



UNIVERSITY OF FLORENCE - Ph.D. PROGRAMMES – CALL FOR APPLICATIONS  
XXXIX CYCLE – academic year 2023/2024  
(D.R. n. 433 prot. n. 101703 - May 10<sup>th</sup> 2023)

**LIST 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 LIST  
STANDARD POSITIONS**

<b>Surname</b>	<b>Name</b>	<b>Qualification documents scoring</b>
BATISTI	Marco	79/120
BUCCI	Ilaria	75/120
DI NATALE	Alessia	69/120
EMANUELI FRANCIOLI	Giovanni	70/120
GASTPARI	Konrad	72/120
GIGLIOTTI	Federico	76/120
GRILLI	Niccolò	76/120
GUADAGNO	Maurizio	67/120
MIRALIZADEH JALALAT	Sepideh	68,375/120
RAMIREZ HERRERA	Renzo Ramiro	65/120
RERA	Leonardo	66/120
RETTORI	Lorenzo	74/120
RONCHI	Leandro	70/120
RUSSO	Giacomo	69/120
SCOPOLINI	Nicola	63/120
SENATORI	Giada	62/120
TAFA	Idriz	66/120
TANI	Niccolò	68/120
TORZINI	Lorenzo	74/120
WEISSKOPF	Simon Alexander	69,5/120

### RANKING LIST - SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** "Artificial intelligence techniques for underwater vehicles for monitoring and intervention tasksatic"

Surname	Name	Qualification documents scoring
CECCHI	Lorenzo	76/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** "Heat mining in horizontal closed loop geothermal systems with CO2 and smart fluids mixtures: modelling and experimental analysis on a lab scale test bench"

Surname	Name	Qualification documents scoring
ABDUL FAREED	Shaila	74/120
GIGLIOTTI	Federico	76/120
JAMALI ALAMOOTI	Samira	78/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** "Optimization and monitoring of machining and WAAM additive processes"

Surname	Name	Qualification documents scoring
ALTUN	Baris	67/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** "Aerodynamic study of innovative turbines for energy transition applications"

Surname	Name	Qualification documents scoring
GIANNINI	Giovanni	76/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** "Manufacturing process modelling and optimization for aerospace components"

Surname	Name	Qualification documents scoring
LILLI	Riccardo	76/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** “Physical and Virtual prototyping of tools and devices to support personalised medicine”

Surname	Name	Qualification documents scoring
MAGNANI	Aurora	74/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** “Research and development on multi-modal behaviour models for Human Robot Interaction and social decisionmaking in biomedical contexts”

Surname	Name	Qualification documents scoring
PUGI	Lorenzo	72/120
RETTORI	Lorenzo	65/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**Thematic:** “Modelling and simulation of natural gas distribution networks with hydrogen injection”

Surname	Name	Qualification documents scoring
FRANCESCONI	Michele	74/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**NRRP - European Union - NextGenerationEU**

**Thematic:** “Simulation, Experimentation and Optimization of Energy Storage and Management Systems for Land Vehicles”

Surname	Name	Qualification documents scoring
KOCIU	Aljon	64/120

### RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION

**NRRP - European Union - NextGenerationEU**

**Thematic:** “Employment of machine learning techniques in the development of turbulence and transition models for applications in turbomachinery flow”

Surname	Name	Qualification documents scoring
METTI	Leonardo	78/120

**RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION**

**NRRP - European Union - NextGenerationEU**

**Thematic:** “Pressure Gain Combustion demonstrator development for new Hydrogen high efficiency thermal engine based on Rotating Det”

<b>Surname</b>	<b>Name</b>	<b>Qualification documents scoring</b>
TAGLIAFERRI	Mauro	73/120

**RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION**

**NRRP - European Union - NextGenerationEU**

**Thematic:** “Development of numerical simulation methodologies for the study of innovative turbocharging systems for hydrogen-fueled internal combustion engines”

<b>Surname</b>	<b>Name</b>	<b>Qualification documents scoring</b>
GRILLI	Niccolò	76/120
VENTURI	Alessio	77/120

**RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION**

**NRRP - European Union - NextGenerationEU**

**Thematic:** “Research and development in Ultra-portable AI-based sensor systems for biomechanical and neurophysiological assessment in chronic disorders “

<b>Surname</b>	<b>Name</b>	<b>Qualification documents scoring</b>
FRANCALANCI	Beatrice	75/120
RETTORI	Lorenzo	71/120

**RANKING LIST – SPECIFIC RESEARCH TOPICS POSITION**

**Cassa di Risparmio di Pistoia e Pescia**

**Thematic:** “Ultrasound treatment of tumor tissues to force cells into apoptosis “

<b>Surname</b>	<b>Name</b>	<b>Qualification documents scoring</b>
RICCI	Martina	69/120

Florence, July 4<sup>th</sup> 2023

The Officer in Charge of the Procedure  
Sabrina Pazzagli