Finanziato dall'Unione europea
NextGenerationEU

Ministero dell'Università e della Ricerca

Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA

UNIVERSITÀ DEGLI STUDI FIRENZE

DOCTORAL PROGRAMME

IN

INFORMATION ENGINEERING

Director prof. Fabio Schoen

XXXIX cycle – academic year 2023/2024

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Information Engineering
CURRICULA	1. Control, Optimization and Complex Systems 2. Electronics, Electromagnetics and Electrical Systems 3. Computer Engineering 4. Telecommunications and Telematics
	POSITIONS AVAILABLE: 10 Positions with Scholarship: 9 Position without Scholarship: 1* *standard ranking only*
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 6	University of Florence
RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 3	**1.** Department of Information Engineering (DINFO) **Thematic**: "Advanced real-time ultrasound imaging techniques" Funded by PRIN 2022 project "CONUS" - Decree of admission to funding n. 267 of 03/03/2022 - CUP B13C21000190005, and by other research funds of Department in Information Engineering **1.** CNR - Istituto per le Applicazioni del Calcolo "M. Picone" (IAC) **NRRP** - European Union - NextGenerationEU **Thematic**: "Development and optimization of algorithms and software prototypes for the analysis of atmospheric spectra in the far to mid-infrared spectral region and applications in climate models" Missione 4 "Istruzione e Ricerca" - Componente 2 "Dalla ricerca all'impresa" Linea di investimento 3.1 "Fondo per la realizzazione di un sistema integrato di infrastrutture di ricerca e innovazione" – progetto "Earth, Mars, Moon" (EMM) CUP C53C22000870006 **1.** CNR - Istituto Nazionale di Ottica - (INO) **NRRP** - European Union - NextGenerationEU

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STUDY/RESEARCH PERIODS ABROAD	1-3 months
DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion)	● Copy of the Identification Document ● Self-declaration for qualifications obtained in Italy (laurea Triennale, Specialistica o Magistrale o ciclo unico) with a list of all exams taken and their marks, title of the thesis and graduation mark (download the form **here,** make sure you **fill in all the fields**) ● Qualifications obtained abroad (Bachelor's and Master Degrees or combined cycle Degree) with a list of all exams taken and their marks, title of the thesis and graduation mark *The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2023*
DOCUMENTS REQUIRED FOR THE EVALUATION	**MANDATORY** ● Curriculum vitae including a list of publications and of the other qualification documents (if any) ● Abstract of the Master Thesis ● Research proposal **OPTIONAL** ● Copy of the Master Thesis (or equivalent) ● Publications (if any) Documents can be submitted in Italian or English
RESEARCH PROJECT	The proposal must be in .pdf format, written either in Italian or in English, no more than 5 pages, including bibliographic references. The proposal should describe a three-year project having a high potential for novel scientific contributions in the broad field of Information Engineering, but also in other fields provided that methodologies and/or technologies of Information Engineering are exploited. The proposal must include the specific reference to the **curriculum** and the chosen **area of study** as listed at the web page https://informationengineering.dinfo.unifi.it/research/ The candidate may present the same project for the standard scholarship and for any scholarship with specific research topic and separate ranking lists he/she intend to apply to, or alternatively may present different projects for each scholarship, indicating clearly to which scholarship each project refers.
INTERVIEW MODE	**Remotely** (Videocall) The interview can be conducted in English language

FURTHER INFORMATION	The interview will primarily concern a discussion on the research proposal presented by the candidate.		

	parameter	minimum score	maximum score
EVALUATION MARKS	Curriculum vitae, academic career, publications, qualification documents	27/120	40/120
	Research proposal	27/120	40/120
	Applicants who obtain a mark of at least 54/120 according to the minimum score for each parameter will be admitted to the interview		
	Interview: (including a discussion of the research proposal)	26/120	40/120
	Eligibility is achieved with a minimum score of 80/120		

Further information is available at the following web page:
http://informationengineering.dinfo.unifi.it/

EXAMINATION SCHEDULE		
	DATE	**TIME**
INTERVIEW	July 12th 2023	9:30 a.m.

The list of candidates admitted to the interview and the final ranking will be published at the following web page: https://www.unifi.it/p12341.html.