



**Politecnico
di Torino**

Nucleo
Dottorato di Ricerca

Ranking List for the PhD program in **Energetics** 41th Cycle – First session

Total number of ordinary positions available in first session: 24

Total number of positions reserved to boursaries of Governments or by national or foreign public bodies, available in first session: 5

Summary tab of scholarships available in first session:

6	Progetto "Dipartimento di Eccellenza"	Scholarships with own research topic
1	Ammin/CRT/DENERG - Advanced Material Performance for Plasma Facing Components in Tokamaks	Scholarship with predefined research topic
1	Ammin/CRT/DENERG - Mitigating the risks of the energy transition: a multi-methodological energy planning approach	Scholarship with predefined research topic
1	Ammin/DENERG - Advanced numerical modelling of turbine components and robust design of enabling technologies for green energy and aviation	Scholarship with predefined research topic
1	Ammin/DENERG - Experimental analysis of processes of chemical looping to produce solar-chemicals	Scholarship with predefined research topic
1	Ammin/DENERG/Vulkan - Advanced Hybrid Electric Propulsion and Energy Management for Waterborne Transport Systems	Scholarship with predefined research topic
1	Ammin/Dumarey - The Future Fuel Trilemma: Hydrogen, Methanol, or Ammonia for Decarbonizing Heavy-Duty Engines	Scholarship with predefined research topic
1	Ammin/Newcleo - Advanced techniques for cross section preparation in lead-cooled fast reactors	Scholarship with predefined research topic
1	Ammin/Siemens - Human-in-the loop platform for assessment of hybrid vehicles fed with biofuels, integrating model-based control strategies	Scholarship with predefined research topic
1	Ammin/Teoresi - Advanced Estimation Techniques for SOC and SOH in Battery Management Systems and Integration with Thermal Control Strategies	Scholarship with predefined research topic

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1	DIATI - Planning and simulation of railway and metro operations using accurate localisation of rolling stock by optimizing train paths and energy	Scholarship with predefined research topic
1	FPT Industrial - Advanced Diesel Combustion Optimization for High-Efficiency Heavy-Duty Engines: A Combined Experimental and Simulation Approach	Scholarship with predefined research topic
1	FPT Industrial - Fueling the Future: Hydrogen, Natural Gas, and Ethanol for Clean Heavy-Duty Combustion	Scholarship with predefined research topic
1	YANMAR- Real-time predictive combustion models for low and zero-carbon fuelled engines in view of their integration in the engine control architecture	Scholarship with predefined research topic

Number of positions without scholarship available for the first session: 5

SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F540046	85.9	---	---	Progetto "Dipartimento di Eccellenza"	Conditional admission *
F626488	83.2	Ammin/DENERG/Vulkan - Advanced Hybrid Electric Propulsion and Energy Management for Waterborne Transport Systems	---	Progetto "Dipartimento di Eccellenza"	---
F567496	78.4	Ammin/CRT/DENERG - Advanced Material Performance for Plasma Facing Components in Tokamaks	---	Ammin/CRT/DENERG - Advanced Material Performance for Plasma Facing Components in Tokamaks	---
F494699	77	Ammin/DENERG - Experimental analysis of processes of chemical looping to produce solar-chemicals	---	Ammin/DENERG - Experimental analysis of processes of chemical looping to produce solar-chemicals	---

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F571524	76.7	---	---	Progetto "Dipartimento di Eccellenza"	Conditional admission *
F501410	76.6	---	---	Progetto "Dipartimento di Eccellenza"	Conditional admission *
F612659	76	Ammin/DENERG/Vulkan - Advanced Hybrid Electric Propulsion and Energy Management for Waterborne Transport Systems	---	Ammin/DENERG/Vulkan - Advanced Hybrid Electric Propulsion and Energy Management for Waterborne Transport Systems	---
F627428	75.5	---	---	Progetto "Dipartimento di Eccellenza"	---
F507536	74.4	---	---	Progetto "Dipartimento di Eccellenza"	Conditional admission *
F627609	74	FPT Industrial - Advanced Diesel Combustion Optimization for High-Efficiency Heavy-Duty Engines: A Combined Experimental and Simulation Approach	---	FPT Industrial - Advanced Diesel Combustion Optimization for High-Efficiency Heavy-Duty Engines: A Combined Experimental and Simulation Approach	---
F491691	73.4	---	---	---	---
F627998	73	Ammin/DENERG - Advanced numerical modelling of turbine components and robust design of enabling technologies for green energy and aviation	---	Ammin/DENERG - Advanced numerical modelling of turbine components and robust design of enabling technologies for green energy and aviation	Conditional admission *
F463099	72.4	---	YES	---	Position reserved for research fellows

