



UNIVERSITÀ
DI PISA



Ministero
dell'Università
e della Ricerca



UNIVERSITÀ
DI PISA

hD PROGRAMME IN INFORMATION ENGINEERING
ACADEMIC YEAR 2026/2027 (42ND CYCLE)

Coordinator professor *Paolo Nepa*

Administrative headquarters: Department of Information Engineering
(<https://www.dii.unipi.it/en/>)

SELECTION PROCEDURES

Total no. of positions available 33

of which

No. of positions with grant 22

No. of positions reserved for holders of an employment contract 2

No. of positions reserved for holders of research grant (Italian “borsa di ricerca”) 6

No. of positions with apprenticeship contract 3

ING_INF01_B

Type of selection procedure

Single ranking list for research project

No. of available positions with grant 1

of which

No.	Funding organisation / Partner institution	Subject / Research project (if any)
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Positions with grant

1	Institute of information science and technologies “A. Faedo” ISTI CNR	Agentic AI Architectures for Networking
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For information regarding the research topic, candidates are invited to contact:

Dott. Alberto Gotta (CNR-isti) alberto.gotta@isti.cnr.it

IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out

ING_INF02_B

Type of selection procedure

Subject-specific PhD grants with separate ranking lists: no. of ranking lists 4

	No. of available positions with grant 4 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Istituto di Informatica e Telematica IIT CNR	AI-Native Distributed Optimization and Orchestration for Edge-enabled 6G Networks
	1	Istituto di Informatica e Telematica IIT CNR	Networking and edge computing for ground-air autonomous systems
	For information regarding the research topic, candidates are invited to contact: Dott. Raffaele Bruno raffaele.bruno@iit.cnr.it		
	1	Istituto di Informatica e Telematica IIT CNR	Performance Engineering of Distributed Quantum Computing over Quantum Network Testbeds
	1	Istituto di Informatica e Telematica IIT CNR	Scalable Orchestration of Parallel Quantum Workloads: Models, Systems, and End-to-End Performance
	For information regarding the research topic, candidates are invited to contact: Dott. Claudio Cicconetti claudio.cicconetti@iit.cnr.it		
	IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 4 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out		
ING_INF03_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Department of Information Engineering of the University of Pisa	Design and development of static and electronically reconfigurable electromagnetic metasurfaces for advanced communication and sensing applications
	For information regarding the research topic, candidates are invited to contact: Dott. Danilo Brizzi danilo.brizzi@unipi.it		
	IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out		
ING_INF04_B	Type of selection procedure Ranking list for the activation of a PhD programme under a high-level apprenticeship scheme with Free Space s.r.l. (Registered office Pisa, via Antonio Cocchi 7)		

	Apprenticeship contracts: 1		
	No.	Partner institution	Subject / Research project (if any)
	1	Free Space s.r.l.	
	The contract has a duration of three years and is subject to annual evaluation by the PhD Council aimed at verifying the completion of the programme of activities planned for the previous year, in accordance with the procedures laid down in the internal regulations of the PhD programme. The PhD candidate shall carry out their duties at <i>Free Space</i> s.r.l. and shall be enrolled in the PhD programme in Information Engineering on a date subsequent to the signing of the apprenticeship contract. The University of Pisa makes enrolment of the successful candidate conditional upon the actual conclusion of the apprenticeship contract with <i>Free Space</i>. For PhD candidates holding an apprenticeship contract, from the first year of the PhD programme onwards, in addition to the grant, a budget for research activities in Italy and abroad is guaranteed, appropriate to the type of programme, amounting to at least 10% of the annual amount of the doctoral grant, in accordance with Ministerial Decree no. 247 of 23 February 2022. The PhD candidate is also entitled to a 50% increase in the grant if the research activity is carried out abroad. The budget and the increase shall be paid to the PhD candidate by <i>Free Space</i>, or, failing that, by the Department serving as the administrative headquarters of the programme, in accordance with the provisions set out in the University Regulations on PhD programmes. The apprenticeship contract is subject to the applicable tax regulations. The PhD candidate shall be entitled to the protections and rights provided for by the relevant legislation. The PhD candidate is required to attend the courses and activities of the PhD programme to the extent determined by the Faculty Council and to carry out study and research activities on a continuous basis. The contract must be signed by October 2026, except in cases of subsequent admissions from the ranking list. The successful candidate's contractual classification and the corresponding remuneration shall be determined in accordance with the applicable legislation and any applicable collective bargaining agreements or employment agreements. In particular, the successful candidate shall be classified at level 4 of CCNL applied by the company . Withdrawal from the PhD programme entails the automatic termination of the apprenticeship contract. In the event of termination of the employment contract, the Faculty Council, subject to an assessment of the scientific activity carried out, may authorise continuation of the programme; however, the industrial apprenticeship scheme may no longer be maintained. For information candidates are invited to contact: Dott. Danilo Brizi danilo.brizi@unipi.it		
ING_INF05_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Department of Information Engineering of the University of Pisa Fondazione Toscana Gabriele Monasterio	Computational models and artificial intelligence tools for the electromechanical characterization of atrial fibrillation
	For information regarding the research topic, candidates are invited to contact: Dott.ssa Simona Celi s.celi@ftgm.it and Prof. Alessandro Tognetti alessandro.tognetti@unipi.it		
ING_INF06_B	Type of selection procedure Single ranking list for research project		

