



## Ranking List for the National PhD program in **Artificial Intelligence** XXXVII Cycle

Total number of ordinary positions available: 41

### Summary Tab of scholarships available:

1	AI Improving the efficiency of collaborative robotized assemblies through learning (25)	Scholarship with predefined research topic
1	AI as support for design (3)	Scholarship with predefined research topic
1	AI in the Continuum Computing Era (24)	Scholarship with predefined research topic
1	AI methods based on Digital Factory Twin (10)	Scholarship with predefined research topic
1	Active anomaly detection and forecasting approaches (39)	Scholarship with predefined research topic
1	Apprendimento di strutture e statistiche latenti (18)	Scholarship with predefined research topic
1	Artificial resilience (5)	Scholarship with predefined research topic
1	Automated Painting (6)	Scholarship with predefined research topic
1	Collective intelligence for autonomous motion (36)	Scholarship with predefined research topic
1	Combining symbolic and sub-symbolic methods (40)	Scholarship with predefined research topic
1	Context-aware Methods in Machine Learning and Computer Vision (37)	Scholarship with predefined research topic
1	Data Augmentation Approaches for Machine Learning Applications in NeuroImaging (38)	Scholarship with predefined research topic
1	Deep learning efficiente su ICE (41)	Scholarship with predefined research topic
1	Fair and trustworthy machine learning (8)	Scholarship with predefined research topic
1	Federated Semantic Segmentation architectures (9)	Scholarship with predefined research topic
1	Foundations of Artificial Intelligence and Machine Learning (30)	Scholarship with predefined research topic
1	Generative modelling (7)	Scholarship with predefined research topic
1	Grounded language (14)	Scholarship with predefined research topic
1	Human-Centered AI for Smart Environments (4)	Scholarship with predefined research topic
1	Integrazione di conoscenza di dominio all'interno di modelli data (20)	Scholarship with predefined research topic
1	Integrazione di machine learning simbolico (21)	Scholarship with predefined research topic
1	Integrazione e sviluppo di metodi di Teoria dei Controlli e Intelligenza Artificiale (16)	Scholarship with predefined research topic
1	Intelligent Analysis of Interaction Data (29)	Scholarship with predefined research topic
1	Intelligent Industrial Robots (34)	Scholarship with predefined research topic
1	Intelligenza Artificiale simbolica per l'industria 4.0 (32)	Scholarship with predefined research topic
1	Intelligenza Artificiale subsimbolica per l'Industria 4.0 (31)	Scholarship with predefined research topic
1	Machine Learning Algorithms for IOT (35)	Scholarship with predefined research topic
1	Machine Learning and Computer Vision Models (27)	Scholarship with predefined research topic
1	Metodi di apprendimento e controllo per robot (19)	Scholarship with predefined research topic
1	Metodi eXplainable e Reliable AI (13)	Scholarship with predefined research topic
1	Monitoraggio strutturale di costruzioni e infrastrutture civili (33)	Scholarship with predefined research topic
1	Multimodal learning for vision systems (1)	Scholarship with predefined research topic
1	Physics-driven machine learning (2)	Scholarship with predefined research topic
1	Pianificazione e schedulazione basate su metodologie di intelligenza artificiale (22)	Scholarship with predefined research topic



1	Progettazione hardware-software di acceleratori (17)	Scholarship with predefined research topic
1	Reinforcement Learning for Industry 4.0 (26)	Scholarship with predefined research topic
1	Risk-Aware Task and Motion Planning (11)	Scholarship with predefined research topic
1	Safe Learning Agents (12)	Scholarship with predefined research topic
1	Sistemi Multi-Agente per l'automazione (23)	Scholarship with predefined research topic
1	Smart Manufacturing and Intelligent Embedded Systems (28)	Scholarship with predefined research topic
1	intelligenza artificiale e design predittivo (15)	Scholarship with predefined research topic

