LAST REVISED 14/02/2011

DOCTORATE IN
INFORMATION ENGINEERING

The Doctorate in Information Engineering becomes operative as a "Doctoral Course" because presently it does not offer the minimum scholarships required to start as a "Doctoral School".

GENERAL DESCRIPTION

SUBJECT AREAS:
- main area: MAT/09
- other areas: ING-INF/01, ING-INF/02, ING-INF/03, ING-INF/04, ING-INF/05, ING-INF/06, ING-INF/07, ING-IND/31, ING-IND/32, ING-IND/33, ING-IND/34, ING-IND/35, MAT/09

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

ORGANIZING DEPARTMENT: Dip. di Elettrotecnica, Elettronica e Informatica

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: **2**
- SCHOLARSHIPS: 2
  - FUNDING BODY/IES:
    - Università degli Studi di Trieste 1
    - Dip. di Elettrotecnica, Elettronica e Informatica funded by Electrolux Professional (Project title: "*Man Machine Interface (MMI) and particularly its advanced and innovative approaches*") 1

ACADEMIC QUALIFICATION REQUIRED: see Announcement (art. 1.1 - Requirements)

DEADLINE FOR COMPLETION OF DEGREE: .... 15.03.2011.

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:..................... 100/100

FINAL SCORE (MINIMUM REQUIRED): 40/100

SCORE ATTRIBUTED TO THE QUALIFICATIONS: 30

QUALIFICATIONS REQUIRED (RELATIVE WEIGHT):

Art. 11 Rules for Doctorates: 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, 10/30

b. a copy of the Master's degree thesis, 10/30
   For students with a degree awarded by a non-Italian university, an abstract of the thesis in English or Italian is sufficient.

as well as

1. publications and other relevant qualifications: 10/30

- Qualifications Assessment Form (unless this form is presented, qualifications and

Università degli Studi di Trieste
Piazzale Europa, 1
I-34127 Trieste

Tel. +39 040 558 3182
Fax +39 040 558 3250
dottorati@amm.units.it

www.units.it

I:\WDDR\BANDIeADEMPIMENTIdal26\BANDO ORDINARIO\Scuole versione finale - inglese\ATTACHMENT 4bis - Information engineering.doc

publications CANNOT be assessed by the Examining Board)
MINIMUM SCORE REQUIRED FOR THE QUALIFICATIONS:.............................. no
ORAL EXAMINATION MARK OUT OF:... 70
MINIMUM SCORE REQUIRED FOR INTERVIEW: 40/70
DEADLINE FOR RECEIVING CERTIFICATES/ PUBLICATIONS: 16.03.2011
ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: Dipartimento di Ingegneria industriale e dell'informazione - Via Valerio, 10 - 34127 TRIESTE

EXAMINATION SCHEDULE:
- INTERVIEW: 17.03.2011 at 12.00 a.m. at Dipartimento di Ingegneria industriale e dell'informazione dell'Università degli Studi di Trieste, Via A. Valerio, 10 – TRIESTE
  LANGUAGE/S OTHER THAN THE ITALIAN FOR THE ORAL INTERVIEW: English

CONTACT INFORMATION

DIRECTOR OF THE SCHOOL: Prof. Walter Ukovich - Dipartimento di Elettrotecnica, Elettronica ed Informatica - Università degli Studi di Trieste - tel. 040/558.3414 fax 040/558.3460 e-mail ukovich@units.it

VICE-DIRECTOR: Prof. Fulvio Babich - Dipartimento di Elettrotecnica, Elettronica ed Informatica - Università degli Studi di Trieste - tel. 040/558.7146 fax 040/558.3460 e-mail babich@univ.trieste.it

WEB SITE: http://sites.google.com/a/deei.units.it/phdschool/

OVERVIEW: The aim of the Doctoral School 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 scientific knowledge of high level in the area of interest. This, in a viewpoint clearly oriented at the education of a high level figure devoted not only to research activities, but also to innovation and management of research activities outside the academic and public research institutions. Therefore the Ph.D. students have to obtain the ability to analyse the state of the art and identify, suggest, develop scientific innovations and technologies. The cultural area of the School includes Computer Science, Information Engineering, that includes Telecommunication, Automation, Electronics and Bioengineering Science, and the electric part of Industrial Engineering (as Computers and Electrical Drives), as well as two methodological sectors (Numerical Analysis and Operations Research) especially important in applications as Logistics and Digital Signal Processing. 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, on the other hand transfer the state of the art of the specific field of interest, stimulating at the same time experiences and cross-fertilization events to increase and validate the research

Università degli Studi di Trieste   Tel. +39 040 558 3182
Piazzale Europa, 1   Fax +39 040 558 3250
I-34127 Trieste   dottorati@amm.units.it

www.units.it

I:\WDDR\BANDIeADEMPIMENTIdal26\BANDO ORDINARIO\Scuole versione finale - inglese\ATTACHMENT 4bis - Information engineering.doc