Ph.D course in Geometry and Mathematical Physics

Head of the Ph.D course: Prof. Jacopo Stoppa

Web site: **Geometry and Mathematical Physics**

Research lines:

- Integrable systems, and their applications in Mathematical Physics and Geometry
- Noncommutative geometry (bundles, connections, quantum groups)
- Mathematical aspects of Quantum Field Theory and String Theory
- Mathematical Methods of quantum mechanics
- Algebraic geometry (deformation theory, moduli spaces, invariants)
- Complex differential geometry and generalised geometry.

Fellowships available: 8

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

Beginning of the Courses: 1 October, 2019

Evaluation of academic and scientific qualifications: 10 points

Access to Written Exam: minimum mark of 7/10 on academic and scientific qualifications

Evaluation of Written Exam: 40 points

Access to Oral Exam: minimum mark of 28/40 in the written exam evaluation

Evaluation of Oral Exam: 50points

Total Evaluation: 100 points

Eligibility: 70 points

First Session

Deadline for online submission of applications: 12 March, 2019

Written Exam: 25 March, 2019
Oral Exam: 26 March, 2019

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

Deadline for online submission of applications: 22 August, 2019

Written Exam: 11 September, 2019
Oral Exam: 12 September, 2019

Admission to the written exam and results of all evaluations will be notified by email.