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F592726	72.1	Ammin/CRT/ DENERG - Mitigating the risks of the energy transition: a multi-methodological energy planning approach	---	Ammin/CRT/ DENERG - Mitigating the risks of the energy transition: a multi-methodological energy planning approach	---
F628501	71.5	Ammin/Teoresi - Advanced Estimation Techniques for SOC and SOH in Battery Management Systems and Integration with Thermal Control Strategies	---	Ammin/Teoresi - Advanced Estimation Techniques for SOC and SOH in Battery Management Systems and Integration with Thermal Control Strategies	---
F628416	71.1	Ammin/CRT /DENERG - Mitigating the risks of the energy transition: a multi-methodological energy planning approach	---	---	---
F618963	70.4	---	---	---	Conditional admission *
F627121	69.8	---	---	---	Conditional admission *
F482501	69.6	---	---	---	Conditional admission **
F622859	69.1	Ammin/Siemens - Human-in-the loop platform for assessment of hybrid vehicles fed with biofuels, integrating model-based control strategies	---	Ammin/Siemens - Human-in-the loop platform for assessment of hybrid vehicles fed with biofuels, integrating model-based control strategies	---
F627699	65.7	FPT Industrial - Fueling the Future: Hydrogen, Natural Gas, and Ethanol for Clean Heavy-Duty Combustion	---	FPT Industrial - Fueling the Future: Hydrogen, Natural Gas, and Ethanol for Clean Heavy-Duty Combustion	Conditional admission *

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F500538	64	DIATI - Planning and simulation of railway and metro operations using accurate localisation of rolling stock by optimizing train paths and energy	---	DIATI - Planning and simulation of railway and metro operations using accurate localisation of rolling stock by optimizing train paths and energy	---
F627043	62.4	YANMAR- Real-time predictive combustion models for low and zero-carbon fuelled engines in view of their integration in the engine control architecture	---	YANMAR- Real-time predictive combustion models for low and zero-carbon fuelled engines in view of their integration in the engine control architecture	Conditional admission *

From 22nd July 2025 to 30th September 2025 the candidates admitted in PhD programmes with scholarship/positions for Ph.D in apprenticeship shall proceed with securing their position online. The failure to do so shall entail the loss of the right to enrol.

From 22nd July 2025 to 3rd October 2025 the candidates admitted in PhD programmes without scholarship shall proceed with securing their position online. The failure to do so shall entail the loss of the right to enrol.

N.B. Non-EU candidates who require an invitation letter for their study visa application are strongly advised to accept the offered position by 1st August 2025, and to contact the PhD Office ([exclusively through the ticketing service](#)) to request the letter.

ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F629068	69.5	Ammin/CRT/ DENERG - Mitigating the risks of the energy transition: a multi-methodological energy planning approach	---	---	Conditional admission *

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F539624	66.3	---	---	---	---
F628685	65	---	---	---	Conditional admission **
F621134	63.3	Ammin/CRT/ DENERG - Advanced Material Performance for Plasma Facing Components in Tokamaks	---	---	Conditional admission **
F625257	63	---	---	---	Conditional admission **
F627721	61.1	---	---	---	Conditional admission *
F627950	60.8	Ammin/DENERG - Advanced numerical modelling of turbine components and robust design of enabling technologies for green energy and aviation	---	---	Conditional admission *
F626843	60.2	---	---	---	---

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 **3rd October 2025**, including documents supporting their request of admission within the total number of reserved position.



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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 **31th October 2025**. 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 31th October 2025)** 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, 22/07/2025

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