



# PhD Studentships in Molecular Biophysics

Further information and application forms are available at <http://phd-iit.sns.it>

## Research Areas

Advanced topics in nanobiotechnology and nanomedicine such as:

- Advanced characterization tools and imaging in-vitro and in-vivo
- Design and fabrication of active optical nanoprobe as intracellular reporters
- Modeling and monitoring of single bioevents
- Intelligent drug delivery
- LAB-on-a-chip technologies
- Nanotechnologies for controlled cell differentiation
- Smart Magnetic Resonance Imaging probes

Details of IIT's and NEST's research activities can be found at [www.iit.it](http://www.iit.it) and at [www.laboratorionest.it](http://www.laboratorionest.it)

## Application deadline

Monday, September 20, 2010

## Questions?

Request concerning details about the research activity are welcome and may be addressed to: Prof. Fabio Beltram ([f.beltram@sns.it](mailto:f.beltram@sns.it)), or Dr. Stefano Luin ([s.luin@sns.it](mailto:s.luin@sns.it))

## Eligibility/Duration

PhD research studentships will start November 1st, 2010. The duration of the grant is four years and successful candidates will be enrolled in the PhD programme in Molecular Biophysics of the IIT-Scuola Normale Superiore in Pisa (Italy).

The research activities will take place within the NEST-SNS (National Enterprise for nanoScience and nanoTechnology) and the IIT (Italian Institute of Technology), in a highly dynamic and multidisciplinary environment.

Studentships will be awarded by open competition. Candidates should possess a Master Degree/University Diploma in Biology, Chemistry, Physics or related fields.

It is strongly recommended for non-European candidates to take the ETS GRE – Subject Test in “Chemistry”, “Physics”, or “Biochemistry, Cell and Molecular Biology”.

## Contact address (for applications)

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