

## The Ph. D. Program of the NANOSCIENCES FOUNDATION

### 2010 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 Ph. D. program of the Nanosciences Foundation is a three year program to support Ph. D. training of selected students. This support covers all areas of interdisciplinary research dedicated to Nanosciences and Nanotechnology. The thesis will be prepared in one of the network's laboratories on a topic related to 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.

The net salary is about 1500 €/month during 36 months, including health care insurance (income tax not deduced).

#### The applicants:

The program is open to highly talented and motivated students of any nationality. Students from different backgrounds (biology, chemistry, physics, engineering, mathematics) who can demonstrate a strong interest in the field of Nanosciences are welcome. Applicants should have the equivalent of a master's degree obtained outside of France, and must be fluent in English language. They must have contacted one of the laboratories of the network and be able to propose a research project built in agreement with the chosen laboratory.

#### How to apply:

Candidates are invited to visit the Nanosciences Foundation's website, on page "Ph. D. Foundation Program": [http://www.fondation-nanosciences.fr/RTRA/en/201/PhD\\_Program\\_2010.html](http://www.fondation-nanosciences.fr/RTRA/en/201/PhD_Program_2010.html) to find guidelines for applications and contacts.

The template for the final proposal is also available on the Website.

The proposals must be **submitted to the Foundation before 2010, April 15<sup>th</sup>**.

