

## The NANOSCIENCES FOUNDATION launches a call for 3 Chairs of Excellence

### 2011 Call for application

#### The Nanosciences Foundation

The Nanosciences Foundation is fostering research in Grenoble (France) focused on "Nanosciences at the frontiers of nanoelectronics". The Foundation is supporting a network of **32 laboratories** gathering about **1000 scientists** across the various research institutions based in Grenoble. The Foundation's main goals are to **foster a world-class** Nanosciences Research in the network's laboratories by encouraging collaborative and multidisciplinary projects.

#### Description

The program Chairs of Excellence has been created to attract talented researchers to Grenoble to develop a research project in emerging fields of nanosciences in one of the network's laboratories. The Chairs of Excellence are open to both junior and senior scientists, available for full time or part time position in Grenoble; the contract duration can vary from 9 months (which might be split over three years) to 3 years.

The award package includes an internationally competitive salary, social security, travel expenses and research support for hiring a PhD student and a post-doc and additional fund for operating costs to reinforce the successful candidate's research activities.

The hosting period may start from January 2012.

#### Fields of expertise

We are seeking outstanding candidates in the general field of nanosciences and nanotechnology. The candidates will preferably have a strong expertise/background in one or several of the following fields:

- Quantum nanoelectronics
- Nanomagnetism and spin electronics
- Nanophotonics
- Molecular electronics
- Nanomaterials, nanostructuration
- Nanocharacterization and metrology
- Nano-approaches to life sciences \*
- Nanomodeling, theory and simulation

\* In 2011, the Foundation is willing to support at least one Chair of Excellence whose subject would be at the edge of nanosciences and biology / medicine, as long as excellence criteria are fulfilled.

#### The applicants

The applicants must have a strong academic record. They must propose an innovative and ambitious research project that they will build in association with one or several laboratories of the network.

#### How to apply

Candidates are invited to visit the Nanosciences Foundation's website:

[http://www.fondation-nanosciences.fr/RTRA/en/200/Chairs\\_Program\\_2011.html](http://www.fondation-nanosciences.fr/RTRA/en/200/Chairs_Program_2011.html).

There are all the details about the Foundation's scientific focuses, contacts, as well as guidelines for applications. The application template is also available on this web page.

**The proposals must be submitted online before 2011, September 1<sup>st</sup>.**