



Ranking List for the PhD program in **Mechanical Engineering** 40th Cycle – Second session

Total number of ordinary positions available in second session: 22

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 with own research topic
1	DM 630/CETENA S.p.A. - Numerical models and experimental methods for shockwaves propagation and structural response (Waiting list)	Scholarship with predefined research topic
1	CRT/DIMEAS - Physical human-vehicle interaction in transport systems for urban micro-mobility	Scholarship with predefined research topic
1	CRT/DIMEAS/ASI - MUSAPOEM - space robotics for multisatellite proximity operations	Scholarship with predefined research topic
1	DIMEAS - Robotic technologies for the exploration of extraterrestrial environments	Scholarship with predefined research topic
1	DIMEAS -DESIGN development of an energy supply technology for a lunar base using wireless power transmission -Astrodynamics analysis & modeling and GNC	Scholarship with predefined research topic
1	DM 630/ Centro Ricerche Fiat - Design and Testing of High-Speed Electrically Excited Synchronous Motor Drives for Traction Applications	Scholarship with predefined research topic
1	DM 630/C.V.A. - Modelling of a Hydropower Generation Unit for diagnostics purposes	Scholarship with predefined research topic
1	DM 630/Centro Ricerche Fiat - Optimized structures and body for last mile delivery vehicles	Scholarship with predefined research topic
1	DM 630/Dana Graziano Srl - Innovative Digital Twin Methodologies for Powertrain and Driveline Components and Systems	Scholarship with predefined research topic
1	DM630/Brembo- Innovative full field non-destructive methods for monitoring carbon-ceramic brake disc manufacturing improving safety and reducing waste	Scholarship with predefined research topic

Nucleo Dottorato di Ricerca

Politecnico di Torino - Corso Duca degli Abruzzi 24, 10129 - Torino, Italia

Tel. +39 011 090 6095

www.polito.it



1	DM630/CRF -Optimization of the interaction between battery & power electronic systems in BEVs/FCEVs through electrical, thermal & vibrational analysis	Scholarship with predefined research topic
1	INRiM - Advanced Metrology for Mechanical Engineering	Scholarship with predefined research topic
1	Lazzerio Tecnologie - DESIGN - development of an energy supply technology for a lunar base using wireless power transmission	Scholarship with predefined research topic
1	Wabtec - Experimental Analysis and Numerical Prediction of Fatigue Crack Propagation in High-Speed Train Brake Discs	Scholarship with predefined research topic

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

1	Design of an autonomous agritech rover	Position with predefined research topic
1	Smart adaptive leaf springs for digital vehicles	Position with predefined research topic

Number of positions without scholarship available for the second session: 2

SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F511037	88.4	---	---	University scholarship	Conditional admission *
F584523	88.3	---	---	University scholarship	Conditional admission *
F494764	83	---	---	University scholarship	Conditional admission *
F554167	79.8	---	---	University scholarship	---
F566406	78.5	---	---	---	---



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F564955	78.3	CRT/DIMEAS/ASI - MUSAPOEM - space robotics for multisatellite proximity operations	---	CRT/DIMEAS/ASI - MUSAPOEM - space robotics for multisatellite proximity operations	---
F545374	78	Positions for Ph.D in apprenticeship Design of an autonomous agritech rover	---	Positions for Ph.D in apprenticeship Design of an autonomous agritech rove	Conditional admission **
F553909	77	---	---	---	Conditional admission **
F473491	76.3	CRT/DIMEAS - Physical human-vehicle interaction in transport systems for urban micro-mobility	---	CRT/DIMEAS - Physical human-vehicle interaction in transport systems for urban micro-mobility	---
F442940	75	DIMEAS -DESIGN development of an energy supply technology for a lunar base using wireless power transmission - Astrodynamic analysis & modeling and GNC	---	DIMEAS -DESIGN development of an energy supply technology for a lunar base using wireless power transmission - Astrodynamic analysis & modeling and GNC	---
F582612	74	DM 630/Centro Ricerche Fiat - Optimized structures and body for last mile delivery vehicles	---	DM 630/Centro Ricerche Fiat - Optimized structures and body for last mile delivery vehicles	Conditional admission **
F548643	72	DIMEAS - Robotic technologies for the exploration of extraterrestrial environments	---	DIMEAS - Robotic technologies for the exploration of extraterrestrial environments	Less represented gender prevails
F559521	72	DM 630/C.V.A. - Modelling of a Hydropower Generation Unit for diagnostics purposes	---	DM 630/C.V.A. - Modelling of a Hydropower Generation Unit for diagnostics purposes	Younger applicant prevails

Nucleo Dottorato di Ricerca

Politecnico di Torino - Corso Duca degli Abruzzi 24, 10129 - Torino, Italia
Tel. +39 011 090 6095

www.polito.it



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F421056	72	Lazzerio Tecnologie - DESIGN - development of an energy supply technology for a lunar base using wireless power transmission	---	Lazzerio Tecnologie - DESIGN - development of an energy supply technology for a lunar base using wireless power transmission	---
F581426	66.5	DM630/Brembo- Innovative full field non-destructive methods for monitoring carbon-ceramic brake disc manufacturing improving safety and reducing waste	---	DM630/Brembo- Innovative full field non-destructive methods for monitoring carbon-ceramic brake disc manufacturing improving safety and reducing waste	---
F584678	66	DM630/CRF -Optimization of the interaction between battery & power electronic systems in BEVs/FCEVs through electrical, thermal & vibrational analysis	---	DM630/CRF -Optimization of the interaction between battery & power electronic systems in BEVs/FCEVs through electrical, thermal & vibrational analysis	Conditional admission *
F495055	65	DM 630/ Centro Ricerche Fiat - Design and Testing of High-Speed Electrically Excited Synchronous Motor Drives for Traction Applications	---	DM 630/ Centro Ricerche Fiat - Design and Testing of High-Speed Electrically Excited Synchronous Motor Drives for Traction Applications	Conditional admission *
F585111	62	DM 630/Dana Graziano Srl - Innovative Digital Twin Methodologies for Powertrain and Driveline Components and Systems	---	DM 630/Dana Graziano Srl - Innovative Digital Twin Methodologies for Powertrain and Driveline Components and Systems	Conditional admission *

Winners with scholarships under **DM 630** must proceed with online acceptance of the scholarship through the Apply procedure **no later than 25th September 2024**.

All candidates selected for a position must enroll online through the Apply procedure **from 8th October 2024 to 8th November 2024** and must make identification at the Ph.D. Unit from **18th October 2024 to 14th November 2024**.



ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F570079	69.3	---	---	---	Conditional admission *
F564966	60.5	DM 630/Centro Ricerche Fiat - Optimized structures and body for last mile delivery vehicles	---	---	Conditional admission *

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 November 2024**, 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 2024**. The failure of achievement by the deadline would result in the irrevocable loss of the right to enroll.

** Conditional admission: because the English certificates required to enrol in a PhD programme is not yet acquired.

In case of admission in a PhD programme, the candidate may only enrol if he/she obtains (**by and no later than 31st October 2024**) one among the certificates required, pursuant to art. 6, paragraph 1, letter b) of the call for admission. The failure to submit the certificate shall entail the loss of the right to enrolment.

Torino, 20/09/2024