Ph.D course in Theoretical Particle Physics

Head of the Ph.D course: Prof. Francesco Benini
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: 1st October, 2024

<table>
<thead>
<tr>
<th>Evaluation of academic and scientific qualifications:</th>
<th>20 points</th>
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<tbody>
<tr>
<td>Access to Written Exam:</td>
<td>minimum mark of 14/20 on academic and scientific qualifications</td>
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<tr>
<td>Evaluation of Written Exam:</td>
<td>40 points</td>
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<tr>
<td>Access to Oral Exam:</td>
<td>minimum mark of 28/40 in the written exam evaluation</td>
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<tr>
<td>Evaluation of Oral Exam:</td>
<td>40 points</td>
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To be considered eligible, candidates must pass all the phases (academic qualifications, written test, and interview) with a minimum mark of 7/10 or equivalent

Deadline for online submission of applications: 4th March, 2024

Written Exam: 20th March, 2024
Oral Exam: 21st and 22nd March, 2024

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