UNIVERSITÀ DEGLI STUDI DI TRIESTE

Sezione Ricerca e Dottorati

Ripartizione Dottorati

DOCTORATE IN
INFORMATION ENGINEERING

GENERAL DESCRIPTION

SUBJECT AREAS:
- main area: ING-INF/04
- other areas: ING-INF/01, ING-INF/02, ING-INF/03, ING-INF/05, ING-INF/06, ING-INF/07, MAT/09

RESEARCH FIELDS:
1. Automation
2. Electronic and Computer Bioengineering
3. Electromagnetic Fields
4. Signal and Image Processing
5. Computer Science
6. Electronic Measurement and Instrumentation
7. Operational Research
8. Telecommunications

ORGANIZING DEPARTMENT: Dip. di Ingegneria Industriale e dell'Informazione

DURATION: 3 years
MAXIMUM NUMBER OF MONTHS TO BE SPENT ABROAD: 18
OFFICIAL LANGUAGE OF THE SCHOOL: Italian

ADMISSION INFORMATION AND REQUIREMENTS

NUMBER OF PLACES AVAILABLE: **6**
- SCHOLARSHIPS: 2
    FUNDING BODY/IES:
    - [cod M/2] Università degli Studi di Trieste 1
    - [cod G/4] MIUR "Progetto Giovani Ricercatori" (finalizzata al Progetto "*ICT and electronic components*") 1
        N.B: This scholarship does not provide extra funding for eventual periods of study abroad within the duration of the doctorate, unless the organizing Department decides to make these funds available.

EXTRA PLACES (NON FUNDED):
- research grant-holders: (art. 1.1 - Requirements)...**1**
- grant-holders funded by the Italian Ministry of Foreign Affairs permitted to sit the entrance examination in Trieste **1**

ACADEMIC QUALIFICATION REQUIRED: see Announcement (art. 1.1 - Requirements)
DEADLINE FOR COMPLETION OF DEGREE: **21.03.2012**
ASSESSMENT CRITERIA: qualifications + interview
- FINAL SCORE: the final score is based on the sum total of marks obtained in the interview plus the points given for qualifications and publications: 100
- FINAL SCORE (MINIMUM REQUIRED): 60/100
    SCORE ATTRIBUTED TO THE QUALIFICATIONS: 40
    QUALIFICATIONS REQUIRED (RELATIVE WEIGHT):
- <u>Art. 11 Rules for Doctorates</u>: all candidates are required to present the following documents, regardless of whether or not a score is assigned to them (see below):
    a. a detailed curriculum vitae et studiorum. 10/40
    b. a copy of the Master's degree thesis: 10/40
        For students with a degree awarded by a non-Italian university, an abstract of the thesis in English or Italian is sufficient.

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as well as:

1. publications and other relevant qualifications: max 20/40

- Qualifications Assessment Form (unless this form is presented, qualifications and publications CANNOT be assessed by the Examining Board)

MINIMUM SCORE REQUIRED FOR THE QUALIFICATIONS:.. no

- ORAL EXAMINATION MARK OUT OF:.. 60

MINIMUM SCORE REQUIRED FOR INTERVIEW: 36/60

DEADLINE FOR RECEIVING CERTIFICATES/ PUBLICATIONS:.. **21.03.2012**

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: in person or by mail to the Segreteria del Dipartimento di Ingegneria Industriale e dell'Informazione "DI3" - Via Valerio, 10 - 34127 TRIESTE

EXAMINATION SCHEDULE:

- INTERVIEW: **22.03.2012 at 2.00 p.m.** at Biblioteca Dipartimento di Ingegneria Industriale e dell'Informazione "DI3" - 'Università degli Studi di Trieste, Via A. Valerio, 10 – TRIESTE

LANGUAGE/S OTHER THAN THE ITALIAN FOR THE ORAL INTERVIEW: English

CEFR LEVEL: --

CONTACT INFORMATION

CHAIR: Prof. Roberto Vescovo - Dipartimento di Ingegneria Industriale e dell'Informazione - Università degli Studi di Trieste - tel. 040/558.3458 e-mail vescovo@univ.trieste.it

WEB SITE: soon available at: http://www.di3.units.it/

EDUCATIONAL AIMS AND RESEARCH TOPICS: The aim of the Doctorate in Information Engineering of the University of Trieste is to take care of the education in the fields of the creation, acquisition, management and transfer of high level scientific knowledge in the area of interest. This task is oriented at the education of a high level figure devoted not only to research activities, but also to the innovation and management of research activities outside the academic and public research institutions. Therefore the Ph.D. students have to achieve the ability of analysing the state of the art and of identifying, suggesting, developing scientific innovations and technologies. The cultural area of the Doctorate includes Computer Science, Telecommunications, Electromagnetic fields, Automation, Electronics and Bioengineering Science, Electrical and Electronic Measurements and Operations Research. Each of these cultural areas shows peculiar connotations for their specificity and offers formative paths, so that it is possible, on the one hand to supplement and enlarge the specific skills of every student, promoting individual interesting and talents, and on the other hand to transfer the state of the art of the specific field of interest, stimulating at the same time experiences and crossfertilization events to increase and validate the research.

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