DOCTORAL PROGRAMME
IN
INFORMATION ENGINEERING

Director prof. Stefano Ricci

XLI cycle – academic year 2025/2026

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Information Engineering
WEB	informationengineering.dinfo.unifi.it
CURRICULA	1. Control, Optimization and Complex Systems 2. Electronics, Electromagnetics and Electrical Systems 3. Computer Engineering 4. Telecommunications and Telematics
	POSITIONS AVAILABLE: 7 Positions with Scholarship: 7 Position without Scholarship: *not available*
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 5	University of Florence
RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC SCHOLARSHIPS AVAILABLE: 2	**1 -** CNR - Istituto di Fisica Applicata "N. Carrara" **Thematic**: "Development of numerical models for the direct and inverse radiative transfer problem, with applications to data assimilation and the synergy between different observation instruments" **1 -** Morfo Design s.r.l. **Thematic:** "Machine Learning and Optimization Methods for the Design of Aerodynamic Components Leveraging Industrial Data Lakes"
STUDY/RESEARCH PERIODS ABROAD	3 months

DOCUMENTS REQUIRED FOR THE ADMISSION (under penalty of exclusion)	● Copy of the Identification Document ● Self-certification for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with list of exams taken, credits and related grade, title of the thesis and graduation mark (using this **template** or similar forms containing the required information) ● Qualifications obtained abroad (Bachelor's and Master Degrees or combined cycle Degree) with a list of all exams taken, credits and related grade, rating scale, 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 31/10/2025*
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 can apply for several rankings by submitting a specific research project for each ranking and clearly stating which ranking each project refers to.
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, but the commission may request further specific questions on specific topics related to the candidate's CV.
EVALUATION MARKS	<table><tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr><tr><td>Curriculum vitae, academic career, publications, qualification documents</td><td>27/120</td><td>40/120</td></tr><tr><td>Research proposal</td><td>27/120</td><td>40/120</td></tr></table>

	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		

EXAMINATION SCHEDULE		
	DATE	**TIME**
INTERVIEW	July 17th 2025	09:30 a.m.
The list of the candidates admitted to the interview and the final ranking will be published at the page **PhD courses**		