



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Area dei Servizi Istituzionali
Settore Servizi agli studenti e alla didattica
Ufficio Dottorati di ricerca

ATTACHMENT 4

LAST REVISED 07/06/2018

**DOCTORAL PROGRAMME in
PHYSICS
(in partnership with the National Institute for Nuclear Physics)
ADMISSION INFORMATION**

[Overview](#)

[Website](#)

[email](#)

Disclaimer: this is only an overview including the main deadlines and a checklist of items to be submitted. Exhaustive information on how to apply for admission is published in the Notice of Competition posted on the web page <http://www2.units.it/dott/en/> >> Notice of Competition.

REQUIREMENT	DEADLINE
online application and upload of documents	14 June 2018 1:00 p.m. (Italian time)
payment of the admission exam fee	14 June 2018
for Italian degrees: deadline for graduation	31 October 2018
for foreign degrees	1 October 2018
submission of foreign degree diploma/certificate (if available by 14 th June, please upload it; beyond that date, please email to dottorati@amm.units.it)	within 10 days of graduation (and in any event not later than 11 October 2018)

Documents to be uploaded (*)	Mandatory / Optional
NOTE: failure to submit the mandatory documents will result in the exclusion of the candidate	
1. proof of identity	mandatory
2. curriculum vitae et studiorum , focusing on experience prior to the PhD and on degree thesis activity (description of techniques acquired, personal contribution, etc)	mandatory
3. university qualifications (Master level): a. for graduates or near-graduates in Italy: self-certification of the examinations and relevant scores of second-cycle degree (<i>Laurea magistrale</i> or <i>specialistica</i>) or single-cycle degree (<i>Laurea</i> , delivered prior to the reformed university system). Only for graduates: self-certification of the degree final mark. Self-certification can be drafted using the form available on http://www2.units.it/dott/en/?file=DottBandi.inc >> application forms, or using the online	mandatory

<p>services of the issuing University, where applicable.</p> <p>b. for graduates from abroad: Master diploma/certificate or equivalent qualification giving access to the Doctoral Programme + Transcript of Records including examinations and scores obtained. Where applicable, a Diploma Supplement can be submitted instead of the Transcript. The academic qualification must be comparable by duration and level (and, where applicable, by subject area) with the Italian degree giving access to the Doctoral Programme and allow access to the PhD in the issuing country.</p> <p>c. for near-graduates from abroad: Transcript of Records including examinations and scores obtained in the academic Programme (Master or equivalent). The Transcript must indicate the name of the qualification to be awarded which must be comparable by duration and level (and, where applicable, by subject area) with the required Italian degree and allow access to the PhD in the issuing country.</p> <p>Please note that if all documents as described in points b. and c. are issued in a language other than English or Italian, a translation must be included, along with the original document (see par. 3.2 of the Notice of Competition).</p>	
<p>4. university qualifications (Bachelor level):</p> <p>a. for graduates in Italy: self-certification of the examinations and relevant scores of first-cycle degree, where applicable; Self-certification can be drafted using the form available on http://www2.units.it/dott/en/?file=DottBandi.inc >> application forms, or using the online services of the issuing University, if available.</p> <p>b for graduates from abroad: Bachelor diploma/certificate or equivalent first-cycle qualification (if applicable) + Transcript of Records including examinations and scores obtained. Where available, a Diploma Supplement can be submitted instead of the Transcript.</p> <p>Please note that if documents as described in point b. are issued in a language other than English or Italian, a translation must be included, along with the original document.</p>	optional
<p>5. degree thesis or dissertation, for graduates and near-graduates: abstract of the degree thesis (i.e. Master degree or comparable qualification) to be drawn up according to the template available on http://www2.units.it/dott/en/?file=DottBandi.inc >> Application forms</p>	mandatory
<p>6. statement of purpose / self-presentation</p>	optional
<p>7. two letters of reference / recommendation from lecturers / researchers NOTE: recommendation to be sent directly by the referees to the email account dottorato.fisica@units.it (subject: "Letter concerning - Surname Name) before 14 June 2018 1:00 pm</p>	optional (*) <i>exception: submission via email</i>
<p>8. publications</p>	optional
<p>9. draft of a research proposal chosen by the applicant. The interview will focus on this item, in particular.</p>	Mandatory1