	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Fondazione Toscana Gabriele Monasterio	Artificial Intelligence tools and computational models for the anatomical and functional study of the cardiovascular system
	For information regarding the research topic, candidates are invited to contact: Dott.ssa Simona Celi s.celi@ftgm.it and Prof. Alessandro Tognetti alessandro.tognetti@unipi.it		
ING_INF07_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Istituto di Fisiologia Clinica IFC CNR	AI-Based Multimodal Physiological Monitoring Using Non Invasive Devices
	For information regarding the research topic, candidates are invited to contact: Dr. Marco Laurino marco.laurino@cnr.it and Prof. Alessandro Tognetti alessandro.tognetti@unipi.it		
ING_INF08_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Department of Information Engineering of the University of Pisa	Simulation of devices and advanced materials for electronic application
	For information regarding the research topic, candidates are invited to contact: Prof. Gianluca Fiori gianluca.fiori@unipi.it		
	IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out		
ING_INF09_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Department of Information Engineering of the University of Pisa	Biodegradable Sensors for Monitoring

		Clinically/Diagnostically Relevant Biomarkers						
	For information regarding the research topic, candidates are invited to contact: Prof. Giuseppe Barillaro giuseppe.barillaro@unipi.it							
ING_INF10_B	Type of selection procedure Single ranking list for research project							
	No. of available positions with grant 1 of which							
	<table> <tr> <th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr> </table>	No.	Funding organisation / Partner institution	Subject / Research project (if any)				
No.	Funding organisation / Partner institution	Subject / Research project (if any)						
	Positions with grant							
	<table> <tr> <td>1</td><td> Department of Clinical and Experimental Medicine of the University of Pisa, dott. Prete Alessandro, FIS-2024-02915 CUP I53C25002110001 Department of Information Engineering of the University of Pisa </td><td>Development of Artificial Intelligence techniques in the diagnosis of thyroid nodules</td></tr> </table>	1	Department of Clinical and Experimental Medicine of the University of Pisa, dott. Prete Alessandro, FIS-2024-02915 CUP I53C25002110001 Department of Information Engineering of the University of Pisa	Development of Artificial Intelligence techniques in the diagnosis of thyroid nodules				
1	Department of Clinical and Experimental Medicine of the University of Pisa, dott. Prete Alessandro, FIS-2024-02915 CUP I53C25002110001 Department of Information Engineering of the University of Pisa	Development of Artificial Intelligence techniques in the diagnosis of thyroid nodules						
	For information regarding the research topic, candidates are invited to contact: Prof. Mario G.C.A. Cimino mario.cimino@unipi.it e Prof.ssa Rossella Elisei rossella.elisei@unipi.it							
ING_INF11_B	Type of selection procedure Single ranking list for research project							
	No. of available positions with grant 1 of which							
	<table> <tr> <th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr> </table>	No.	Funding organisation / Partner institution	Subject / Research project (if any)				
No.	Funding organisation / Partner institution	Subject / Research project (if any)						
	Positions with grant							
	<table> <tr> <td>1</td><td>Research Center “E. Piaggio” of University of Pisa</td><td>Bio-Inspired Tactile Sensing and Feedback Strategies for Human and Human–Robot Interaction</td></tr> </table>	1	Research Center “E. Piaggio” of University of Pisa	Bio-Inspired Tactile Sensing and Feedback Strategies for Human and Human–Robot Interaction				
1	Research Center “E. Piaggio” of University of Pisa	Bio-Inspired Tactile Sensing and Feedback Strategies for Human and Human–Robot Interaction						
	For information regarding the research topic, candidates are invited to contact: Prof. Matteo Bianchi matteo.bianchi@unipi.it							
	IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out							
ING_INF12_B	Type of selection procedure Subject-specific PhD grants with separate ranking lists: no. of ranking lists 3							
	No. of available positions with grant 3 of which							
	<table> <tr> <th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr> </table>	No.	Funding organisation / Partner institution	Subject / Research project (if any)				
No.	Funding organisation / Partner institution	Subject / Research project (if any)						
	Positions with grant							
