

Ph.D course in Physics and Chemistry of the Biological Systems

Sector: Statistical and Biological Physics

Head of the Ph.D course: Prof. Cristian Micheletti

Web site: www.sissa.it/sbp/

Research lines:

- Kinetics, mechanics and thermodynamics of biopolymers: atomistic and coarse-grained approaches
- Simulation of rare events in biomolecules
- Atomistic simulations of metal-containing proteins responsible for human diseases
- Drug discovery for diseases caused by protein misfolding and aggregation

Number of fellowships available: 5

Admission: Academic and scientific qualifications + written exam + oral exam

Evaluation of academic and scientific qualifications: 10 points

Access to Written Exam: all candidates

Evaluation of Written Exam: 30 points

Access to Oral Exam: minimum mark of 21/30 in the written exam evaluation

Evaluation of Oral Exam: 60 points

Total Evaluation: 100 points

Eligibility: 70 points

First Session

Deadline for online submission of applications: April 1, 2010

Written Exam: April 14, 2010

Oral Exam: April 15, 2010

Second Session (only if there should still be places available after the first one)

Deadline for online submission of applications: September 23, 2010

Written Exam: October 11, 2010

Oral Exam: October 12, 2010

The results of the written and oral exams and the final ranking will be published in ways that will be communicated during the exams.

The **final ranking** will also be published on the SISSA web site. Access to the page will be allowed to candidates only.