



**Politecnico  
di Torino**

Area  
Gestione Didattica

## Ranking List for the PhD program in **Energetics** XXXVIII Cycle Third session

**Total number of ordinary positions available in third session: 18**

### Summary Tab of scholarships available in third session:

1	University scholarship/DENERG - Buildings' Energy Modeling and Platforms for a Sustainable Development of Cities and Communities	Scholarship with predefined research topic
1	University scholarship /DENERG - Robust Design of High Temperature Components for Innovative Gas Turbine Cycles	Scholarship with predefined research topic
1	Comitato ICT - Building digitalization 4.0: future challenges	Scholarship with predefined research topic
1	Consorzio DTT/DENERG - Characterization and mitigation of Runaway Electrons in the next generation of fusion reactors	Scholarship with predefined research topic
1	Consorzio DTT/DENERG - Macro-scale modeling of DTT cryogenic plant	Scholarship with predefined research topic
1	DENERG/CRT - Multifunctional transparent façades for efficient, comfortable and healthy future proof buildings	Scholarship with predefined research topic
1	DENERG/CRT - Sustainable alternative fuels for decarbonisation of hard-to-abate sectors	Scholarship with predefined research topic
1	Ferrari - Hydrogen fuelled high performance powertrains	Scholarship with predefined research topic
1	MUR DM 352/ENI - ARC Safety and Siting Studies	Scholarship with predefined research topic
1	MUR DM 352/ENI - CFD/MHD modelling of Molten Salt Blankets	Scholarship with predefined research topic
1	MUR DM 352/ENI - Lattice Boltzmann Method CFD techniques applied to multiphase flow	Scholarship with predefined research topic
1	MUR DM 352/ENI - Modeling of Climate-Land-Energy-Water nexus	Scholarship with predefined research topic
1	MUR DM 352/FPT Industrial - Sustainability assessment of advanced propulsion systems and fuel pathways for Commercial Vehicles	Scholarship with predefined research topic
1	MUR DM 352/IREN - Advanced modeling for district heating based on renewable energy sources	Scholarship with predefined research topic
1	MUR DM 352/IREN Energia - Geothermal Energy Low Enthalpy in urban contest	Scholarship with predefined research topic
1	MUR DM 352/Punch - BPP CFD modelling, test correlation and optimization for DFAM with Opensource CAE tools (OpenFOAM)	Scholarship with predefined research topic
1	MUR DM 352/Teoresi - Advanced Battery Management System Solutions for a Smart and Connected Electrified Mobility	Scholarship with predefined research topic
1	MUR DM 352/Yanmar - H2 ICE – H2 as an ICE fuel for marine & industrial	Scholarship with predefined research topic



**Politecnico  
di Torino**

Area  
Gestione Didattica

## SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F447448	84.8	MUR DM 352/ENI - Modeling of Climate-Land-Energy-Water nexus	--	MUR DM 352/ENI - Modeling of Climate-Land-Energy-Water nexus	
F468876	84	MUR DM 352/ENI - ARC Safety and Siting Studies	--	MUR DM 352/ENI - ARC Safety and Siting Studies	
F476174	83	MUR DM 352/ENI - Lattice Boltzmann Method CFD techniques applied to multiphase flow	--	MUR DM 352/ENI - Lattice Boltzmann Method CFD techniques applied to multiphase flow	Younger applicant prevails
F339496	83	Consorzio DTT/DENERG - Characterization and mitigation of Runaway Electrons in the next generation of fusion reactors	--	Consorzio DTT/DENERG - Characterization and mitigation of Runaway Electrons in the next generation of fusion reactors	
F454783	82.3	Consorzio DTT/DENERG - Macro-scale modeling of DTT cryogenic plant	--	Consorzio DTT/DENERG - Macro-scale modeling of DTT cryogenic plant	
F369623	81.9	University scholarship /DENERG - Buildings' Energy Modeling and Platforms for a Sustainable Development of Cities and Communities	--	University scholarship /DENERG - Buildings' Energy Modeling and Platforms for a Sustainable Development of Cities and Communities	
F406034	81	MUR DM 352/FPT Industrial - Sustainability assessment of advanced propulsion systems and fuel pathways for Commercial Vehicles	--	MUR DM 352/FPT Industrial - Sustainability assessment of advanced propulsion systems and fuel pathways for Commercial Vehicles	
F403048	79.5	Ferrari - Hydrogen fuelled high performance powertrains	--	Ferrari - Hydrogen fuelled high performance powertrains	Conditional admission *
F491316	79	University scholarship/DENERG - Robust Design of High Temperature Components for Innovative Gas Turbine Cycles	--	University scholarship /DENERG - Robust Design of High Temperature Components for Innovative Gas Turbine Cycles	Younger applicant prevails
F490199	79	MUR DM 352/Yanmar - H2 ICE – H2 as an ICE fuel for marine & industrial	--	MUR DM 352/Yanmar - H2 ICE – H2 as an ICE fuel for marine & industrial	Conditional admission * Younger applicant prevails
F491476	79	MUR DM 352/Teoresi - Advanced Battery Management System Solutions for a Smart and Connected Electrified Mobility	--	MUR DM 352/Teoresi - Advanced Battery Management System Solutions for a Smart and Connected Electrified Mobility	Conditional admission **
F404847	78.4	MUR DM 352/ENI - CFD/MHD modelling of Molten Salt Blankets	--	MUR DM 352/ENI - CFD/MHD modelling of Molten Salt Blankets	Conditional admission *
F490979	78.1	DENERG/CRT - Multifunctional transparent façades for efficient, comfortable and healthy future proof buildings	--	DENERG/CRT - Multifunctional transparent façades for efficient, comfortable and healthy future proof buildings	Conditional admission *