	<table> <tr> <td>1</td><td>Research Center “E. Piaggio” of University of Pisa</td><td>Computational aspects of the combined process of light – and extrusion – based in situ bioprinting for osteochondral regeneration</td></tr> <tr> <td>1</td><td>Research Center “E. Piaggio” of University of Pisa</td><td>Computational modelling of the in situ bioprinting process for intestinal tissue regeneration</td></tr> </table>	1	Research Center “E. Piaggio” of University of Pisa	Computational aspects of the combined process of light – and extrusion – based in situ bioprinting for osteochondral regeneration	1	Research Center “E. Piaggio” of University of Pisa	Computational modelling of the in situ bioprinting process for intestinal tissue regeneration	
1	Research Center “E. Piaggio” of University of Pisa	Computational aspects of the combined process of light – and extrusion – based in situ bioprinting for osteochondral regeneration						
1	Research Center “E. Piaggio” of University of Pisa	Computational modelling of the in situ bioprinting process for intestinal tissue regeneration						

	<table><tr><td>1</td><td>Research Center “E. Piaggio” of University of Pisa</td><td>Computational Models and Innovative Biomedical Technologies for the Regeneration of the Intestinal Mucosa and Submucosa</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Giovanni Vozzi giovanni.vozzi@unipi.it Prof. Carmelo De Maria carmelo.demaria@unipi.it and Dr. Gabriele Maria Fortunato gabriele.fortunato@unipi.it	1	Research Center “E. Piaggio” of University of Pisa	Computational Models and Innovative Biomedical Technologies for the Regeneration of the Intestinal Mucosa and Submucosa									
1	Research Center “E. Piaggio” of University of Pisa	Computational Models and Innovative Biomedical Technologies for the Regeneration of the Intestinal Mucosa and Submucosa											
ING_INF13_B	Type of selection procedure Single ranking list for research project No. of available positions with grant 1 of which <table><tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td colspan="3">Positions with grant</td></tr><tr><td>1</td><td>Department of Information Engineering of the University of Pisa</td><td>Development of security solutions for ICT and industrial systems based on silicon physical unclonable functions</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Giuseppe Iannaccone giuseppe.iannaccone@unipi.it IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out	No.	Funding organisation / Partner institution	Subject / Research project (if any)	Positions with grant			1	Department of Information Engineering of the University of Pisa	Development of security solutions for ICT and industrial systems based on silicon physical unclonable functions			
No.	Funding organisation / Partner institution	Subject / Research project (if any)											
Positions with grant													
1	Department of Information Engineering of the University of Pisa	Development of security solutions for ICT and industrial systems based on silicon physical unclonable functions											
ING_INF14_B	Type of selection procedure Ranking list reserved for research grant holders (Italian “borsa di ricerca”), pursuant to the University of Pisa regulations Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1 <table><tr><th>N.</th><th>Area disciplinare / SSD</th></tr><tr><td>1</td><td>SSD: IINF-01/A “Elettronica”</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Federico Baronti federico.baronti@unipi.it	N.	Area disciplinare / SSD	1	SSD: IINF-01/A “Elettronica”								
N.	Area disciplinare / SSD												
1	SSD: IINF-01/A “Elettronica”												
ING_INF15_B	Type of selection procedure Subject-specific PhD grants with separate ranking lists: no. of ranking lists 2 No. of available positions with grant 2 of which <table><tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td colspan="3">Positions with grant</td></tr><tr><td>1</td><td>Department of Information Engineering of the University of Pisa</td><td>Hardware/Software Co-Design of Accelerators for Post-Quantum and Homomorphic Cryptography</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Sergio Saponara sergio.saponara@unipi.it <table><tr><td>1</td><td>Department of Information Engineering of the University of Pisa</td><td>Design of analog and mixed-signals macrocells in FinFet technologies for aerospace applications</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Paolo Bruschi paolo.bruschi@unipi.it	No.	Funding organisation / Partner institution	Subject / Research project (if any)	Positions with grant			1	Department of Information Engineering of the University of Pisa	Hardware/Software Co-Design of Accelerators for Post-Quantum and Homomorphic Cryptography	1	Department of Information Engineering of the University of Pisa	Design of analog and mixed-signals macrocells in FinFet technologies for aerospace applications
No.	Funding organisation / Partner institution	Subject / Research project (if any)											
Positions with grant													
1	Department of Information Engineering of the University of Pisa	Hardware/Software Co-Design of Accelerators for Post-Quantum and Homomorphic Cryptography											
1	Department of Information Engineering of the University of Pisa	Design of analog and mixed-signals macrocells in FinFet technologies for aerospace applications											

	IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 2 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out									
ING_INF16_B	Type of selection procedure Ranking list for the activation of a PhD programme under a high-level apprenticeship scheme with <i>SENSICHIPS</i> s.r.l. (Registered office Aprilia LT, via delle Valli 46)									
	<table><tr><th colspan="3">Apprenticeship contracts n. 2</th></tr><tr><th>No.</th><th>Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td>2</td><td>SENSICHIPS s.r.l.</td><td></td></tr></table> The contract has a duration of three years and is subject to annual evaluation by the PhD Council aimed at verifying the completion of the programme of activities planned for the previous year, in accordance with the procedures laid down in the internal regulations of the PhD programme. The PhD candidate shall carry out their duties at <i>SENSICHIPS</i> s.r.l. and shall be enrolled in the PhD programme in Information Engineering on a date subsequent to the signing of the apprenticeship contract. The University of Pisa makes enrolment of the successful candidate conditional upon the actual conclusion of the apprenticeship contract with <i>SENSICHIPS</i> s.r.l.. For PhD candidates holding an apprenticeship contract, from the first year of the PhD programme onwards, in addition to the grant, a budget for research activities in Italy and abroad is guaranteed, appropriate to the type of programme, amounting to at least 10% of the annual amount of the doctoral grant, in accordance with Ministerial Decree no. 247 of 23 February 2022. The PhD candidate is also entitled to a 50% increase in the grant if the research activity is carried out abroad. The budget and the increase shall be paid to the PhD candidate by <i>SENSICHIPS</i> s.r.l., or, failing that, by the Department serving as the administrative headquarters of the programme, in accordance with the provisions set out in the University Regulations on PhD programmes. The apprenticeship contract is subject to the applicable tax regulations. The PhD candidate shall be entitled to the protections and rights provided for by the relevant legislation. The PhD candidate is required to attend the courses and activities of the PhD programme to the extent determined by the Faculty Council and to carry out study and research activities on a continuous basis. The successful candidate’s contractual classification and the corresponding remuneration shall be determined in accordance with the applicable legislation and any applicable collective bargaining agreements or employment agreements. In particular, the successful candidate shall be classified at level D2 of CCNL applied by the company. Withdrawal from the PhD programme entails the automatic termination of the apprenticeship contract. In the event of termination of the employment contract, the Faculty Council, subject to an assessment of the scientific activity carried out, may authorise continuation of the programme; however, the industrial apprenticeship scheme may no longer be maintained. For information regarding the research topic, candidates are invited to contact: Prof. Paolo Bruschi paolo.bruschi@unipi.it	Apprenticeship contracts n. 2			No.	Partner institution	Subject / Research project (if any)	2	SENSICHIPS s.r.l.	
Apprenticeship contracts n. 2										
No.	Partner institution	Subject / Research project (if any)								
2	SENSICHIPS s.r.l.									
ING_INF17_B	Type of selection procedure Ranking list reserved for research grant holders (Italian “borsa di ricerca”), pursuant to the University of Pisa regulations <table><tr><th colspan="2">Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1</th></tr><tr><th>N.</th><th>Area disciplinare / SSD</th></tr><tr><td>1</td><td>SSD: IINF-04/A “Automatica”</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Andrea Caiti andrea.caiti@unipi.it and Prof. Andrea Munafò andrea.munafò@unipi.it	Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1		N.	Area disciplinare / SSD	1	SSD: IINF-04/A “Automatica”			
Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1										
N.	Area disciplinare / SSD									
1	SSD: IINF-04/A “Automatica”									
ING_INF18_B	Type of selection procedure Ranking list reserved for research grant holders (Italian “borsa di ricerca”), pursuant to the University of Pisa regulations									

	Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1		
	N.	Area disciplinare / SSD	
	1	SSD: IINF-04/A “Automatica”	
	For information regarding the research topic, candidates are invited to contact: Prof. Riccardo Costanzi riccardo.costanzi@unipi.it		
ING_INF19_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Research Center “E. Piaggio” of University of Pisa	Development of multidisciplinary biomedical engineering approaches to study pathologies involving structural, mechanical and functional alterations of tissues, with particular reference to visceral myopathy
	For information regarding the research topic, candidates are invited to contact: Prof. Arti Ahluwalia arti.ahluwalia@unipi.it and Dr. Ludovica Cacopardo ludovica.cacopardo@unipi.it		
ING_INF20_B	Type of selection procedure Single ranking list for research project		
	No. of available positions with grant 1 of which		
	No.	Funding organisation / Partner institution	Subject / Research project (if any)
	Positions with grant		
	1	Department of Information Engineering of the University of Pisa, Valenza Gaetano - FIS-2023-02508 - CUP I53C25001890001	Investigation of non-deterministic oscillations in complex biological and physiological system networks
	For information regarding the research topic, candidates are invited to contact: Prof. Gaetano Valenza gaetano.valenza@unipi.it		
	The fellowships is part of the FIS2 project EPSILON (CUP_I53C25001890001), aimed at developing innovative methodologies fr the characterization of stochastic components in complex dynamical systems. The research activity if stochastic components in complex dynamical systems. The research activity will focus on the advanced analysis of multidimensional physiological signals (neural and cardiovascular), with particular emphasis on the investigation of non-deterministic oscillations and biological noise.		
ING_INF21_B	Type of selection procedure Ranking list reserved for employees of LogObject AG (registered office <i>Opfikon Svizzera, Thurgauerstrasse 101a</i>) for the activation of an industrial-oriented PhD programme (agreement finalised on June 24, 2026)		
	Positions reserved for candidates holding a formalised employment contract, of a duration at least equal to that of the programme, with public or private partner organisations affiliated with the University of Pisa (with continued payment of salary) – Article 3 of the Call for applications: 2		
	No.	Partner institution	Subject / Research project (if any)
	1	LogObject AG	<u>Mechanistic Interpretability for Trustworthy Large Language Models in Enterprise Question Answering Systems</u>

