



UNIVERSITÀ
DEGLI STUDI
FIRENZE

AREA
SERVIZI ALLA
DIDATTICA

DOTTORATO



UNIONE EUROPEA
Fondo Sociale Europeo



DOCTORAL PROGRAMME IN INDUSTRIAL ENGINEERING

CYCLE XXXVII

Academic year 2021/2022

FINAL RANKINGS

In accordance with the D.R. n. 1685 (prot. n. 299767) signed on 11th November, 2021 by the President of the University of Florence

Ranking n. 1

Analysis and development of new systems for the power unit for micromobility - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	LASCHI	MAURIZIO	72/100	Position with scholarship

Ranking n. 2

Analysis and development of low emission combustion technologies for small size GT operated with 100% hydrogen for power generation, CHP applications and integration with RES - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	GENERINI	GIULIO	80/100	Position with scholarship
2.	HASLAM	RIESS	65,5/100	eligible

Ranking n. 3

Analysis and development of innovative gas turbine combustion technologies for clean and safe use of hydrogen as zero-carbon fuel for future aeroengines - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BALLOTTI	ANDREA	69,5/100	Position with scholarship
2.	HASLAM	RIESS	68,5/100	eligible

Ranking n. 4

Analysis and development of innovative gas turbine cooling technologies for future green aeroengines - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	HASLAM	RIESS	72,5/100	Position with scholarship
2.	RAFANELLI	ISACCO	69/100	eligible
3.	PELA	ALESSANDRO	66/100	eligible

Ranking n. 5

Advanced numerical and experimental modeling of the next generation of electrolyzers - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	DREONI	MARCO	79/100	Position with scholarship

Ranking n. 6

Sustainability of the supply chain of "One of A Kind" huge production systems - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	FERRARO	SAVERIO	71/100	Position with scholarship

Ranking n. 7

Energy optimization of rail transport through innovative strategies for electric energy recovery and storage - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	NENCIONI	LEANDRO	73/100	Position with scholarship
2.	UL-HASSAN	SHAHEER	67/100	eligible

Ranking n. 8

Innovative and eco-compatible processes in MIM technology and for the surface finishing of metals - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MILANESI	ALESSIO	75/100	Position with scholarship

Ranking n. 9

Smart energy systems and networks for the Mediterranean area - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	SUPERCHI	FRANCESCO	83/100	Position with scholarship
2.	NEGRONI	FILIPPO	66/100	eligible

Ranking n. 10

Numerical and experimental study of the “Auto Cascade Refrigeration” technology with the development of systems and components for ultra-low temperature solutions - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	AGOSTINI	GIANMARCO	87/100	Position with scholarship

Ranking n. 11

Development of Circular Design methodological approaches to improve the eco-sustainability of Oil&Gas systems - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	GIRALDI	ALESSANDRO	68/100	Position with scholarship

Ranking n. 12

Development of innovative hydrokinetic turbines for small watercourses - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	MOHAMED	OMAR	81/100	Position with scholarship
2.	NEGRONI	FILIPPO	69/100	eligible

Ranking n. 13

Development of methods and their application for right-sizing of electric and hybrid-powered Two-Wheelers - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	NICCOLAI	ADELMO	67/100	Position with scholarship

Ranking n. 14

Development of innovative compression systems for hydrogen with reciprocating compressors - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	RASPANTI	SANDRO	77,5/100	Position with scholarship
2.	GUIDOZZI	SIMONE	67,5/100	eligible

Ranking n. 15

Development of innovative compression systems for hydrogen with centrifugal compressors - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BARONI	ALBERTO	84/100	Position with scholarship
2.	GUIDOZZI	SIMONE	70,5/100	eligible

Ranking n. 16

Development of underwater technologies for the monitoring and conservation of coastal biodiversity - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	LIVERANI	GERARDO	68/100	Position with scholarship

Ranking n. 17

Use of computational methods for the multidisciplinary design of fluid machinery that use hydrogen from renewable sources - GREEN topic

	SURNAME	NAME	FINAL SCORE	RESULT
1.	BANDINI	ALBERTO	72,5/100	Position with scholarship

Ranking n. 18

Design of air conditioning and air treatment systems in industrial and healthcare environments - GREEN topic

No candidate

Ranking n. 19

Study of systems for the sequestration of CO₂ on thermal machines and internal combustion engines and implementation of solutions for the methanation of carbon dioxide in an energy transition perspective - GREEN topic

No candidate

Florence, 12th November 2021