DOCTORAL SCHOOL IN PHYSICS

GENERAL DESCRIPTION

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- main area:	COVERED BY THE FIS/01		
- otner areas:	FIS/02, FIS/03, FIS OS:	1. Astrophysics	
		 Condensed Matter Physics Medical Physics Subnuclear and Nuclear Physics Theoretical Physics 	
ORGANIZING DEF OTHER PARTICIP	ATING INSTITUTIO	Dip. di Fisica NS (Italian): - INAF-Istituto Nazionale di Astrofisica - Istituto Nazionale di Fisica Nucleare - ICTP- The Abdus Salam International Centre for Theoretical Physics - Sincrotrone Trieste S.C.p.A Laboratorio Nazionale TASC –IOM CNR	
	ER OF MONTHS TO AGE OF THE SCHO		18
		ADMISSION INFORMATION	
- SCHOLARSHII - FUNDING E - Università (- Dip. di Fis	PS: BODY/IES: degli Studi di Trieste iica (INFN grants)		
Synchrotron - Dip. di Fision - electron las - Dip. di Fision	n radiation" ca (Sincrotrone Tries ser radiation sources ca (INAF grants) ear	rieste ScpA grant) earmarked for the project "Experiments with	
directly	on the basis of the a	agreements with the funders. sed scholarship are committed to the pre-assigned topic	
NON I ONDED I E	1020.	 holders of a research grant (see Art. 1.1 - Requirements) grant-holders funded by the Italian Ministry of Foreign Affairs sittir entrance examination in the country of origin 	ng the
		 non-EU citizens residing abroad with ministerial authorisation and permi sit the entrance examination in the country of origin 	
	OMPLETION OF DE	ED: see Announcement (art. 1.1 - Requirements) EGREE:	
ADMIOSION NEWS		FINAL SCORE: the final score is based on the sum total of marks obtained the written examination and interview plus the points given for qualification and publications:	ns
		MINIMUM FINAL SCORE REQUIRED: MAXIMUM NUMBER OF POINTS AWARDED FOR QUALIFICATIONS PUBLICATIONS:	80/120 +
		QUALIFICATIONS REQUIRED/RELATIVE WEIGHT: Art. 11 Rules for Doctorates: all candidates are required to present the folkoregardless of whether or not a score is assigned to them (see below): a. a detailed curriculum vitae et studiorum plus degree transcript (list of scores + degree score): 8/20 b. a copy of the Master's degree thesis: 4/20	owing documents, of exams + exam
		For students with a degree awarded by a non-Italian university, an abs in English or Italian is sufficient.	tract of the thesis

as well as

- 1. 4/20:
 - 1.1. Two letters of presentation from scholars/researchers acquainted with the candidate:
 - 1.2. A letter of self-presentation where the candidate outlines his/her research activity;
- Publications (if any): 4/20.
- Qualifications Evaluation Form (unless this form is presented, qualifications and publications CANNOT be assessed by the Examining Board)

publications of the descessed by the Examining Board)	
MINIMUM SCORE REQUIRED FOR QUALIFICATIONS/PUBLICATIONS:	10/20
WRITTEN EXAMINATION MARK OUT OF:	50/50
MINIMUM SCORE REQUIRED IN WRITTEN EXAMINATION:	35/50
ORAL EXAMINATION MARK OUT OF:	50/50
MINIMUM SCORE REQUIRED FOR INTERVIEW:	35/50
ABSOLUTE DEADLINE FOR RECEIVING CERTIFICATES: 27.10.2010	

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: to be handed in during the written test.

EXAMINATION SCHEDULE:

- WRITTEN EXAMINATION: 27.10.2010 at 09.00 a.m. "Aula A" del Dipartimento di Fisica, Via Valerio, 2 TRIESTE POSSIBLE ALTERNATIVE LANGUAGE TO ITALIAN FOR THE WRITTEN EXAMINATION: English
- INTERVIEW: 29.10.2010 at 09.00 a.m. "Aula A" del Dipartimento di Fisica, Via Valerio, 2 TRIESTE LANGUAGE/S OTHER THAN THE ITALIAN FOR THE ORAL INTERVIEW: English

CONTACT INFORMATION

DIRECTOR OF THE SCHOOL: Prof. Paolo Camerini - Dipartimento di Fisica - Università degli Studi di Trieste -

tel.040/558.3379; fax 040/558.3350 e-mail camerini@trieste.infn.it

VICE-DIRECTOR: Prof. Gaetano Senatore - Dipartimento di Fisica teorica - Università degli Studi di Trieste - tel.

040/2240278 fax 040/224601 e-mail gaetano.senatore@ts.infn.it

WEB SITE: http://physics.units.it/Ricerca/Dottorandi.php

OVERVIEW:

Graduate students in physics are actively engaged in research at the forefront of both fundamental and applied physics. The students can choose to work in Astrophysics, Condensed Matter Physics, Medical Physics, Sub-nuclear and Nuclear Physics, Theoretical physics. The goal of the Graduate School is to train flexible professionals who will easily find a job in different fields, including scientific research. Besides being individually trained in a specific research field, the students attend institutional curricular courses as well as courses focused on the topic of their doctoral theses for a total of at least 80 hours of lessons. They will also attend at least two national or international schools. Graduate students are encouraged as well to attend national and international conferences in order to present the results of their research. A list of available research topics is found at: http://www-dft.ts.infn.it/phd/SdDF. Some of the scholarships carry a title. The awardees of such scholarships are bound to perform research in a pre-assigned area/topic. Info on research topics and people to contact for further details are found at the above-mentioned web page.

CHANGES SUBSEQUENT TO 23.07.10

N.B: the original announcement may be subject to continuous modification. Any changes made subsequent to the original date of publication are listed below:

- 1st addition:

IN PRESS

N.B: the following additions/changes have been requested by the organisers of the Doctorate and will be made official with an supplement to the:

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