	<table><tr><td>1</td><td>LogObject AG</td><td>Adaptive Conversational AI for Knowledge Elicitation, Personalized Training and Continuous Learning in Enterprise Environments</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Francesco Macelloni francesco.macelloni@unipi.it	1	LogObject AG	Adaptive Conversational AI for Knowledge Elicitation, Personalized Training and Continuous Learning in Enterprise Environments						
1	LogObject AG	Adaptive Conversational AI for Knowledge Elicitation, Personalized Training and Continuous Learning in Enterprise Environments								
ING_INF22_B	Type of selection procedure Single ranking list for research project No. of available positions with grant 1 of which <table><tr><th>No.</th><th>Funding organisation / Partner institution</th><th>Subject / Research project (if any)</th></tr><tr><td colspan="3">Positions with grant</td></tr><tr><td>1</td><td>NanoXplore</td><td>Advanced Satellite On-Board Data Processing exploiting NanoXplore FPGA platforms</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Luca Fanucci luca.fanucci@unipi.it IMPORTANT In addition to the doctoral scholarship, at the end of each of the three years of the PhD programme, the selected candidates shall be eligible to participate in an annual call issued by the Department of Information Engineering for the award of no. 1 prizes, each amounting to EUR 4,500.00 gross, inclusive of charges borne by the administration. These prizes are reserved for students who have successfully passed the annual assessment of the activities carried out	No.	Funding organisation / Partner institution	Subject / Research project (if any)	Positions with grant			1	NanoXplore	Advanced Satellite On-Board Data Processing exploiting NanoXplore FPGA platforms
No.	Funding organisation / Partner institution	Subject / Research project (if any)								
Positions with grant										
1	NanoXplore	Advanced Satellite On-Board Data Processing exploiting NanoXplore FPGA platforms								
ING_INF23_B	Type of selection procedure Ranking list reserved for research grant holders (Italian “borsa di ricerca”), pursuant to the University of Pisa regulations <table><tr><td colspan="2">Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1</td></tr><tr><th>N.</th><th>Area disciplinare / SSD</th></tr><tr><td>1</td><td>SSD: IINF-01/A “Elettronica”</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Luca Fanucci luca.fanucci@unipi.it and Prof. Sergio Saponara sergio.saponara@unipi.it	Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1		N.	Area disciplinare / SSD	1	SSD: IINF-01/A “Elettronica”			
Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1										
N.	Area disciplinare / SSD									
1	SSD: IINF-01/A “Elettronica”									
ING_INF24_B	Type of selection procedure Ranking list reserved for research grant holders (Italian “borsa di ricerca”), pursuant to the University of Pisa regulations <table><tr><td colspan="2">Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1</td></tr><tr><th>N.</th><th>Area disciplinare / SSD</th></tr><tr><td>1</td><td>SSD: IINF-02/A “Campi Elettromagnetici”</td></tr></table> For information regarding the research topic, candidates are invited to contact: Prof. Agostino Monorchio agostino.monorchio@unipi.it and Dott. Danilo Brizi danilo.brizi@unipi.it NB: For the selection ING_INF01_B, ING_INF02_B, ING_INF03_B, ING_INF05_B, ING_INF06_B, ING_INF07_B, ING_INF08_B, ING_INF09_B, ING_INF10_B, ING_INF11_B, ING_INF12_B, ING_INF13_B, ING_INF15_B, ING_INF19_B, ING_INF20_B e ING_INF22_B, candidates who, on the closing date of the Call for applications, are employed under a subordinate employment contract with a public body, for a duration at least equal to that of the PhD programme, may choose whether to: - participate in the selection as a public employee, thereby automatically waiving the doctoral grant; - participate in the selection for a position with grant, without declaring their status as a public employee at the application stage.	Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1		N.	Area disciplinare / SSD	1	SSD: IINF-02/A “Campi Elettromagnetici”			
Positions reserved for holders of research grants awarded by the University of Pisa – Article 3 of the Call for applications: 1										
N.	Area disciplinare / SSD									
1	SSD: IINF-02/A “Campi Elettromagnetici”									

Applicants who are public employees, in the case referred to under point 1, must declare their status during the above-mentioned online application procedure by selecting the corresponding option in the dedicated field available on the “Alice” platform <https://www.studenti.unipi.it>. Such candidates must also submit a self-declaration certifying their employment with the relevant public body, in accordance with Annex 1 to the Call for applications. Any applicant who, when submitting the online application, declares that they wish to participate as a public employee shall automatically waive the grant, and the provisions governing the ranking list set out in Article 5 of the Call shall apply. This choice is irrevocable and may not be changed at a later stage.

