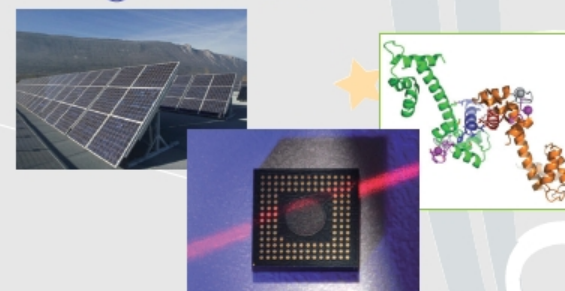
- Ter@tec, a Scientific Computing Complex, with several petaflop/s expected
- Environmental and natural risks prevention
- High density physics; Warm dense matter; Astrophysics

5 LE RIPAUT



- Organic and ceramic materials;
- SOFC, PEM electrolysis, High temperature electrolysis, batteries

6 GRENOBLE



- Micro and nanotechnologies Minatéc®
- Clinatéc®, pre-clinical platform
- Postgenomic biochemistry
- Nanosciences and nanocharacterization
- Structural biology facilities, including ESRF, ILL
- Hydrogen fuel cells; Li-ion batteries and solar energy at INES

7 CESTA



- High energy lasers.

8 CADARACHE



- 3rd generation bio fuels
- High energy physics
- High temperature process for energy conversion

9 MARCOULE



- Chemical engineering
- Environmental biology and biotechnology

EUROTALENTS DOMAINS:

- **Energy, environment, and climate change**
- **High energy physics, high energy density physics and physics of the universe**
- **Life sciences and biotechnology**
- **Science and technology of high performance computing**
- **Microelectronics, nanoscience and nanotechnology**

* Except those covered by Euratom Treaty.

Eurotalents

NEW FELLOWSHIP
opportunities

WHO CAN PARTICIPATE?

Eurotalents is a European programme for **transnational mobility** (open to people from European or third countries) of **experimented researchers** (holding a doctoral degree or having at least 4 years of research experience after the diploma giving access to doctoral studies).

WHERE WILL YOU WORK ?

Within CEA world class laboratories.



WHICH SCIENTIFIC AREA CAN BE SELECTED?

Are eligible **highly innovative and challenging** scientific domains corresponding to **crucial society issues** (except those covered by the EURATOM Treaty):

- A. Energy, environment and climate change,
- B. Life sciences and biotechnology,
- C. Microelectronics, nanosciences and nanotechnologies,
- D. Science and technology of high performance computing,
- E. High energy physics, high energy density physics and astrophysics.

HOW TO POSTULATE ?

You will find more information about Eurotalents and its independent experts based selection process on :

<http://eurotalents.cea.fr>