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UNIVERSITÀ
DEGLI STUDI
FIRENZE
Da un secolo, oltre.



DOCTORAL PROGRAMME IN INDUSTRIAL ENGINEERING CYCLE XLI

Academic year 2025/2026

FINAL RANKINGS

In accordance with the Decree signed by the Rector of the University of Florence:

POSITIONS AVAILABLE: 25

Positions with scholarship: **23**

Positions without scholarship: **2** (*standard ranking*)

RANKING - STANDARD POSITION:

1 – University of Florence

RANKINGS - SPECIFIC RESEARCH TOPIC POSITIONS:

5 – University of Florence

13 - Department of Industrial Engineering

2 – Nuovo Pignone tecnologie s.r.l.

1 – Ergon Research s.r.l.

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Ingenio

s.r.l.

RANKING - STANDARD POSITION

	SURNAME	NAME	FINAL SCORE
1.	MASI	Eleonora	118/120
2.	GIULIANI	Irene	114/120
3.	CIPRIANI	Gianluca	112/120*
3.	RAGO	Stefano	112/120
5.	ZUPPA	Andrea	110/120
6.	CALAMAI	Riccardo	109/120*
6.	POVOLATO	Tommaso Elios	109/120
8.	DELMONTE	Andrea	107/120
9.	FALCHINI	Edoardo	106/120*
9.	CELLAI	Andrea	106/120
11.	BROGI	Margherita	105/120
12.	CRUZ GALVEZ	Luighi Digenaro	102/120*
12.	PFORR	Nikolaus Tobias	102/120
14.	MAMBELLI	Alessandro	100,07/120
15.	CAPONI GRAGNANI	Andrea	99/120
16.	AHMED	Wasif	98/120
17.	ALWAWI	Shaman	93/120

**Precedes due to younger age*

The following candidates are declared as winners:

- | | | |
|---|----------|----------|
| 1 | MASI | Eleonora |
| 2 | GIULIANI | Irene |
| 3 | CIPRIANI | Gianluca |

According to the order of the ranking list, the positions without scholarship will be allocated only upon the acceptance of the scholarship by winner n.1 and unless he renounces the scholarship itself.

RANKINGS - SPECIFIC RESEARCH TOPIC POSITIONS
University of Florence - Department of Industrial Engineering

Thematic: "Multi-scale simulation of wind turbines"

	SURNAME	NAME	FINAL SCORE
1.	CIPRIANI	Gianluca	112/120

The candidate CIPRIANI Gianluca is declared as winner.

Thematic: "Development of Tools and Methods for Active Noise Control"

	SURNAME	NAME	FINAL SCORE
1.	MAMBELLI	Alessandro	100,07/120

The candidate MAMBELLI Alessandro is declared as winner.

Thematic: "Development of nonlinear models and structural optimization strategies for innovative materials"

	SURNAME	NAME	FINAL SCORE
1.	MARIANI	Tommaso	111/120
2.	NAEEM	Muhammad Ahmad	100,8/120

The candidate MARIANI Tommaso is declared as winner.

Thematic: "Development of robotic manipulation systems"

	SURNAME	NAME	FINAL SCORE
1.	CALAMAI	Riccardo	109/120
2.	PELA	Riccardo	107/120

The candidate CALAMAI Riccardo is declared as winner.

Thematic: "Energy scenarios and sector coupling with the integration of Hydrogen and Ammonia"

	SURNAME	NAME	FINAL SCORE
1.	VELTRONI	Valentina	104/120

The candidate VELTRONI Valentina is declared as winner.

Thematic: “Use of innovative CO2 based working fluids in Closed Loop geothermal Systems for heat and power production: optimal integration with underground conditions and surface applications”

	SURNAME	NAME	FINAL SCORE
1.	FALCHINI	Edoardo	106/120
2.	AHMED	Wasif	98/120

The candidate FALCHINI Edoardo is declared as winner.

Thematic: “Multiphase and Multispecies Numerical Simulations”

	SURNAME	NAME	FINAL SCORE
1.	PETRI	Guido	108/120

The candidate PETRI Guido is declared as winner.

Thematic: “Development of patient-specific surgical simulators
Cofunded by Cassa di Risparmio di Firenze – “Progetto T3Ddy - 2025.0771”
CONTRIBUTO_FCRF_T3DDY_0771_2025 – CUP B13C25001160007”

	SURNAME	NAME	FINAL SCORE
1.	BROGI	Margherita	105/120

The candidate BROGI Margherita is declared as winner.

Thematic: “Aeroelastic design of innovative floating offshore wind turbines for the Mediterranean Sea
Cofunded by HORIZON EUROPE - Cluster 5 - Climate, Energy and Mobility
project “FLOATFARM” – CUP B13C23004640006”

	SURNAME	NAME	FINAL SCORE
1.	GIULIANI	Irene	114/120

The candidate GIULIANI Irene is declared as winner.

