



**DOCTORAL PROGRAMME IN
INDUSTRIAL ENGINEERING**

CYCLE XXXVIII

Academic year 2022/2023

FINAL RANKINGS

In accordance with the D.R. n. 1207 (prot. n. 215894) signed on 4th October, 2022 by the Rector of the University of Florence

POSITIONS AVAILABLE: 18

Positions with scholarship: **15**

Reserved position: **1**

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

RANKING FOR STANDARD POSITIONS

1 – University of Florence

RANKINGS FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

5 – University of Florence

9 – Department of Industrial Engineering (DIEF)

RANKING FOR RESERVED POSITION

1 – Reserved for SUPER-CROMO s.r.l. employees

RANKING - STANDARD POSITIONS

	SURNAME	NAME	FINAL SCORE	RESULT
1.	RAFANELLI	ISACCO	117,5/120	Position with scholarship
2.	LEMMI	GIANMARCO	116,5/120	Position without scholarship
3.	BROCCHI	SOFIA	108,5/120	Position without scholarship
4.	VENEROSO	LUCA	104/120	Eligible
5.	LOPEZ	ANIA	102/120	Eligible
6.	VARRICCHIO	LUCA	101/120	Eligible
7.	GIUSTI	EMANUELE	100/120	Eligible
8.	GOTTINI	DANIELE	99/120	Eligible
9.	MUSTAFA	SAMEEN	93/120	Eligible

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Experimental analysis of gas turbine combustion process in presence of non-conventional flame concepts and variable hydrogen content fuels

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BROCCHI	SOFIA	108,5/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Development of Methods and Technologies for Diagnostics and Online Identification of Sustainable Mobility Solutions based on the Integration of multi-physical and multi-sensory data

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BELLACCI	GIOVANNI	100/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Analysis and design of high Mach centrifugal compressors

	SURNAME	NAME	FINAL SCORE	RESULT
1.	PELA	ALESSANDRO	112/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Geothermal energy in support of renewables: helping the ecological transition

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MANFREDI	ALESSIA	106/120	Position with scholarship
2.	FALLAHZADEH	RASOUL	100/120	Eligible

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Research and development of tools for the digital modelling, the simulation and the multi-physics geometric optimization

	SURNAME	NAME	FINAL SCORE	RESULT
1.	STOMACI	TOMMASO	111/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Research and development of CAD, RE and AM-based methodologies for a personalized approach to patient care

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MENCARELLI	MARTA	109/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Advanced manufacturing approaches for aerospace components

	SURNAME	NAME	FINAL SCORE	RESULT
1.	GOTTINI	DANIELE	99/120	Position with scholarship
2.	MUSTAFA	SAMEEN	93/120	Idoneo

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Development of engineering models for Circular Design and eco-profile assessment of industrial products

	SURNAME	NAME	FINAL SCORE	RESULT
1.	INNOCENTI	ELEONORA	104/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Studies on the dynamic characterization of steering boxes for self-driving vehicles

	SURNAME	NAME	FINAL SCORE	RESULT
1.	VENEROSO	LUCA	104/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Research and development in Ultra-portable AI-based sensor systems for biomechanical and neurophysiological assessment in neurodegenerative disorders

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BENVENUTI	PIETRO	108/120	Position with scholarship

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC

Development and validation of high-fidelity CFD models for the investigation of combustion process in gas turbines based on non-conventional flame concepts using variable content fuels

Not assigned

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC
Modeling and optimization of machining and additive processes

Not assigned

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC
Development of energy optimization strategies for railway applications

Not assigned

RANKING FOR POSITIONS WITH SPECIFIC RESEARCH TOPIC
Research and development in multi-modal behavior models for Human-Robot Interaction and social decision making in biomedical contexts

Not assigned

RANKING FOR RESERVED POSITION
Reserved for SUPER-CROMO s.r.l employees

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MANCINI	SANDRO	101/120	Eligible

SUPERNUMERARY POSITIONS

	SURNAME	NAME	FINAL SCORE	RESULT
1.	KAYA	AHMET FATIH	102/120	Eligible
2.	KAYA	ELIF	95/120	Eligible

Florence, 4th October 2022