PLACES, SCHOLARSHIPS, RESEARCH GRANTS AVAILABLE

Total number of places available (excluding reserved places - see codes below: [R/2] [R/3] [R/4] [R/5])	14	<p>Note:</p> <ul style="list-style-type: none"> - Candidates who accept a subject-specific scholarship are committed to the project topic. - Attendance abroad that entitles to a scholarship increase - min. max. of months for each PhD student (over 3 years) are 0 - 18 	
without scholarship – cod [SB(A4)]	2		
with scholarship (A1)	12		
Scholarships/Research grants	M/1-2	2	Scholarship MIUR/University

<i>available with indication of their code, total number and funding body</i>	The topic must be consistent with the PhD sectors/research lines Project link: http://df.units.it/it/ricerca/ambiti/gruppilineediricerca
MD/3	1 Scholarship MIUR/University co-financed by the Department of Physics The topic must be consistent with the PhD sectors/research lines Project link: http://df.units.it/it/ricerca/ambiti/gruppilineediricerca Note: number of months abroad for the purpose of scholarship increase: max 3
C/4-6	3 INFN ISTITUTO NAZIONALE DI FISICA NUCLEARE The topic must be consistent with the PhD sectors/research lines Project link: http://df.units.it/it/ricerca/ambiti/gruppilineediricerca
D/7	1 Scholarship financed by the Department of Physics funded by ELETTRA – SINCROTRONE TRIESTE S.C.p.A. Project title: “Experiments with Synchrotron Radiation” Project link: https://www.elettra.trieste.it/ Note: number of months abroad for the purpose of scholarship increase: max 12
D/8	1 Scholarship financed by the Department of Physics funded by ELETTRA – SINCROTRONE TRIESTE S.C.p.A. Project title: “Development of novel free electron laser radiation sources” Project link: https://www.elettra.trieste.it/ Note: number of months abroad for the purpose of scholarship increase: max 12
MD/9	1 Scholarship MIUR/University co-financed by the Department of Physics with funds allotted to Prof. Fausti (*) Project title: “INCEPT: Inhomogeneities and fluctuations in quantum Coherent matter Phases by ultrafast optical Tomography” Principal investigator: dr. Daniele Fausti – mailto: daniele.fausti@elettra.eu (*) Project funds: UE H2020 - ERC-2015-STG G.A. n. 677488 INCEPT- PI Daniele FAUSTI CUP J96JI6000410006 Note: number of months abroad for the purpose of scholarship increase: max 6
D/10	1 Scholarship financed by the Department of Physics funded by INAF - ISTITUTO NAZIONALE DI ASTROFISICA Project title: “The impact of a variable Initial Mass Function on galaxy evolution” Note: number of months abroad for the purpose of scholarship increase: 0. The funder will cover directly the travel expenses abroad related to PhD activities Principal investigator: Dott. Fabio Fontanot – fabio.fontanot@inaf.it Project link: http://www.oats.inaf.it/ricerca/1.fontanot.pdf
D/11	1 Scholarship financed by the Department of Physics funded by INAF - ISTITUTO NAZIONALE DI ASTROFISICA Project title: a) “Rosetta data fusion” or b) “Atmospheric radiative transfer in climate models of habitable exoplanets” Note: number of months abroad for the purpose of scholarship increase: 0. The funder will cover directly the travel expenses

