Politecnico di Torino

Nucleo Dottorato di Ricerca

Ranking List for the PhD program in

Electrical, Electronics and Communications Engineering

39th Cycle

Second session bis

Total number of ordinary positions available in second session bis: 16

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

Summary tab of scholarships available in second session bis:

1	INRiM - Artificial Intelligence combined with in silico modelling to support disease diagnosis	Scholarship with predefined research topic
1	MUR DM 117/Argotec - Development of solutions that increase the autonomy and resilience of a spacecraft by means of on-board artificial intelligence	Scholarship with predefined research topic
1	MUR DM 117/Comau - Innovative formation system for lithium-ion cells	Scholarship with predefined research topic
1	MUR DM 117/Ideas&Motion - Logic-In-Memory DataFlow Architectures for high performance low power applications	Scholarship with predefined research topic
1	MUR DM 117/Infineon - Innovative High Power Converters with Advanced Parallel Operation of Power Electronic Devices	Scholarship with predefined research topic
1	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (1 of 2)	Scholarship with predefined research topic
1	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (2 of 2)	Scholarship with predefined research topic
1	MUR DM 117/Lagor-Advanced methods, instruments, & processes for the analysis of the properties of magnetic materials for electrotechnical applications	Scholarship with predefined research topic
1	MUR DM 117/NEVC - Reliable WBG power electronics with diagnosis and prognostics for future eMobility	Scholarship with predefined research topic
1	MUR DM 117/STMicroelectronics - Advanced Power Management Integrated Circuits for Next-Generation Sustainable Vehicles	Scholarship with predefined research topic
1	MUR DM 117/STMicroelectronics - Design and implementation of a low-quiescent current (IQ) voltage regulator in CMOS integrated technology	Scholarship with predefined research topic
1	MUR DM 117/Sipal - Service robotics and enabling technologies such as artificial intelligence and machine learning in advanced logistics	Scholarship with predefined research topic
1	MUR DM 118 - Modelling spontaneous generation of frequency combs states in quantum cascade lasers.	Scholarship with predefined research topic
1	PNRR - High Order Strategies in Computational Electromagnetics For Smart Surfaces Applications	Scholarship with predefined research topic
1	PNRR - High efficiency amplification for 5G millimeter wave propagation environments	Scholarship with predefined research topic
1	PNRR Ammin/Bylogix - Sistemi di Controllo per Veicoli Elettrici e Fuel Cell	Scholarship with predefined research topic

Number of positions without scholarship available for the second session bis: 0

Nucleo Dottorato di Ricerca
Politecnico di Torino - Corso Duca degli Abruzzi 24, 10129 - Torino, Italia
Tel. +39 011 090 6095
scudo@polito.it - www.polito.it

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PIANO NAZIONALE DI RIPRESA E RESILIENZA

Politecnico di Torino

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SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F531982	86	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (1 of 2) MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (2 of 2)	--	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (2 of 2)	--
F278933	84.4	MUR DM 117/Argotec - Development of solutions that increase the autonomy and resilience of a spacecraft by means of on-board artificial intelligence	--	MUR DM 117/Argotec - Development of solutions that increase the autonomy and resilience of a spacecraft by means of on-board artificial intelligence	--
F543855	83.4	MUR DM 117/STMicroelectronics - Advanced Power Management Integrated Circuits for Next-Generation Sustainable Vehicles MUR DM 117/Infineon - Innovative High Power Converters with Advanced Parallel Operation of Power Electronic Devices MUR DM 117/NEVC - Reliable WBG power electronics with diagnosis and prognostics for future eMobility	--	MUR DM 117/NEVC - Reliable WBG power electronics with diagnosis and prognostics for future eMobility	--
F511404	82.9	PNRR - High Order Strategies in Computational Electromagnetics For Smart Surfaces Applications PNRR Ammin/Bylogix - Sistemi di Controllo per Veicoli Elettrici e Fuel Cell	--	PNRR Ammin/Bylogix - Sistemi di Controllo per Veicoli Elettrici e Fuel Cell	--
F540733	82.3	MUR DM 117/Ideas&Motion - Logic-In-Memory DataFlow Architectures for high performance low power applications	--	MUR DM 117/Ideas&Motion - Logic-In-Memory DataFlow Architectures for high performance low power applications	Conditional admission *
F503837	82.1	MUR DM 117/Infineon - Innovative High Power Converters with Advanced Parallel Operation of Power Electronic Devices	--	MUR DM 117/Infineon - Innovative High Power Converters with Advanced Parallel Operation of Power Electronic Devices	--

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F544488	80	MUR DM 117/STMicroelectronics - Advanced Power Management Integrated Circuits for Next-Generation Sustainable Vehicles	--	MUR DM 117/STMicroelectronics - Advanced Power Management Integrated Circuits for Next-Generation Sustainable Vehicles	Younger applicant prevails Conditional admission **
F543165	80	MUR DM 117/Infineon - Innovative High Power Converters with Advanced Parallel Operation of Power Electronic Devices MUR DM 117/Comau - Innovative formation system for lithium-ion cells	--	MUR DM 117/Comau - Innovative formation system for lithium-ion cells	Younger applicant prevails Conditional admission **
F531604	80	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (1 of 2) MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (2 of 2)	--	MUR DM 117/Infinera - Synergistic use of AI&ML and physics models for optical network tomography from telemetry (1 of 2)	--
F425803	79	MUR DM 117/STMicroelectronics - Advanced Power Management Integrated Circuits for Next-Generation Sustainable Vehicles MUR DM 117/Lagor-Advanced methods, instruments, & processes for the analysis of the properties of magnetic materials for electrotechnical applications MUR DM 117/Ideas&Motion - Logic-In-Memory DataFlow Architectures for high performance low power applications	--	MUR DM 117/Lagor-Advanced methods, instruments, & processes for the analysis of the properties of magnetic materials for electrotechnical applications	Conditional admission **
F544273	78.1	MUR DM 117/Sipal - Service robotics and enabling technologies such as artificial intelligence and machine learning in advanced logistics INRiM - Artificial Intelligence combined with in silico modelling to support disease diagnosis	--	MUR DM 117/Sipal - Service robotics and enabling technologies such as artificial intelligence and machine learning in advanced logistics	--

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 5th 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**.

ELIGIBLE CANDIDATES

No candidate

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.

** 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 will be allowed to enrol only if submitting **by and no later than 31st October 2023)** 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, 04/10/2023