## SHORTLISTED CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F438657	94	AI in the Continuum Computing Era (24)	---	AI in the Continuum Computing Era (24)	
F437312	92	Reinforcement Learning for Industry 4.0 (26)	---	Reinforcement Learning for Industry 4.0 (26)	Conditional admission *
<del>F437501</del>	92	<del>Metodi eXplainable e Reliable AI (13)</del>	---	---	Renounces the competition
F438969	90	Intelligenza Artificiale simbolica per l'industria 4.0 (32)	---	Intelligenza Artificiale simbolica per l'industria 4.0 (32)	
F438598	90	Grounded language (14)	---	Grounded language (14)	
F438841	88	Intelligent Analysis of Interaction Data (29)	---	Intelligent Analysis of Interaction Data (29)	Conditional admission *
F435971	88	Intelligenza Artificiale subsimbolica per l'Industria 4.0 (31)	---	Intelligenza Artificiale subsimbolica per l'Industria 4.0 (31)	Conditional admission *
F438461	87	Pianificazione e schedulazione basate su metodologie di intelligenza artificiale (22)	---	Pianificazione e schedulazione basate su metodologie di intelligenza artificiale (22)	Conditional admission *
F435476	86	Foundations of Artificial Intelligence and Machine Learning (30)	---	Foundations of Artificial Intelligence and Machine Learning (30)	Conditional admission *
F438838	86	Metodi eXplainable e Reliable AI (13)	---	Metodi eXplainable e Reliable AI (13)	
F436978	86	Federated Semantic Segmentation architectures (9)	---	Federated Semantic Segmentation architectures (9)	
F434911	85	Apprendimento di strutture e statistiche latenti (18)	---	Apprendimento di strutture e statistiche latenti (18)	
F438248	85	Data Augmentation Approaches for Machine Learning Applications in NeuroImaging (38)	---	Data Augmentation Approaches for Machine Learning Applications in NeuroImaging (38)	
F436897	85	Fair and trustworthy machine learning (8)	---	Fair and trustworthy machine learning (8)	
F410841	85	Automated Painting (6)	---	Automated Painting (6)	Conditional admission *



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F439115	84	Safe Learning Agents (12)	---	Safe Learning Agents (12)	
F435712	83	Machine Learning and Computer Vision Models (27)	---	Machine Learning and Computer Vision Models (27)	
F427326	81	Generative modelling (7)	---	Generative modelling (7)	
F436570	81	Deep learning efficiente su ICE (41)	---	Deep learning efficiente su ICE (41)	
F437070	81	Sistemi Multi-Agente per l'automazione (23)	---	Sistemi Multi-Agente per l'automazione (23)	Conditional admission *
F438600	81	AI Improving the efficiency of collaborative robotized assemblies through learning (25)	---	AI Improving the efficiency of collaborative robotized assemblies through learning (25)	Conditional admission *
F438565	81	Intelligent Analysis of Interaction Data (29)  Foundations of Artificial Intelligence and Machine Learning (30)  Context-aware Methods in Machine Learning and Computer Vision (37)	---	Context-aware Methods in Machine Learning and Computer Vision (37)	Conditional admission *
F437140	81	Machine Learning Algorithms for IOT (35)	---	Machine Learning Algorithms for IOT (35)	
F439044	81	Physics-driven machine learning (2)	---	Physics-driven machine learning (2)	Conditional admission *
F438721	81	Risk-Aware Task and Motion Planning (11)	---	Risk-Aware Task and Motion Planning (11)	Conditional admission *
F367836	80	Multimodal learning for vision systems (1)	---	Multimodal learning for vision systems (1)	Conditional admission *
F429462	79	Artificial resilience (5)	---	Artificial resilience (5)	Conditional admission *
F415771	79	Monitoraggio strutturale di costruzioni e infrastrutture civili (33)	---	Monitoraggio strutturale di costruzioni e infrastrutture civili (33)	
F421223	79	Integrazione e sviluppo di metodi di Teoria dei Controlli e Intelligenza Artificiale (16)	---	Integrazione e sviluppo di metodi di Teoria dei Controlli e Intelligenza Artificiale (16)	
F438559	79	AI methods based on Digital Factory Twin (10)	---	AI methods based on Digital Factory Twin (10)	Conditional admission *
F439199	79	Intelligent Industrial Robots (34)	---	Intelligent Industrial Robots (34)	Conditional admission *