	abroad related to PhD activities Principal investigator: a) Marco Fulle – marco.fulle@inaf.it b) Giovanni Vladilo – giovanni.vladilo@inaf.it Project link: a) http://www.oats.inaf.it/ricerca/2.a-fulle.pdf b) http://www.oats.inaf.it/ricerca/2.b-vladilo.pdf	
D/12	1 Scholarship financed by the Department of Physics with funds from ICTP - Abdus Salam International Centre for Theoretical Physics. Topics of ICTP interest: http://www.ictp.it/research.aspx Fellowship 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 In case of equal evaluation, preference will be given to candidates having completed one of the following: - ICTP Diploma Programme; - Advanced Master Programme in Medical Physics, a joint Programme between ICTP and the University of Trieste; - Master in High-performance Computing: a joint Programme between ICTP e SISSA Note: number of months abroad for the purpose of scholarship increase: max 12	
<i>Places with scholarships/research grants, reserved for graduates from foreign universities with indication of their code, total number and funding body</i>	R(B)/1 0	
<i>Places without scholarship, reserved for graduates from foreign universities]</i>	R(F)/1 0	
<i>Reserved places without scholarship</i>	<i>Recipients of scholarships granted by foreign countries</i>	R(C)/2 0
	<i>Recipients of scholarships granted under international mobility programmes</i>	R(D)/3 0
	<i>Scholars selected under international agreements or programmes where UniTS is involved as coordinating or partner institution</i>	R(D)/4 0
	<i>Highly-qualified staff employed in research institutes or centres (while remaining on</i>	R(E)/5 0

	salary from the employer)
PhD students from foreign universities admitted under joint supervision of thesis	Yes

TERMS AND CONDITIONS

Academic qualification required: see Notice (art. 2 - Requirements)	
"Lauree vecchio ordinamento" awarded in Italy	All
"Lauree specialistiche" awarded in Italy	All
"Lauree magistrali" awarded in Italy	All
Selection criteria	Qualifications + oral examination/interview Maximum final score: 70 - minimum final score required for eligibility 40
Evaluation criteria	<p>Qualifications (maximum score 20 – minimum final score required 10):</p> <ul style="list-style-type: none"> • curriculum vitae et studiorum maximum score 4 • abstract of the degree thesis maximum score 2 • exams taken maximum score 6 • statement of purpose/self presentation maximum score 4 • 2 letters of reference/recommendation • publications maximum score 2 • draft of a research proposal maximum score 2 <p>Oral examination/interview: maximum score 50 – minimum final score required 30</p>
<p>Note: The Examination Panel may decide to adopt evaluation subcriteria</p> <p>The admission results will be published on http://www2.units.it/dottorati/>> Admission to PhD Programme. The admission process includes the following steps: Assessment of foreign degrees >> Assessment of other qualifications >> Oral examination/interview. The merit list will be published after approval of the exam minutes by the Rector.</p>	
Examination schedule	<p><i>Assessment of qualification</i> from 26 June 2018</p> <p><i>Oral examination/interview</i> 16 July 2018 at 09:00 a.m. (Italian time) at the University of Trieste – room 116 ("sala riunioni"), 1st floor - Department of Physics (building F), Via Valerio, 2 – TRIESTE</p> <p>The Examination Panel may decide to interview candidates on subsequent dates</p> <p><i>Language(s) of the interview</i> Italian/English</p> <p><i>Language(s) tested in the oral examination/interview</i> English (level of knowledge required: CEFR B2)</p> <p>Upon request of the candidates, the interview may be carried out by videoconference via skype.</p> <p>Any candidates, who had not requested a video conference interview at the time of the application, can submit the request for video conferencing by sending an email to dottorato.fisica@units.it up to four working days before the date of the interview, stating the grounds for their request.</p> <p>The Videoconference interview form is available on http://www2.units.it/dott/files/VideoconfInterview.pdf</p> <p>The Examination Panel will meet on 16 July 2018 at the University of Trieste –</p>

room 116 ("sala riunioni"), 1st floor - Department of Physics (building F), Via Valerio, 2 – TRIESTE.

The Panel will contact the candidates to arrange the time of the interview.

SUPPLEMENTARY INFORMATION (following publication of the Notice of Competition)

5 giugno 2018	<ul style="list-style-type: none">- added scholarships D/10 and D/11- total number of places available from 11 to 13- total number of scholarships available from 9 to 11
7 giugno 2018	<ul style="list-style-type: none">- added scholarship D/12- total number of places available from 13 to 14- total number of scholarships available from 11 to 12