**Politecnico  
di Torino**

Area  
Gestione Didattica

F425188	78	MUR DM 352/IREN - Advanced modeling for district heating based on renewable energy sources	--	MUR DM 352/IREN - Advanced modeling for district heating based on renewable energy sources	Younger applicant prevails
F491077	78	MUR DM 352/IREN Energia - Geothermal Energy Low Enthalpy in urban contest	--	MUR DM 352/IREN Energia - Geothermal Energy Low Enthalpy in urban contest	Conditional admission * **
F488654	77	MUR DM 352/ENI - Lattice Boltzmann Method CFD techniques applied to multiphase flow  DENERG/CRT - Sustainable alternative fuels for decarbonisation of hard-to-abate sectors	--	DENERG/CRT - Sustainable alternative fuels for decarbonisation of hard-to-abate sectors	Conditional admission **
431785	73	DENERG/CRT - Sustainable alternative fuels for decarbonisation of hard-to-abate sectors  MUR DM 352/FPT Industrial - Sustainability assessment of advanced propulsion systems and fuel pathways for Commercial Vehicles  Ferrari - Hydrogen fuelled high performance powertrains  MUR DM 352/Punch - BPP CFD modelling, test correlation and optimization for DFAM with Opensource CAE tools (OpenFOAM)	--	MUR DM 352/Punch - BPP CFD modelling, test correlation and optimization for DFAM with Opensource CAE tools (OpenFOAM)	

**From 4<sup>th</sup> October 2022 to 31<sup>st</sup> October 2022**, the admitted applicants in PhD programmes must enrol online through the Apply platform and by **8<sup>th</sup> November 2022** they must present themselves to the Doctoral School for the second phase of the enrolment.

**For candidates who have won scholarships under the Ministerial Decree 351 or Ministerial Decree 352**, the online registration **deadline is 9<sup>th</sup> October 2022**, while the second phase of registration must take place by **8<sup>th</sup> November 2022**.

#### ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F331825	78	MUR DM 352/ENI - ARC Safety and Siting Studies	--	--	
F375789	70	DENERG/CRT - Sustainable alternative fuels for decarbonisation of hard-to-abate sectors  Ferrari - Hydrogen fuelled high performance powertrains	--	--	



**Politecnico  
di Torino**

Area  
Gestione Didattica

### Description of Notes field:

\* Conditional admission: if the Master Degree is not achieved yet. The eventual enrollment to a PhD program could take place only if the Master Degree is achieved **within 31<sup>th</sup> October 2022**, pursuant to art. 5 paragraph 2 of the call for admission. The failure of achievement by the deadline would result in the irrevocable loss of the right to enrolment.

\*\* Conditional admission: it was not attached to the application form any of the English certificates required to enrol in a PhD programme.

In case of admission in a PhD programme, the candidate will be allowed to enrol only if submitting **by and no later than 31<sup>th</sup> October 2022** one among the certificates required, pursuant to art. 5 paragraph 3 of the call for admission. The failure to submit the certificate shall entail the loss of the right to enrolment.

Torino, 30/09/2022