



		ACADEMIC YEAR 2019/2020	
PhD programme joint with Istituto Nazionale di Fisica Nucleare (INFN):	PHYSICS		
President:	Prof. Dario Pisignano		
Department:	Dipartimento di Fisica "Enrico Fermi" – Largo B.Pontecorvo 3 56127 Pisa		
Admission requirements:	All Master's degrees		
Outcome of the selection procedure:	Ranking of candidates for the whole PhD programme		
PhD Positions Available	Positions available 15	of which	11 with grant 4 without grant
	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 <a href="mailto:concorsodottorato@unipi.it">concorsodottorato@unipi.it</a> , Annex C after having held the interview but no later than three days thereafter on the date of the latter.	
Details:	6 grants financed by Università di Pisa 1 grant financed by INO-CNR on subject "Study of laser-plasma interactions at high and very high intensities for generating radiation and high-energy particles" 3 grants financed by INFN 1 grant financed by INFN (Pisa) on subject "Test of the standard model by precision measurement of the muon properties"		
Selection criteria:			
Curriculum	The curriculum, signed and accompanied by a copy of a valid identification document, must be uploaded <b>only</b> during the application process. The curriculum must provide information about the candidate's academic education as well as his/her professional and research experience. <b><u>The candidate must attach any document useful for the assessment of his/her curriculum.</u></b> 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		

	<p>work still in progress).</p> <p>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.</p> <p><b>Grade: with a maximum grade of 20 points</b></p>
	<p><b>The list of candidates who are invited to take a written examination will be published at <a href="http://dottorato.unipi.it/">http://dottorato.unipi.it/</a> "Admissions" should take place at least five days before the written examination.</b></p>
<b>Written examination</b>	<p>The written test will be aimed at verifying the cultural prerequisites. The written test will include a dissertation on fundamental topics of Physics, to be properly contextualized in current research, and in terms of future development. The candidate may carry out the test in Italian or English.</p> <p><b>Minimum grade: 24 out of 40</b></p> <p><b>The test schedule (where applicable) and venue, will be published the 30 of May 2019 at <a href="http://dottorato.unipi.it/">http://dottorato.unipi.it/</a> - "Admission and enrolment".</b></p>
<b>Interview</b>	<p>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.</p> <p><b>Minimum grade: 24 out of 40</b></p> <p><b>The test schedule (where applicable) and venue, will be published the 30 of May 2019 at <a href="http://dottorato.unipi.it/">http://dottorato.unipi.it/</a> - "Admission and enrolment".</b></p> <p><b>Web conference:</b> <input type="checkbox"/> NO</p>
<b>Guidelines for the presentation of the PhD Research project</b>	<p>Required: <input type="checkbox"/> NO</p>
<b>INFO:</b>	<p><b>Overview and objectives of the PhD course:</b></p> <p>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.</p> <p><b>Website:</b> <a href="http://phd.df.unipi.it">phd.df.unipi.it</a></p>