



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

ATTACHMENT 4

LAST REVISED 21/05/2019

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

[Overview](#)

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](#).

REQUIREMENT	DEADLINE
online application and upload of documents	17 June 2019 1:00 p.m. (Italian time)
payment of the admission exam fee	17 June 2019
for Italian degrees: deadline for graduation	31 October 2019
for foreign degrees	1 October 2019
submission of foreign degree diploma/certificate (if available by 17 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 2019)

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, publication, etc)	mandatory
3. university qualifications: 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 online, or using the online services of the issuing University, where applicable. b for graduates from abroad:	mandatory

<p>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.</p>	
<p>4. university qualifications (Bachelor level):</p> <p>Note: please upload these items through the section called "Management of qualifications and documents for the evaluation".</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 online, 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. 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 "Thesis Abstract form" available online.</p>	mandatory
<p>6. motivational letter including a statement of research or research interests</p> <p>The interview will focus on the statement of research, in particular. This letter cannot exceed one page (A4-paper size).</p>	mandatory
<p>7. two letters of reference from lecturers / researchers</p> <p>NOTE: the letters must be sent directly by the referees to the email account dottorato.fisica@units.it (subject: "Letter concerning - Surname Name) before 24 June 2019 1 p.m. (Italian time). Be reminded that the deadline for uploading all other items remains 17th June, 1 pm.</p>	optional (*) exception: submission via email

Please note that if you have a degree from abroad, and you have never been enrolled at this University or other Italian university, you must also upload your Secondary Education qualification.

PLACES AND SCHOLARSHIPS AVAILABLE			
without scholarship – cod (SB)		3	<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
with scholarship		14	
Scholarships/Research grants available with indication of their	M/1-3	3	Scholarship MIUR/University The topic must be consistent with the PhD sectors/research lines

code, total number and funding body		Project link: http://df.units.it/en/research/researchareas/researchstrandgroups
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/en/research/researchareas/researchstrandgroups
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 18
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 18
D/9	1	Scholarship financed by the Department of Physics funded by Elettra – Sincrotrone Trieste S.C.p.A. Project title: “Development of <i>SPIN</i> resolved ultrafast spectroscopy” Project link: https://www.elettra.trieste.it/ Note: number of months abroad for the purpose of scholarship increase: max 18
D/10	1	Scholarship financed by the Department of Physics with funds from ICTP - Abdus Salam International Centre for Theoretical Physics. Fellowship reserved for candidates from countries NOT included in the list of the World Bank “High-income economies” 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: <ul style="list-style-type: none"> - 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 and SISSA Project link: http://www.ictp.it/research.aspx Note: number of months abroad for the purpose of scholarship increase: max 3
MD/11	1	Scholarship MIUR/University co-financed by the Department of Physics funded by Project UE H2020 ERC-2016-STG – G.A. n. 716762 ClustersXCosmo – PI Alexandro Saro Project title: “Paving the Way for Upcoming Galaxy Clusters Surveys” Principal investigator: Dott. Alexandro Saro – asaro@units.it Project link: https://alexsaro.wixsite.com/website/erc-clustersxcosmo Note: number of months abroad for the purpose of scholarship increase: max 3
MD/12	1	Scholarship MIUR/University co-financed by the Department of Physics funded by MIUR – PRIN 2017 FERMAT Project no. 2017KFY7XF and by MAECI Italy – Serbia Project no. PGR06529

		<p>Project title: “Modeling and simulations of graphene-based systems and hybrid organic 2D-materials”</p> <p>Principal investigator: Prof.ssa Maria Peressi – peressi@units.it</p> <p>Project link: http://df.units.it/en/research/researchareas/researchgroups/5344</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 3</p>
MD/13	1	<p>Scholarship MIUR/University co-financed by the Department of Physics funded by Prof. Fausti MIUR – PRIN 2017 EXC-INS no. 2017BZPKSZ</p> <p>Project title: “Pump and probe experiments in 2D excitonic insulators”</p> <p>Principal investigator: Prof. Daniele Fausti – email: dfausti@units.it</p> <p>Project link: http://df.units.it/en/research/researchareas/researchgroups/5334</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 3</p>
FSE/14	1	<p>Scholarship funded by the Region Friuli Venezia Giulia - European Social Fund – Operational Programme 2014/2020 – Axis 3.</p> <p>The project/research must be consistent with the objective of integration with the territory as per art. 4 of the Notice of Competition.</p> <p>This scholarship can be allocated only after prior approval of the project draft submitted by the University to the Region FVG. The eligibility criteria are laid down in art. 4 of the Notice of Competition.</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 6</p>
RESERVED PLACES		
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TERMS AND CONDITIONS	
<i>Academic qualification required: see Notice (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>	<p>Qualifications + oral interview</p> <p>Maximum final score: 70 - minimum final score required for eligibility 40</p>
<i>Evaluation criteria</i>	<p>Qualifications (maximum score 20 – minimum final score required 10):</p> <ul style="list-style-type: none"> • curriculum vitae et studiorum including any publications maximum score 6 • abstract of the degree thesis maximum score 2 • exams taken maximum score 6 • motivational letter / statement of research maximum score 4 • 2 letters of reference/recommendation maximum score 2 <p>Interview: maximum score 50 – minimum final score required 30</p>

Note: The Examination Panel may decide to adopt evaluation subcriteria.

The [admission results](#) will be published online. The admission process includes the following steps: Assessment of foreign degrees >> Assessment of other qualifications >> Interview. The merit list will be published after approval by the Rector.

<i>Examination schedule</i>	<i>Assessment of qualification</i>	from 1 July 2019
	<i>Interview</i>	9 July 2019 at 09:00 a.m. (Italian time) at the University of Trieste – room 116 (“sala riunioni”), 1 st floor - Department of Physics (building F), Via Valerio, 2 – TRIESTE The Examination Panel may decide to interview candidates on subsequent dates
	<i>Language(s) of the interview</i>	Italian English
	<i>Language(s) tested in the interview</i>	English (level of knowledge required: CEFR B2) Upon request of the candidates, the interview may be carried out by videoconference via Skype. 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. The Videoconference interview form is available on http://www2.units.it/dott/files/VideoconfInterview.pdf The Examination Panel will meet on 9 July 2019. The Panel may arrange with the candidate a different time for the interview.
	<i>Videoconference interview</i>	

SUPPLEMENTARY INFORMATION (following publication of the Notice of Competition)