

Ph.D course in Theoretical Particle Physics

Head of the Ph.D course: Prof. Marco Serone

Web site: [Theoretical Particle Physics](#)

Research lines:

- Formal aspects of Quantum Field Theories
- Conformal Field Theories
- String Theory, AdS/CFT duality and applications
- Supersymmetric Field Theories
- Quantum Gravity
- Physics beyond the Standard Model and at the LHC
- Flavour Physics

Fellowships available: 5

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

Beginning of the Courses: 2 October, 2023

Evaluation of academic and scientific qualifications: 20 points

Access to Written Exam: minimum mark of 14/20 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: 40 points

Eligibility: minimum mark of 28/40 in the oral exam evaluation

Deadline for online submission of applications: 7 March, 2023

Written Exam: 22 March, 2023

Oral Exam: 23 and 24 March, 2023

Results of all evaluations and the final ranking will be notified by email.