

# 39th CYCLE PHD CALL

# Ranking of the Admitted and Eligible candidates (D.I. 8068 prot. n. 163720 of 13/07/2023)

For Italian citizens and foreigners D.R. n. 3792 prot. 83264 of 06/04/2023.

PhD Course: INGEGNERIA MECCANICA / MECHANICAL ENGINEERING - 1383

Places available for call				
Type of Scholarship	Short name	Number of scholarship places	Of which this number are reserved for foreigners	Title of the thematic scholarship
Generic	G	1	0	
Theme	T01	1	0	ADDITIVE MANUFACTURED HETEROGENEOUS MATERIALS OBTAINED WITH COLD SPRAY
Theme	T02	1	0	ADVANCED COATINGS AND ALLOYS
Theme	T03	1	0	ADVANCED MODELLING AND TESTING OF MATERIALS AND STRUCTURES FOR MACHINE DESIGN
Theme	T04	2	0	ADVANCED, SMART, AND SUSTAINABLE MANUFACTURING
Theme	T05	1	0	CFD SIMULATIONS OF ADDITIVE PROCESSES FOR RECYCLED CFRP
Theme	T06	1	0	COOPERATIVE CONNECTED AND AUTOMATED MOBILITY
Theme	T07	1	0	DESIGN, DEVELOPMENT AND QUALIFICATION OF ADVANCED MEASUREMENT SYSTEMS
Theme	T08	1	0	DEVELOPMENT AND QUALIFICATION OF MEASUREMENT SYSTEMS FOR HUMAN-CENTERED APPLICATIONS
Theme	T09	1	0	DEVELOPMENT OF AN INTELLIGENT ACTUATED SECOND SKIN FOR HUMAN EMPOWERMENT
Theme	T10	1	0	DEVELOPMENT OF INSTRUMENTS FOR SPACE EXPLORATION
Theme	T11	1	0	DIGITAL TRANSFORMATION IN INDUSTRIAL ENGINEERING
Theme	T12	1	0	FROM SCRAP TO ULTRACLEAN ALLOY
Theme	T13	1	0	GRADED MULTIFUNCTIONAL METALLIC AND HYBRID MATERIALS
Theme	T14	1	0	MANUFACTURING AND DEMANUFACTURING PROCESSES AND SYSTEMS
Theme	T15	1	0	PDE OPTIMIZATION OF ROBOT SWARMS FOR ACOUSTIC INVISIBILITY CLOAK



Places available for call				
Theme	T16	1	0	TAILORED PIEZOELECTRIC MATERIALS AND OPTIMALLY DESIGNED METAMATERIALS FOR ENHANCED MECHANICAL ENERGY HARVESTING
Theme	T17	1	0	UNRAVELING DAMAGE EVOLUTION IN BIO-INSPIRED MATERIALS: AN INTERDISCIPLINARY MULTI-SCALE STUDY FOR ENHANCED MECHANICAL DESIGN

Positions withou scholarship
3



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		Fir st cit ize ns hi p Ita lia	te for th e sc	To tal po int s - m ax		Eli gi bil ity T0 2*	Eli gi bil ity T3*	Eli gi bil ity T0 4*	Eli gi bil ity 5*	Eli gi bil ty T0 6*	Eli gi bil ity T0 7*	Eli gi bil ity T0 8*	Eli gi bil ity T0 9*	Eli gi bil ity T1 0*	Eli gi bil ity T1 1*	Eli gi bil ty T1 2*	Eli gi bil ty T1 3*	Eli gi bil ity T1 4*	Eli gi bil ity T1 5*	Eli gi bil ity T1 6*	Eli gi bil ity T1 7*	Re se rv e **	Outcome Call - General ranking
1	Di BRIZZI DIEGO	Ye s	Ye s	82 .0	X	Х	X	X	Х	X	Х	Х	Х	Х	Х	X	X	X	Х	Х	х	В	ADMITTED WITH SCHOLARSHIP - OPEN SUBJECT SCHOLARSHIP
2	STEFANONE ALESSANDRO	Ye s	Ye s	81 .0	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Ye s	Х	Х	Χ	Χ	Х	Х		ADMITTED WITH SCHOLARSHIP T11
3	CLEMENTINI LUDOVICA	Ye s	Ye s	78 .0	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Ye s	В	ADMITTED WITH SCHOLARSHIP T17
4	TORNAQUINDICI LUCA	Ye s	Ye s	76 .0	Х	Х	Х	Ye s	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Х		ADMITTED WITH SCHOLARSHIP T04
5	FABIOCCHI LORENZA	Ye s	Ye s	75 .0	Х	Ye s	Х	Х	Х	Х	Х	Χ	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	В	ADMITTED WITH SCHOLARSHIP T02
6	DEL CHICCA SARA	Ye s	Ye s	75 .0	Х	Х	Х	Χ	Х	Х	Х	Ye s	Х	Х	Х	Х	Χ	Χ	Χ	Х	Х		ADMITTED WITH SCHOLARSHIP T08
7	BERTOLINI FRANCESCO	Ye s	Ye s	73 .0	Х	Х	Х	Χ	Х	Χ	Х	Χ	Х	Х	Х	Х	Χ	Χ	Χ	Ye s	Х		ADMITTED WITH SCHOLARSHIP T16



