



**Politecnico  
di Torino**

Nucleo  
Dottorato di Ricerca

## Ranking List for the PhD program in **Energetics** 40<sup>th</sup> Cycle – Third session

**Total number of ordinary positions available in third session: 15**

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

**Summary tab of scholarships available in third session:**

1	ABB S.p.A. - Data-driven strategies for coordinated energy management in cluster of buildings: towards real-life implementation	Scholarship with predefined research topic
1	University scholarship - Analysis and optimization of national strategies for the development and management of the hydrogen supply chain	Scholarship with predefined research topic
1	CRT/DENERG - Test and modelling of HTS magnets for fusion applications	Scholarship with predefined research topic
1	DENERG - Advanced methods for the safety analysis and optimization of the operational performance of next generation Molten Salt Reactors under	Scholarship with predefined research topic
1	DENERG - Integrated Sustainability Assessment for direct solar fuel technologies	Scholarship with predefined research topic
1	DENERG- High-temperature electrochemical cells for energy storage and production: manufacturing methods and degradation phenomena in PCC and SOC cells	Scholarship with predefined research topic
1	DENERG/CRT - Environmental Life Cycle Assessment for aviation sector decarbonisation	Scholarship with predefined research topic
1	ENI - Characterization of irradiated molten salts for fusion applications	Scholarship with predefined research topic
1	ENI Young Talent Award - Development and optimization of data-driven building integrated photovoltaic thermal radiative cooling (BIPVT-RC) systems	Scholarship with predefined research topic
1	ENI Young Talent Award - Photovoltaic cell cooling kit	Scholarship with predefined research topic

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1	Green Independence - Design, prototyping and testing of an innovative Electrochemical Module (ECM) for AEM electrolysis technology (DESAEM)	Scholarship with predefined research topic
1	PNRR FAIR/Eurac Research/DENERG - AI-assisted digital twin framework for enhancing energy management in grid-interactive buildings	Scholarship with predefined research topic
1	SHELL/DENERG - Study of the conversion of H <sub>2</sub> O/CO <sub>2</sub> to chemicals of interest to the chemical industry by means of SOC by means of a hybrid solar-assiste	Scholarship with predefined research topic

**Number of positions without scholarship available for the third session: 2**

### SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F604399	85.2	ABB S.p.A. - Data-driven strategies for coordinated energy management in cluster of buildings: towards real-life implementation	---	ABB S.p.A. - Data-driven strategies for coordinated energy management in cluster of buildings: towards real-life implementation	---
F604346	83.9	PNRR FAIR/Eurac Research/DENERG - AI-assisted digital twin framework for enhancing energy management in grid-interactive buildings	---	PNRR FAIR/Eurac Research/DENERG - AI-assisted digital twin framework for enhancing energy management in grid-interactive buildings	---
F604424	81.5	University scholarship - Analysis and optimization of national strategies for the development and management of the hydrogen supply chain	---	University scholarship - Analysis and optimization of national strategies for the development and management of the hydrogen supply chain	---
F462844	81.4	DENERG/CRT - Environmental Life Cycle Assessment for aviation sector decarbonisation	---	DENERG/CRT - Environmental Life Cycle Assessment for aviation sector decarbonisation	---

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
		DENERG - Integrated Sustainability Assessment for direct solar fuel technologies			
F566962	80.2	ENI Young Talent Award - Photovoltaic cell cooling kit	---	ENI Young Talent Award - Photovoltaic cell cooling kit	---
F604966	79.6	ENI - Characterization of irradiated molten salts for fusion applications	---	ENI - Characterization of irradiated molten salts for fusion applications	---
F604430	79.4	SHELL/DENERG - Study of the conversion of H <sub>2</sub> O/CO <sub>2</sub> to chemicals of interest to the chemical industry by means of SOC by means of a hybrid solar-assiste	---	SHELL/DENERG - Study of the conversion of H <sub>2</sub> O/CO <sub>2</sub> to chemicals of interest to the chemical industry by means of SOC by means of a hybrid solar-assiste	---
F579733	78.5	---	YES	---	Position reserved for research fellows
F583027	78	---	---	---	---
F487865	77.8	---	---	---	---
F577576	77	CRT/DENERG - Test and modelling of HTS magnets for fusion applications	---	CRT/DENERG - Test and modelling of HTS magnets for fusion applications	---
F539783	76	DENERG - Advanced methods for the safety analysis and optimization of the operational performance of next generation Molten Salt Reactors under	---	DENERG - Advanced methods for the safety analysis and optimization of the operational performance of next generation Molten Salt Reactors under	Younger applicant prevails

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User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F600357	76	Green Independence - Design, prototyping and testing of an innovative Electrochemical Module (ECM) for AEM electrolysis technology (DESAEM)	---	Green Independence - Design, prototyping and testing of an innovative Electrochemical Module (ECM) for AEM electrolysis technology (DESAEM)	---

Candidates selected for a position must enroll online through the Apply procedure **from 13<sup>th</sup> February 2025 to 18<sup>th</sup> February 2025** and must complete the second phase of enrolment **from 19<sup>th</sup> February 2025 to 28<sup>th</sup> February 2025**.

#### ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F603178	75	DENERG - Advanced methods for the safety analysis and optimization of the operational performance of next generation Molten Salt Reactors under	---	---	---

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 **14<sup>th</sup> February 2025**, including documents supporting their request of admission within the total number of reserved position.

Torino, 12/02/2025

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