Thematic: “Data-Driven Decision-Support Tools for Managing Uncertainty in Manufacturing and Supply Chain Systems
Cofunded by project PRIN 2022 “SHOES” (DR 1401 del 18/09/2024) cod. No. 2022YRSHB2 – CUP B53C24007020006”

	SURNAME	NAME	FINAL SCORE
1.	ERMINI	Elena	109/120
2.	CRUZ GALVEZ	Luighi Digenaro	102/120

The candidate ERMINI Elena is declared as winner.

Thematic: “Experimental and Numerical Thermal Analysis of the Piston and Piston Rings in Hydrogen-Fueled Internal Combustion Engines
Cofunded by project "TISMEN" Accordi per l'Innovazione -
CUP B19J24001440005”

	SURNAME	NAME	FINAL SCORE
1.	RAGO	Stefano	112/120
2.	DELMONTE	Andrea	107/120

The candidate RAGO Stefano is declared as winner.

Thematic: “AI-Driven Solutions for Next-Generation Underwater Autonomous Systems
Cofunded by MUR Call FIS - project “PRSTNT” cod. No. FIS -2023-03704
CUP B53C24009590001”

	SURNAME	NAME	FINAL SCORE
1.	MINARELLI	Marco	110/120

The candidate MINARELLI Marco is declared as winner.

Thematic: “Developing solutions to enhance the Endurance of Next-Generation Underwater Robots
Cofunded by MUR Bando Call FIS - project “PRSTNT” cod. No. FIS -2023-03704
CUP B53C24009590001”

	SURNAME	NAME	FINAL SCORE
1.	CASADEI	Olivia	107/120
2.	CALAMAI	Riccardo	102/120

The candidate CASADEI Olivia is declared as winner.

Thematic: “Analysis, simulation and optimization of manufacturing processes
Cofunded by project PRIN 2022 “DoTPOWER” (DR 1401 del 18/09/2024) cod.
No. 2022SCH9W8 – CUP B53C24006980006”

	SURNAME	NAME	FINAL SCORE
1.	CALDINI	Fausto	113/120
2.	EKINCI	Erkin Ege	96/120

The candidate CALDINI Fausto is declared as winner.

Thematic: “Development of Molecular Films for Spintronic Devices Based on Chirality-Induced Spin Selectivity
Cofunded by MUR Call FIS project “SPIRO- χ ” - cod. No. FIS-2023-01975
CUP B53C24009570001”

	SURNAME	NAME	FINAL SCORE
1.	PARMEGGIANI	Francesco	115/120

The candidate PARMEGGIANI Francesco is declared as winner.

Thematic: “Development and validation of turbulent combustion models for hydrogen combustion in gas turbines

Cofunded by HORIZON EUROPE project “Insigh2T” - JTI-CLEANH2-2024 CUP B13C25000050006”

	SURNAME	NAME	FINAL SCORE
1.	BALLINI BERLINCIONI	Matteo	115/120

The candidate BALLINI BERLINCIONI Matteo is declared as winner.

Thematic: “Experimental characterization of Gas Turbine cooled components by means of inverse heat conduction methods

Cofunded by HORIZON EUROPE project “NEUMANN” - EDF-2021-ENERENV2-2 – CUP B13C22003610006”

	SURNAME	NAME	FINAL SCORE
1.	AGOSTINI	Yuri Silvio	110/120

The candidate AGOSTINI Yuri Silvio is declared as winner.

Thematic: “Social robotics in neurodevelopmental diseases and rehabilitation

Cofunded by MUR - Call EU Partnership on Transforming Health and Care Systems - THCS 2023 “Healthcare of the future” project “ROOMMATE” - CUP B13C24001730002”

	SURNAME	NAME	FINAL SCORE
1.	ADELUCCI	Elena	107/120
2.	PETTINI	Chiara	94/120

The candidate ADELUCCI Elena is declared as winner.

RANKINGS - SPECIFIC RESEARCH TOPIC POSITIONS

Nuovo Pignone tecnologie s.r.l.

Thematic: “CFD Analysis of the combustion process in gas turbines fueled with NH3, H2 and natural gas mixture”

	SURNAME	NAME	FINAL SCORE
1.	MASI	Viola	114/120

The candidate MASI Viola is declared as winner.

Thematic: “Innovative Hydrogen Transport System”

	SURNAME	NAME	FINAL SCORE
1.	VERZINO	Antonio	101/120

The candidate VERZINO Antonio is declared as winner.

RANKING - SPECIFIC RESEARCH TOPIC POSITION**Ergon Research s.r.l.**

Thematic: “Development of CFD methodologies and reduced order models to investigate the interactions between stator-rotor cavity egress and main annulus flow in gas turbine engines.”

	SURNAME	NAME	FINAL SCORE
1.	SANDRIN	Simone	111/120
2.	LOCATELLI	Lapo	95/120

The candidate SANDRIN Simone is declared as winner.

RANKING - SPECIFIC RESEARCH TOPIC POSITION**Ingenio s.r.l.**

Thematic: “Strategic Human Resource Management in project-based organizations: enhancing agility and resilience through People-Centric practices.”

	SURNAME	NAME	FINAL SCORE
1.	QUADRATI	Lorenzo	109/120

The candidate QUADRATI Lorenzo is declared as winner.