



UNIVERSITÀ
DEGLI STUDI
FIRENZE

Da un secolo, oltre.



HR EXCELLENCE IN RESEARCH

AREA
SERVIZI ALLA
DIDATTICA

Settore Dottorato di Ricerca

UNIVERSITY OF FLORENCE - Ph.D. PROGRAMMES – CALL FOR APPLICATIONS
XLI CYCLE – academic year 2025/2026
(D.R. n. 559 prot. n. 107449 - May 15th 2025)

LISTS OF CANDIDATES ADMITTED TO THE COMPETITION

DOCTORAL PROGRAMME IN

INDUSTRIAL ENGINEERING

On the basis of the outcome of the preliminary meeting of the Admission Board, below are the lists of candidates admitted to the interview:

RANKING STANDARD POSITIONS

Surname	Name	Qualification documents scoring
AHMED	WASIF	67
ALWAWI	SHAMAN	63
BROGI	MARGHERITA	74
CALAMAI	RICCARDO	77
CAPONI GRAGNANI	ANDREA	66
CELLAI	ANDREA	72
CIPRIANI	GIANLUCA	77
CRUZ GALVEZ	LUIGHI DIGENARO	68
DELMONTE	ANDREA	72
FALCHINI	EDOARDO	71
GIULIANI	IRENE	76
MAMBELLI	ALESSANDRO	66,07
MASI	ELEONORA	80
PFORR	NIKOLAUS TOBIAS	68
POVOLATO	TOMMASO ELIOS	74
RAGO	STEFANO	77
TADDEUCCI	NICCOLÒ	61
ZUPPA	ANDREA	73

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence
Thematic: "Multi-scale simulation of wind turbines"

Surname	Name	Qualification documents scoring
CIPRIANI	GIANLUCA	77

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence
Thematic: "Development of Tools and Methods for Active Noise Control"

Surname	Name	Qualification documents scoring
MAMBELLI	ALESSANDRO	66,07

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence
Thematic: "Development of nonlinear models and structural optimization strategies for innovative materials"

Surname	Name	Qualification documents scoring
MARIANI	TOMMASO	77
NAEEM	MUHAMMAD AHMAD	66,8

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence
Thematic: "Development of robotic manipulation systems"

Surname	Name	Qualification documents scoring
CALAMAI	RICCARDO	77
PELA	RICCARDO	74

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence
Thematic: "Energy scenarios and sector coupling with the integration of Hydrogen and Ammonia"

Surname	Name	Qualification documents scoring
VELTRONI	VALENTINA	69

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

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	Qualification documents scoring
AHMED	WASIF	67
FALCHINI	EDOARDO	71

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: "Multiphase and Multispecies Numerical Simulations"

Surname	Name	Qualification documents scoring
PETRI	GUIDO	76

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: "Development of patient-specific surgical simulators"

Surname	Name	Qualification documents scoring
BROGI	MARGHERITA	74

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: "Aeroelastic design of innovative floating offshore wind turbines for the Mediterranean Sea"

Surname	Name	Qualification documents scoring
GIULIANI	IRENE	76

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by Dief and University of Florence

Thematic: “Data-Driven Decision-Support Tools for Managing Uncertainty in Manufacturing and Supply Chain Systems”

Surname	Name	Qualification documents scoring
CRUZ GALVEZ	LUIGHI DIGENARO	68
ERMINI	ELENA	72
MEACCI	MATTEO	66

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by Dief and University of Florence

Thematic: “Experimental and Numerical Thermal Analysis of the Piston and Piston Rings in Hydrogen-Fueled Internal Combustion Engines”

Surname	Name	Qualification documents scoring
DELMONTE	ANDREA	72
RAGO	STEFANO	77

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by Dief and University of Florence

Thematic: “AI-Driven Solutions for Next-Generation Underwater Autonomous Systems”

Surname	Name	Qualification documents scoring
MINARELLI	MARCO	77

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by Dief and University of Florence

Thematic: “Developing solutions to enhance the Endurance of Next-Generation Underwater Robots”

Surname	Name	Qualification documents scoring
CALAMAI	RICCARDO	70
CASADEI	OLIVIA	72

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: “Analysis, simulation and optimization of manufacturing processes”

Surname	Name	Qualification documents scoring
CALDINI	FAUSTO	78
EKINCI	ERKIN EGE	66

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: “Development of Molecular Films for Spintronic Devices Based on Chirality-Induced Spin Selectivity”

Surname	Name	Qualification documents scoring
PARMEGGIANI	FRANCESCO	76

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

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

Surname	Name	Qualification documents scoring
BALLINI BERLINCIONI	MATTEO	78

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

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

Surname	Name	Qualification documents scoring
AGOSTINI	YURI SILVIO	73

RANKING
POSITIONS WITH SPECIFIC RESEARCH TOPIC
Cofunded by DIEF and University of Florence

Thematic: “Social robotics in neurodevelopmental diseases and rehabilitation”

Surname	Name	Qualification documents scoring
ADELUCCI	ELENA	71

PETTINI	CHIARA	65
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RANKING

POSITIONS WITH SPECIFIC RESEARCH TOPIC

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	Qualification documents scoring
MASI	VIOLA	75

RANKING

POSITIONS WITH SPECIFIC RESEARCH TOPIC

Nuovo Pignone tecnologie s.r.l.

Thematic: “Innovative Hydrogen Transport System”

Surname	Name	Qualification documents scoring
VERZINO	ANTONIO	70

RANKING

POSITIONS WITH SPECIFIC RESEARCH TOPIC

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	Qualification documents scoring
LOCATELLI	LAPO	66
SANDRIN	SIMONE	75

RANKING

POSITIONS WITH SPECIFIC RESEARCH TOPIC

Ingenio s.r.l.

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

Surname	Name	Qualification documents scoring
QUADRATI	LORENZO	73

The Officer in Charge of the Procedure
Sabrina Pazzagli