



Ranking List for the PhD program in
Mechanical Engineering
39th Cycle
Second session

Total number of ordinary positions available in second session: 27

Total number of positions reserved to boursaries of Governments or by national or foreign public bodies, available in second session: 0

Summary tab of scholarships available in second session:

4	University scholarships	Scholarships withown research topic
1	DIMEAS - Multi-physics meso-scale models for the analysis and design of variable stiffness composites	Scholarship with predefined research topic
1	DIMEAS - Numerical modelling of remote handling systems	Scholarship with predefined research topic
1	HPC-Based Domain Decomposition Methods for Turbomachinery Applications	Scholarship with predefined research topic
1	MUR DM 117/Azimut Benetti - High hydrodynamic efficiency boat with hydrogen fueling	Scholarship with predefined research topic
1	MUR DM 117/Denso - Virtual evaluation of acoustic comfort in off-road vehicles	Scholarship with predefined research topic
1	MUR DM 117/Easyrain - Detection of aquaplaning and identification of potential friction in tyre/road contact under low grip	Scholarship with predefined research topic
1	MUR DM 117/Edison - Robotica di servizio per attività di ispezione in ambito industriale	Scholarship with predefined research topic
1	MUR DM 117/ENI - Fatigue behavior study on floating offshore wind turbines	Scholarship with predefined research topic
1	MUR DM 117/Leonardo - Development of a prognostics and health management system for aviation industry	Scholarship with predefined research topic
1	MUR DM 117/Microtecnica - Fly-by-wire flight control system for commercial rotorcrafts	Scholarship with predefined research topic
1	MUR DM 117/Mollebalestra - Smart adaptive leaf springs for advanced digital vehicles	Scholarship with predefined research topic
1	MUR DM 117 - Optimization of the interaction between battery & power electronic systems in BEVs/FCEVs through electrical, thermal and vibrational analysis	Scholarship with predefined research topic
1	MUR DM 117/Stellantis - High efficiency vehicles for last mile delivery	Scholarship with predefined research topic
1	MUR DM 117/Stellantis - Highly integrated battery system design for electric vehicles.	Scholarship with predefined research topic
1	MUR DM 117/Stellantis - Optimized structures and body for last mile delivery vehicles	Scholarship with predefined research topic



1	MUR DM 118 - Design and optimization of AM metal and metal composite materials for space liquid rocket engines cooling systems applications	Scholarship with predefined research topic
1	MUR DM 118 - Development of an AI based optimization tool for offshore wind farm layout optimization and informed decision making	Scholarship with predefined research topic
1	MUR DM 118 - Electrification of Urban Multi-tools Vehicles for public green areas	Scholarship with predefined research topic
1	MUR DM 118 - Offshore renewable energy underwater noise evaluation and mitigation strategies, in collaboration with Pantelleria Municipality.	Scholarship with predefined research topic
1	Multifield modeling of curing for virtual manufacturing of composites	Scholarship with predefined research topic
1	PNRR - Integrated methods of design and validation of electric vehicle powertrain including NVH performance	Scholarship with predefined research topic

Number of positions for Ph.D in apprenticeship for the second session:

1	Vanzetti Engineering - Advance methodology for designing cryogenic pumps	Position with predefined research topic
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Number of positions without scholarship available for the second session: 1

SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic/ Positions for Ph.D. in apprenticeship	Waiving right to scholarship	Allocated scholarship/Positions for Ph.D. in apprenticeship	Notes
F468804	81,2	HPC-Based Domain Decomposition Methods for Turbomachinery Applications	---	HPC-Based Domain Decomposition Methods for Turbomachinery Applications	Conditional admission *
F529921	79,6	MUR DM 117/Edison - Robotica di servizio per attività di ispezione in ambito industriale	---	MUR DM 117/Edison - Robotica di servizio per attività di ispezione in ambito industriale	Conditional admission *
F523063	77,8	---	---	Ateneo	---
F517367	77	---	---	Ateneo	---
F411717	75,8	---	---	Ateneo	---
F431051	73,9	---	---	Ateneo	Younger applicant prevails
F360919	73,9	MUR DM 118 - Offshore renewable energy underwater noise evaluation and mitigation strategies, in collaboration with Pantelleria Municipality.	---	MUR DM 118 - Offshore renewable energy underwater noise evaluation and mitigation strategies, in collaboration with Pantelleria Municipality.	---
F523857	73,3	Multifield modeling of curing for virtual manufacturing of composites	---	Multifield modeling of curing for virtual manufacturing of composites	---
F531809	72,5	PNRR - Integrated methods of design and validation of electric vehicle powertrain including NVH performance	---	PNRR - Integrated methods of design and validation of electric vehicle powertrain including NVH performance	---