The information below applies to all the selection procedures indicated above

ADMISSION REQUIREMENTS (Article 3 of the Call for applications)

Master’s Degree (LM) /Second Degree (Specialistica-LS) (or Old system University Degree): **ALL**

or
equivalent academic qualification in accordance with *Ministerial Decree of 9 July 2009* **to be obtained by 31 October 2026**.
In the event that the degree has not yet been awarded by the deadline of the Call for applications, the candidate must attach a list of the examinations taken, including the corresponding marks.

Important: In this regard, during the online application procedure for the selection, the candidate must attach a self-declaration concerning the degree already obtained, or to be obtained, drawn up in accordance with Presidential Decree no. 445/2000, as per Annex 2 to the Call for applications.

SELECTION METHODS AND CRITERIA (Article 4 of the Call for applications)

Curriculum vitae

The CV, duly signed and accompanied by a photocopy of a valid identity document, must be uploaded exclusively during the online application procedure for the selection, and must outline the candidate’s educational background, as well as their professional and research experience. **Candidates are advised to submit any documentation deemed useful for the purposes of assessing the CV.**

Interview

The interview shall assess the candidate’s knowledge, aptitude for research, willingness to undertake training pathways in Italy and abroad, and interest in further scientific study. The interview aims to verify the candidate’s potential to integrate positively into the research activities of interest to the Doctorate.

Selection: , , , , , , , , , e

Videoconferencing Interviews will only take position remotely.

Selection: , , , , , , , , , , , e

Videoconferencing

Candidates wishing to take the interview by videoconference must upload the VIDEO Annex to the Call for applications **exclusively during the online application procedure for the selection**. Requests received after the deadline of the Call for applications (**10 August 2026**) shall be submitted to the Selection Committee, which will assess whether to accept them in light of the technical time required to organise the interview by videoconference.

Research Project:

to be assessed together with the CV and to be presented at the interview

The research project must be uploaded **during the online application procedure for registration**.

The research project, assessed together with the CV, is intended to highlight the candidate’s ability to design a research proposal and to verify the consistency of its content with the PhD programme themes.

The research project, which will be discussed during the interview, must be presented by the candidate in order to demonstrate its feasibility and sustainability.

The research project must briefly describe (no more than 5 pages of text and figures) the general idea, methodology, development phases, and expected results of a research project in the field of Information Engineering that the candidate intends to develop as part of the Doctoral course.

The project submitted for the purposes of the selection does not constitute a constraint on future research activity.

	Minimum score	Maximum score
CV	30	50
Candidates who have obtained a score of at least 30 out of 50 points shall be admitted to the interview.		
Interview	30	50
Eligibility is achieved with a minimum score of 60 out of 100 points		

SCHEDULE OF THE TESTS

The tests may take place in the period **between 14 and 30 September 2026**.

The schedule of the tests, for each of the selections below, will be published **by 24 July 2026** at <https://www.unipi.it/bando-dottorato>, including the indication of the venue where they will be held.

RANKING LIST AND ENROLMENT

Article 5 of the Call for applications sets out:

- the procedures for drawing up the ranking list
- the date of publication of the ranking list
- the procedures and deadlines for enrolment
- the procedures and deadlines for subsequent admissions from the ranking list.

Important: Subsequent admissions from the ranking lists, after 6 October and until 31 December 2026, are permitted only for “open” grants (i.e. those without a specific research topic).

In the other selection procedures, as they involve subject-based grants, any unassigned positions at the end of the third round of admissions from the ranking list will be made available by means of a specific notice, to be issued by Rector’s Decree in November. Such notice will be reserved for eligible candidates suitably placed in the ranking lists of the selection procedures already completed and will be published at <https://www.unipi.it/didattica/corsi/dottorati/>.

With regard to the publication of the notice and the procedures for the reallocation of the grants, **no individual email communication will be sent to eligible candidates**, as all relevant information will be provided upon publication of the ranking lists.

INFORMATION ON THE TEACHING ACTIVITIES OF THE PROGRAMME

Educational project and objectives of the programme:

<https://www.unipi.it/en/education/courses/phd-programmes/engineering-and-computer-sciences/information-engineering/>

Curricula del corso di dottorato

1. Generale
2. Industry 4.0

PhD programme website:

<https://phd.dii.unipi.it/en/>

PhD programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/regdotinginf.pdf>