	Surname and name	Fir st cit ize ns hi p Ita	μe	To tal po int s - m ax	Eli gi bil ity T0 1*	Eli gi bil ity T0 2*	Eli gi bil ity T0 3*	Eli gi bil ity T0 4*	Eli gi bil ity T0 5*	Eli gi bil ity T0 6*	Eli gi bil ity T0 7*	Eli gi bil ity T0 8*	Eli gi bil ity T0 9*	Eli gi bil ity T1 0*	Eli gi bil ity T1 1*	Eli gi bil ity T1 2*	Eli gi bil ity T1 3*	Eli gi bil ity T1 4*	Eli gi bil ity T1 5*	Eli gi bil ity T1 6*	Eli gi bil ity T1 7*	Re se rv e **	Outcome Call - General ranking
8	UCCELLO LORENZO	Ye s	Ye s	73 .0	Х	Х	Х	Х	Х	Ye s	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х		ADMITTED WITH SCHOLARSHIP T06
9	GANGI FEDERICO	Ye s	Ye s	71 .0	Χ	Х	Χ	X	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Χ	Χ	Х	Χ	В	ADMITTED WITHOUT SCHOLARSHIP
10	CASERIO LEONARDO	Ye s	Ye s	70 .0	Х	Х	Х	Ye s	Х	Χ	Х	Х	Х	Х	Χ	Χ	Х	Χ	Χ	Х	Χ	Α	ADMITTED WITHOUT SCHOLARSHIP
11	BIANCHI EMANUELE	Ye s	Ye s	69 .0	Χ	Х	Х	X	Х	Χ	Х	Х	Ye s	Х	Χ	Χ	Х	Χ	Χ	Х	Χ		ADMITTED WITH SCHOLARSHIP T09
12	CETTO PIETRO	Ye s	Ye s	69 .0	Χ	Х	Х	Х	Х	Χ	Х	Χ	Х	Х	Χ	Ye s	Х	Χ	Χ	Х	Χ		ADMITTED WITH SCHOLARSHIP T12
13	SCROCCIOLANI CHIARA	Ye s	Ye s	68 .0	Χ	Х	Χ	Ye s	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Χ	Χ	Х	Χ		ADMITTED WITHOUT SCHOLARSHIP
14	ANNUNZIATA SALVATORE	Ye s	Ye s	68 .0	Χ	Х	Ye s	Χ	Х	Χ	Х	Χ	Х	Х	Χ	Χ	Х	Χ	Χ	Х	Χ	В	ADMITTED WITH SCHOLARSHIP T03
15	TAHERI YEGANEH YAVAR	No	Ye s	66 .0	Χ	Х	Х	Ye s	Х	Х	Х	Χ	Х	Х	Χ	X	Х	Χ	Χ	Х	Χ		ADMITTED WITH SCHOLARSHIP T04
16	RADDI KIRAN TULASAGIRI	No	Ye s	65 .0	Ye s	Х	Х	Χ	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Χ	Х	Х	Х		ADMITTED WITH SCHOLARSHIP T01
17	CAPELLI ALESSANDRO	Ye s	Ye s	65 .0	Χ	Х	Х	Ye s	Х	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	Х		ELIGIBLE
18	AHMED ABDELRAHMAN	No	Ye s	62 .0	No	Х	No	Ye s	No	Χ	No	No	Χ	No	No		ADMITTED WITH SCHOLARSHIP T10						



Topic code	Topic title
T01	ADDITIVE MANUFACTURED HETEROGENEOUS MATERIALS OBTAINED WITH COLD SPRAY
T02	ADVANCED COATINGS AND ALLOYS
T03	ADVANCED MODELLING AND TESTING OF MATERIALS AND STRUCTURES FOR MACHINE DESIGN
T04	ADVANCED, SMART, AND SUSTAINABLE MANUFACTURING
T05	CFD SIMULATIONS OF ADDITIVE PROCESSES FOR RECYCLED CFRP
T06	COOPERATIVE CONNECTED AND AUTOMATED MOBILITY
T07	DESIGN, DEVELOPMENT AND QUALIFICATION OF ADVANCED MEASUREMENT SYSTEMS
T08	DEVELOPMENT AND QUALIFICATION OF MEASUREMENT SYSTEMS FOR HUMAN- CENTERED APPLICATIONS
T09	DEVELOPMENT OF AN INTELLIGENT ACTUATED SECOND SKIN FOR HUMAN EMPOWERMENT
T10	DEVELOPMENT OF INSTRUMENTS FOR SPACE EXPLORATION
T11	DIGITAL TRANSFORMATION IN INDUSTRIAL ENGINEERING
T12	FROM SCRAP TO ULTRACLEAN ALLOY
T13	GRADED MULTIFUNCTIONAL METALLIC AND HYBRID MATERIALS
T14	MANUFACTURING AND DEMANUFACTURING PROCESSES AND SYSTEMS
T15	PDE OPTIMIZATION OF ROBOT SWARMS FOR ACOUSTIC INVISIBILITY CLOAK
T16	TAILORED PIEZOELECTRIC MATERIALS AND OPTIMALLY DESIGNED METAMATERIALS FOR ENHANCED MECHANICAL ENERGY HARVESTING
T17	UNRAVELING DAMAGE EVOLUTION IN BIO-INSPIRED MATERIALS: AN INTERDISCIPLINARY MULTI-SCALE STUDY FOR ENHANCED MECHANICAL DESIGN

