



**PhD IN
PHYSICS**
(under the agreement with the Istituto Nazionale di Fisica Nucleare)
ADMISSION INFORMATION

DISCLAIMER: this is an overview of the main deadlines and a partial checklist. Exhaustive information, including how to register for the selection, is published in the Admission Announcement posted in the web page <http://www2.units.it/dott/en/> >> Admission Announcement.

<i>Deadline for the online application and upload of the documents required</i>		30 July 2015 1:00 p.m. (ITALIAN TIME)	
<i>Deadline for paying the exam registration (application) fee</i>		30 July 2015	
<i>For Italian degrees: deadline for completion</i>		31 October 2015	
<i>For foreign degrees: the deadline for completion is anticipated to enable the Examining Board to assess their equivalence</i>		30 July 2015	
<i>Documents required</i>		1. form "List of documents" (available at http://www2.units.it/dott/en/ >> Admission Announcement >> Application forms) with the list of all the documents uploaded/sent for the application. If the form is not duly filled in and uploaded the Examining Board will not assess the documents attached.	
	<i>The maximum score that can be assigned for each item is indicated. The overall assessment of the qualifications is made up of the sum of these scores (check the assessment criteria below)</i>	2. detailed curriculum vitae et studiorum, with a special focus on pre-PhD activities	12
	3. a for degrees awarded in Italy: self-certification of the exams and scores b for foreign degrees: transcript of records plus a scan of the original diploma (for two-level courses, eg Bachelor + Master's, both diplomas must be scanned and uploaded) plus a concise summary of the courses taken		

		4. Graduate Record Examination (GRE) Subject Test in physics (or else chemistry or mathematics) if any	
		5. a for degrees awarded in Italy: a concise summary of the research activity carried out for the thesis (“laurea vecchio ordinamento” or “laurea specialistica/magistrale”) b for foreign degrees : a concise summary of the research activity carried out for the Master’s thesis	2
		6. a a statement of purpose, where the candidate must also state the area of study s/he would choose for his/her research activity b two recommendation letters to be sent by two professors / researchers who know the candidate to the email account: dottorato.fisica@units.it subject: "Recommendation letter for NAME SURNAME" following the template downloadable from http://df2.units.it/sites/df.units.it/files/pagina/allegati/Letter%20of%20recommendation_TEMP_LATE.doc	4
		7. Publications (if any)	2
		8. a short essay dealing with an open scientific problem in contemporary physics, describing the state of the art in the field and proposing a possible way to make progress (use the template downloadable from: http://df2.units.it/sites/df.units.it/files/pagina/allegati/Research_essay_Template.docx). The essay will be discussed during the interview and will be used to assess the applicant’s skills and aptitude to scientific research and it is not to be necessarily understood as the project that will be carried out during the PhD programme.	0

PLACES, SCHOLARSHIPS, RESEARCH GRANTS AVAILABLE			
<i>Total number of places available (excluding R/2 R/3 – see below)</i>		13	N.B.: Candidates who accept an earmarked scholarship are committed to the pre-assigned topic. University of Trieste
<i>without scholarship</i>		2	
<i>with scholarship</i>		11	
<i>Scholarships/Research grants</i>	M/1 – 4	4	

<i>available with indication of the code, total number and funding body</i>	C/5 – 7	3	Istituto Nazionale di Fisica Nucleare
	D/8	1	Department of Physics funded by ELETTRA – SOCIETA' SINCROTRONE TRIESTE S.C.p.a. di Interesse Nazionale ai sensi Legge 370 dd. 19/10/1999 (Project title "EXPERIMENTS WITH SYNCHROTRON RADIATION")
	D/9	1	Department of Physics funded by ELETTRA – SOCIETA' SINCROTRONE TRIESTE S.C.p.a. di Interesse Nazionale ai sensi Legge 370 dd. 19/10/1999 (Project title "DEVELOPMENT OF NOVEL FREE ELECTRON LASER RADIATION SOURCES")
	D/10	1	Department of Physics funded by INAF – Osservatorio Astronomico di Trieste (Project title "GALAXY CLUSTERS IN THEIR INFANCY: CONFRONTING SIMULATED AND OBSERVED IR/SUB-MM PROPERTIES")
	D/11	1	Department of Physics funded by ICTP – Centro Internazionale di Fisica Teorica "Abdus Salam" (Project title: TOPICS OF ICTP INTEREST see: http://www.ictp.it/research.aspx scholarship reserved for candidates from Countries NOT included in the list of "High-income economies" compiled by the World Bank http://data.worldbank.org/about/country-and-lending-groups)
<i>Reserved places with scholarships/research grants available for graduates at universities abroad [R/1] with indication of the code, total number and funding body</i>	R/1	0	--
<i>Reserved places with no PhD scholarship provided</i>	R/2	0	
	R/3	0	
<i>PhD students from foreign universities may be admitted with a joint supervision of their thesis</i>			Yes
<i>Erasmus Mundus PhD students from foreign universities may be admitted on a joint supervision of their thesis</i>			Yes
<i>Erasmus Mundus PhD students from foreign universities may be admitted on international mobility programmes</i>			Yes

THE SELECTION PROCEDURE

<i>Academic qualification required: see Announcement (art. 2 - Requirements)</i>	
<i>"Lauree vecchio ordinamento" awarded in Italy</i>	All
<i>"Lauree specialistiche" awarded in Italy</i>	All
<i>"Lauree magistrali" awarded in Italy</i>	All
<i>Selection criteria</i>	Qualifications + oral examination/interview
<i>Maximum final score (the final score is based on the sum of the marks obtained in the interview plus the points given for qualifications and publications)</i>	70
<i>Minimum final score required for eligibility</i>	45
<i>Maximum score awarded for qualifications</i>	20
<i>Minimum score required for qualifications</i>	10
<i>Maximum score awarded for oral examination/interview</i>	50
<i>Minimum score required for oral examination/interview</i>	35

<i>Qualifications and publications shall be:</i>	uploaded in the online admission application
	only for publications that are voluminous, as long as they are listed in the form "List of documents" (digital format preferable): email (scan documents file zip maximum 10 MB) to dottorato.fisica@units.it
<i>Examination schedule</i>	<p><i>Oral examination/interview</i> 03 September 2015 at 09:00 am (ITALIAN TIME) at the University of Trieste – room 131, 1. floor - Department of Physics, Via Valerio, 2 – TRIESTE</p> <p><i>Language(s) of the interview</i> Italian/English</p> <p><i>Language(s) tested in the oral examination/interview</i> English</p> <p><i>CEFR (Common European Framework of Reference for Languages)</i> B2</p> <p><i>Videoconference interview</i> By appointment. Candidates will have to send an email to dottorato.fisica@units.it within 30 August 2015 to apply for the videoconference interview and specify all the necessary info for a skype connection. Interview will take place starting from 3 September 2015. Please check 5.2 Admission Announcement.</p> <p>The Videoconference interview form is available at http://www.units.it/dottorati/ >> Admission announcement >> Application forms</p>