<table>
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<tr>
<th>PhD programme joint with Istituto Nazionale di Fisica Nucleare (INFN):</th>
<th>PHYSICS</th>
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<tbody>
<tr>
<td>President:</td>
<td>Prof. Dario Pisignano</td>
</tr>
<tr>
<td>Department:</td>
<td>Dipartimento di Fisica “Enrico Fermi” – Largo B.Pontecorvo 3 56127 Pisa</td>
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<td>Admission requirements:</td>
<td>All Master’s degrees</td>
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<td>Outcome of the selection procedure:</td>
<td>Ranking of the research project in: “Experimental gravitational wave physics”</td>
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**PhD Positions Available**

<table>
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<tr>
<th>Positions available</th>
<th>1</th>
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<td>of which</td>
<td>1 with grant</td>
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**Supernumerary positions**

Pursuant to Article 6 of the competition announcement, candidates who are eligible for the competition to be admitted in supernumerary must forward, to the email address concorsodottorato@unipi.it, Annex C after having held the interview but no later than three days thereafter on the date of the latter.

**Details:**

1 grant financed by EGO (European Gravitational Observatory) on subject: “Experimental gravitational wave physics”

**Selection criteria:**

**Curriculum**

The curriculum, signed and accompanied by a copy of a valid identification document, must be uploaded only during the application process. The curriculum must provide information about the candidate’s academic education as well as his/her professional and research experience. The candidate must attach any document useful for the assessment of his/her curriculum.

In the Curriculum Vitae, the applicant should explicitly state marks of individual examinations (master’s exams), attended schools, and any other educational and research experience, as well as publications. The applicant is invited to attach (either in electronic format or as an accessible link) a short report on the master thesis (both in the case of already defended thesis and in the case of work still in progress).

The candidate who intends to submit to the evaluation of the Selection Board any document related to his/her academic records held at the University of Pisa, must make an explicit request of acquisition “through office” in the aforementioned curriculum.
During the online application process, the candidate is also required to indicate, the names and contacts (email address and phone number) of two professor or scholar/researcher available to provide and upload references by **5 June 2019**, following the instructions directly provided via e-mail to the professor or scholar/researcher.

**Grade:** with a maximum grade of 20 points

The list of candidates who are invited to take a written examination will be published at [http://dottorato.unipi.it/](http://dottorato.unipi.it/) “Admissions” should take place at least five days before the written examination.

**Written examination**

The written test will be aimed at verifying the cultural prerequisites. The written test will include a dissertation on scientific topics related to Gravitational Wave Physics. The candidate may carry out the test in Italian or English.

**Minimum grade:** 24 out of 40

The test schedule (where applicable) and venue, will be published the 30 of May 2019 at [http://dottorato.unipi.it/](http://dottorato.unipi.it/) - "Admission and enrolment".

**Interview**

The interview will assess the candidate’s knowledge, her/his aptitude for research, openness to academic experiences in Italy and abroad, and an interest in scientific deepening.

**Minimum grade:** 24 out of 40

The test schedule (where applicable), with the indication of the venue, will be published on May 30, 2019 at [http://dottorato.unipi.it/](http://dottorato.unipi.it/) - "Admission and enrolment".

Web conference: **NO**

**Guidelines for the presentation of the PhD Research project**

Required: **NO**

**INFO:**

**Overview and objectives of the PhD course:**

The PhD in Physics at the University of Pisa is the most advanced educational stage towards a career in scientific research. A wide range of scientific fields is covered, including both experimental and theoretical research. PhD students in Physics at the University of Pisa are embedded in international collaborations, benefiting from the tight synergy established between our research groups and public and private research bodies, as well as other Universities. Main research fields encompass experimental High-
| Energy Physics, Theoretical Physics, Physics of Matter, Astronomy and Astrophysics, Medical Physics. |
| Website: [phd.df.unipi.it](http://phd.df.unipi.it) |