User	Score	Eligibility to scholarship with predefined research topic/ Positions for Ph.D. in apprenticeship	Waiving right to scholarship	Allocated scholarship/Positions for Ph.D. in apprenticeship	Notes
F532917	72	MUR DM 118 - Development of an AI based optimization tool for offshore wind farm layout optimization and informed decision making	---	MUR DM 118 - Development of an AI based optimization tool for offshore wind farm layout optimization and informed decision making	Conditional admission * Younger applicant prevails
F531762	72	---	---	---	Conditional admission *
F408498	71,7	MUR DM 117/Easyrain - Detection of aquaplaning and identification of potential friction in tyre/road contact under low grip	---	MUR DM 117/Easyrain - Detection of aquaplaning and identification of potential friction in tyre/road contact under low grip	Conditional admission *
F393699	71,4	MUR DM 117/Mollebalestra - Smart adaptive leaf springs for advanced digital vehicles	---	MUR DM 117/Mollebalestra - Smart adaptive leaf springs for advanced digital vehicles	---
F403111	71,2	MUR DM 117/Azimut Benetti - High hydrodynamic efficiency boat with hydrogen fueling	---	MUR DM 117/Azimut Benetti - High hydrodynamic efficiency boat with hydrogen fueling	---
F532101	71,1	DM 117/ENI - Fatigue behavior study on floating offshore wind turbines	---	DM 117/ENI - Fatigue behavior study on floating offshore wind turbines	Conditional admission * Younger applicant prevails
F448497	71,1	DIMEAS - Multi-physics meso-scale models for the analysis and design of variable stiffness composites	---	DIMEAS - Multi-physics meso-scale models for the analysis and design of variable stiffness composites	Conditional admission *
F513564	70,8	MUR DM 118 - Design and optimization of AM metal and metal composite materials for space liquid rocket engines cooling systems applications	---	MUR DM 118 - Design and optimization of AM metal and metal composite materials for space liquid rocket engines cooling systems applications	---
F526277	70,2	MUR DM 117/Microtecnica - Fly-by-wire flight control system for commercial rotorcrafts	---	MUR DM 117/Microtecnica - Fly-by-wire flight control system for commercial rotorcrafts	---
F530082	70	MUR DM 117/Stellantis - Optimized structures and body for last mile delivery vehicles	---	MUR DM 117/Stellantis - Optimized structures and body for last mile delivery vehicles	Conditional admission *
F532475	68,6	Position for Ph.D in apprenticeship Advance methodology for designing cryogenic pumps	---	Position for Ph.D in apprenticeship Advance methodology for designing cryogenic pumps	Conditional admission *
F499329	68,2	DIMEAS - Numerical modelling of remote handling systems	---	DIMEAS - Numerical modelling of remote handling systems	---



User	Score	Eligibility to scholarship with predefined research topic/ Positions for Ph.D. in apprenticeship	Waiving right to scholarship	Allocated scholarship/Positions for Ph.D. in apprenticeship	Notes
F454374	67,2	MUR DM 117/Stellantis - High efficiency vehicles for last mile delivery	---	MUR DM 117/Stellantis - High efficiency vehicles for last mile delivery	---

Candidates selected for a position, who have already met all admission requirements (see art. 6, paragraph 1 of the call for applications) as of 30th September 2023, must enroll online through the Apply procedure **from 2nd October 2023 to 8th October 2023** and must make identification at the Ph.D. Unit from **9th October to 20th October 2023**.

Candidates selected for a position, who meet all the admission requirements (see art. 6, paragraph 1 of the call for applications) on 31st October 2023, must enroll online through the Apply procedure **from 2nd November 2023 to 8th November 2023** and must make identification at the Ph.D. Unit from **9th November to 15th November 2023**.

Applicants admitted to a Ph.D. programme with a scholarship pursuant to **Ministerial Decree no. 117** and **Ministerial Decree no. 118** are required to enrol according to the deadlines that will be communicated by the Ph.D. Unit directly to the interested, in order to fulfil the obligations provided by the above-mentioned Decrees.

ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic/ Positions for Ph.D. in apprenticeship	Waiving right to scholarship	Allocated scholarship/Positions for Ph.D. in apprenticeship	Notes
F380217	71,8	---	---	---	---
F399077	71,7	---	---	---	---
F474567	69,2	---	---	---	---
F403247	68,8	---	---	---	---
F493329	68,5	---	---	---	---
F39693	67,1	---	---	---	---
F471619	63,5	---	---	---	---

Applicants who scored at least 60/100 and want to assert their eligibility to get admission within the number of reserved positions available (art. 2 paragraph 2 "Reserved Ph.D positions" in the call for admission) shall contact PhD Office ([exclusively through the ticketing service](#)) by **5th October 2023**, including documents supporting their request of admission within the total number of reserved position.

Description of Notes field:

* Conditional admission: because the Master Degree is not yet acquired. The eventual enrollment to a PhD program could take place only if the Master Degree is achieved within **31st October 2023**. The failure of achievement by the deadline would result in the irrevocable loss of the right to enroll.

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