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F439297	78	Progettazione hardware-software di acceleratori (17)	---	Progettazione hardware-software di acceleratori (17)	
F306398	77	Integrazione di conoscenza di dominio all'interno di modelli data (20)	---	Integrazione di conoscenza di dominio all'interno di modelli data (20)	
F358947	77	Human-Centered AI for Smart Environments (4)	---	Human-Centered AI for Smart Environments (4)	Conditional admission *
F439421	75	Smart Manufacturing and Intelligent Embedded Systems (28)	---	Smart Manufacturing and Intelligent Embedded Systems (28)	
F438268	75	intelligenza artificiale e design predittivo (15)	---	intelligenza artificiale e design predittivo (15)	Conditional admission *
F438911	73	Collective intelligence for autonomous motion (36)	---	Collective intelligence for autonomous motion (36)	
F403446	73	AI as support for design (3)	---	AI as support for design (3)	
F439293	73	Active anomaly detection and forecasting approaches (39)	---	Active anomaly detection and forecasting approaches (39)	Conditional admission *
F438935	73	Metodi di apprendimento e controllo per robot (19)	---	Metodi di apprendimento e controllo per robot (19)	
F435296	72	Integrazione di machine learning simbolico (21)	---	Integrazione di machine learning simbolico (21)	
F430304	72	Combining symbolic and sub-symbolic methods (40)	---	Combining symbolic and sub-symbolic methods (40)	Conditional admission *

**From 14<sup>th</sup> October 2021 to 31<sup>st</sup> October 2021**, the admitted applicants in PhD programmes must enrol online through the Apply platform and by **8<sup>th</sup> November 2021** they must present themselves to the Doctoral School for the second phase of the enrolment.



## ELIGIBLE CANDIDATES

User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F367461	82	Federated Semantic Segmentation architectures (9)	---	---	Conditional admission *
F253678	78	Foundations of Artificial Intelligence and Machine Learning (30) Intelligent Analysis of Interaction Data (29)	---	---	
F439085	77	Grounded language (14) Multimodal learning for vision systems (1)	---	---	
F438240	77	Machine Learning and Computer Vision Models (27) AI methods based on Digital Factory Twin (10) Risk-Aware Task and Motion Planning (11)	---	---	
F438062	74	Generative modelling (7) Human-Centered AI for Smart Environments (4) Machine Learning and Computer Vision Models (27) Multimodal learning for vision systems (1)	---	---	
F437986	73	intelligenza artificiale e design predittivo (15) Apprendimento di strutture e statistiche latenti (18)	---	---	
F326265	73	Grounded language (14) Metodi eXplainable e Reliable AI (13) Human-Centered AI for Smart Environments (4) Machine Learning and Computer Vision Models (27) Intelligent Industrial Robots (34)	---	---	



User	Score	Eligibility to scholarship with predefined research topic	Waiving right to scholarship	Allocated scholarship	Notes
F356554	71	Automated Painting (6) Multimodal learning for vision systems (1) Human-Centered AI for Smart Environments (4) Generative modelling (7) Fair and trustworthy machine learning (8)	---	---	Conditional admission *
F439463	70	Machine Learning Algorithms for IOT (35) Foundations of Artificial Intelligence and Machine Learning (30) Fair and trustworthy machine learning (8) Intelligent Analysis of Interaction Data (29) Generative modelling (7)	---	---	
F438405	69	Smart Manufacturing and Intelligent Embedded Systems (28) Foundations of Artificial Intelligence and Machine Learning (30) Intelligent Analysis of Interaction Data (29)	---	---	Conditional admission *
F438831	69	Apprendimento di strutture e statistiche latenti (18) Metodi di apprendimento e controllo per robot (19) Progettazione hardware-software di acceleratori (17)	---	---	Conditional admission *
F387641	69	Multimodal learning for vision systems (1) Generative modelling (7) Reinforcement Learning for Industry 4.0 (26) Risk-Aware Task and Motion Planning (11) Fair and trustworthy machine learning (8)	---	---	Conditional admission *



## CANDIDATES NOT ELIGIBLE

User
F439499
F438075
F439422
F437463
F439434
F437432
F439157
F437196
F438615
F427476
F438999

### 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 2021**, 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 enroll.

Torino, 14/10/2021