** Reserve Description of the rese	rve
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The admission/eligibility is subject to the attainment of the English level as requested in the Call by the enrolment deadlines
The admission/eligibility is subject to the attainment of the required degree by the enrolment deadlines



Candidates admitted to a Phd course are recommended to read carefully the art. 7 of the 39rd cycle call, available on the site www.dottorato.polimi.it/en/.



#### 39th CYCLE PHD CALL

# Topics Ranking of the Admitted and Eligible candidates (D.I. 8068 prot. n. 163720 of 13/07/2023)

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# Theme T1: ADDITIVE MANUFACTURED HETEROGENEOUS MATERIALS OBTAINED WITH COLD SPRAY Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	RADDI KIRAN TULASAGIRI	N	74.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T2: ADVANCED COATINGS AND ALLOYS
Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	FABIOCCHI LORENZA	S	87.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T3: ADVANCED MODELLING AND TESTING OF MATERIALS AND STRUCTURES FOR MACHINE DESIGN Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	ANNUNZIATA SALVATORE	S	77.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T4: ADVANCED, SMART, AND SUSTAINABLE MANUFACTURING Number of scholarship places 2 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	TORNAQUINDICI LUCA	S	87.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP
2	TAHERI YEGANEH YAVAR	N	77.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP
3	CASERIO LEONARDO	S	75.0 / 100	S	N	theme not assigned	ADMITTED WITHOUT SCHOLARSHIP
4	SCROCCIOLANI CHIARA	S	74.0 / 100	S	N	theme not assigned	ADMITTED WITHOUT SCHOLARSHIP
5	CAPELLI ALESSANDRO	S	70.0 / 100	S	N	theme not assigned	ELIGIBLE



Theme T5: CFD SIMULATIONS OF ADDITIVE PROCESSES FOR RECYCLED CFRP Number of scholarship places 1 Of which this number are reserved for foreigners 0



Theme T6: COOPERATIVE CONNECTED AND AUTOMATED MOBILITY
Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	UCCELLO LORENZO	S	81.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T7: DESIGN, DEVELOPMENT AND QUALIFICATION OF ADVANCED MEASUREMENT SYSTEMS Number of scholarship places 1 Of which this number are reserved for foreigners 0



Theme T8: DEVELOPMENT AND QUALIFICATION OF MEASUREMENT SYSTEMS FOR HUMAN-CENTERED APPLICATIONS Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	DEL CHICCA SARA	S	85.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T9: DEVELOPMENT OF AN INTELLIGENT ACTUATED SECOND SKIN FOR HUMAN EMPOWERMENT Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	BIANCHI EMANUELE	S	82.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T10: DEVELOPMENT OF INSTRUMENTS FOR SPACE EXPLORATION Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	AHMED ABDELRAHMAN	N	65.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T11: DIGITAL TRANSFORMATION IN INDUSTRIAL ENGINEERING Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	STEFANONE ALESSANDRO	S	82.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T12: FROM SCRAP TO ULTRACLEAN ALLOY
Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	CETTO PIETRO	S	81.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T13: GRADED MULTIFUNCTIONAL METALLIC AND HYBRID MATERIALS Number of scholarship places 1 Of which this number are reserved for foreigners 0



Theme T14: MANUFACTURING AND DEMANUFACTURING PROCESSES AND SYSTEMS Number of scholarship places 1 Of which this number are reserved for foreigners 0



Theme T15: PDE OPTIMIZATION OF ROBOT SWARMS FOR ACOUSTIC INVISIBILITY CLOAK Number of scholarship places 1 Of which this number are reserved for foreigners 0



Theme T16: TAILORED PIEZOELECTRIC MATERIALS AND OPTIMALLY DESIGNED METAMATERIALS FOR ENHANCED MECHANICAL ENERGY HARVESTING Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	BERTOLINI FRANCESCO	S	85.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



Theme T17: UNRAVELING DAMAGE EVOLUTION IN BIO-INSPIRED MATERIALS: AN INTERDISCIPLINARY MULTI-SCALE STUDY FOR ENHANCED MECHANICAL DESIGN

Number of scholarship places 1 Of which this number are reserved for foreigners 0

	Surname and name	First citizenship Italian	Total points - max 100	Eligibility	Assignment	Result Topic	Outcome Call - General ranking
1	CLEMENTINI LUDOVICA	S	88.0 / 100	S	S	theme assigned	ADMITTED WITH SCHOLARSHIP



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