

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, random matrices, nonlinear waves, Frobenius manifolds
- Deformation theory, virtual classes, derived geometry, moduli spaces
- Quantum groups, noncommutative geometry
- Mathematical methods of quantum mechanics
- Mathematical aspects of quantum field theory and string theory
- Symplectic geometry, sub-riemannian geometry
- Complex differential geometry, generalized geometry

Fellowships available: 8

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

Beginning of the Courses: 1 October, 2020

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: 50 points

Total Evaluation: 100 points

Eligibility: 70 points

First Session

Deadline for online submission of applications: 3 March, 2020

Written Exam: 25 March, 2020

Oral Exam: 26 March, 2020

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

Deadline for online submission of applications: 15 July, 2020

Written Exam: 8 September, 2020

Oral Exam: 9 September, 2020

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