



**DOTTORATO DI RICERCA IN “INFORMATICA E TELECOMUNICAZIONI”
36° CICLO – Primo bando
PhD PROGRAMME IN INFORMATION AND COMMUNICATION TECHNOLOGY
36th CYCLE - First call**

**GRADUATORIE FINALI
FINAL RANKINGS**

**N. 37 POSTI DI CUI N. 29 COPERTI DA BORSA DI STUDIO (DI CUI 19 A TEMATICA VINCOLATA)
N. 37 POSITIONS OF WHICH 29 WITH SCHOLARSHIP (19 RESERVED FOR SPECIFIC TOPICS)**

In base a quanto stabilito nell'art.6 del bando “I candidati saranno ammessi al Corso di Dottorato secondo l'ordine della relativa graduatoria fino alla concorrenza del numero dei posti messi a concorso. Gli assegnatari di borse a tematica vincolata saranno tenuti ad accettarle. La rinuncia alla borsa di studio a tematica vincolata comporta la perdita del diritto all'ammissione”.

Please note that, according to Art. 6 of the call “1.Short-listed applicants are admitted to the Doctoral School according to their place in the final ranking lists until all available places in each Research Area have been filled. An applicant who has been awarded a scholarship on a specific reserved topic must accept it. Renunciation of the reserved scholarship implies the applicant's exclusion from the right to enrol.

Termine per le iscrizioni: Posti con borsa: 17 agosto 2020 Posti senza borsa: 19 agosto 2020	<i>Chiusura ufficio: 8-16/08/2020</i>
Deadline for enrolment: <i>Position with scholarship: August 17, 2020</i> <i>Position without scholarship: August 19, 2020</i>	<i>Office closure: 8-16/08/2020</i>

Area A “Bioinformatics, Computer Vision, Deep and Structured Machine Learning, Machine Learning and Intelligent Optimization, Natural Language Processing, Quantum Information and Computing”. 9 posti, 8 coperti da borsa di studio (di cui 6 a tematica vincolata) / 9 positions, 8 with scholarships (of which 6 on reserved topics)

N	ID	Punteggio Score /100	Idoneità borse vincolate/Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional admission
1.	397394	92,40		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
2.	400976	87,92		Ammesso - borsa / Admitted - scholarship UNITN	
3.	396463	87,56		Ammesso senza borsa / Admitted without scholarship	
4.	399583	87,42	A4	Ammesso - borsa / Admitted - scholarship A4	
5.	398574	86,60	A6	Ammesso - borsa / Admitted - scholarship A6	
6.	401862	85,50	A1/A3	Ammesso - borsa / Admitted - scholarship A3	Sotto condizione (T) /conditional (T)
7.	397069	85,26	A1/A3	Ammesso - borsa / Admitted - scholarship A1	Sotto condizione (T) /conditional (T)
8.	398739	83,68	A5	Ammesso - borsa / Admitted - scholarship A5	
9.	402097	81,25	A2	Ammesso - borsa / Admitted - scholarship A2	Sotto condizione (T) /conditional (T)
10.	402292	86,15		Idoneo non ammesso /Eligible not admitted	
11.	400581	85,69		Idoneo non ammesso /Eligible not admitted	
12.	401334	85,50		Idoneo non ammesso /Eligible not admitted	



13.	400913	85,46		Idoneo non ammesso /Eligible not admitted	
14.	401582	85,04	A4	Idoneo non ammesso /Eligible not admitted	
15.	399503	84,43		Idoneo non ammesso /Eligible not admitted	
16.	402528	84,34		Idoneo non ammesso /Eligible not admitted	
17.	399992	83,86		Idoneo non ammesso /Eligible not admitted	
18.	402392	83,21		Idoneo non ammesso /Eligible not admitted	
19.	401762	82,13	A5	Idoneo non ammesso /Eligible not admitted	
20.	400743	79,45		Idoneo non ammesso /Eligible not admitted	
21.	400432	79,00		Idoneo non ammesso /Eligible not admitted	
22.	399464	77,84		Idoneo non ammesso /Eligible not admitted	
23.	398094	77,60		Idoneo non ammesso /Eligible not admitted	
24.	398564	77,25		Idoneo non ammesso /Eligible not admitted	
25.	400728	76,39		Idoneo non ammesso /Eligible not admitted	
26.	398646	76,10		Idoneo non ammesso /Eligible not admitted	
27.	401438	75,89		Idoneo non ammesso /Eligible not admitted	
28.	398171	75,50		Idoneo non ammesso /Eligible not admitted	
29.	402457	72,85	A5	Idoneo non ammesso /Eligible not admitted	
30.	401194	72,57		Idoneo non ammesso /Eligible not admitted	
31.	402744	71,50		Idoneo non ammesso /Eligible not admitted	
32.	402401	70,91		Idoneo non ammesso /Eligible not admitted	
33.	397884	70,61		Idoneo non ammesso /Eligible not admitted	
34.	400164	68,69		Non idoneo / Not admitted	
35.	396703	68,60		Non idoneo / Not admitted	
36.	402659	67,75		Non idoneo / Not admitted	
37.	399475	66,24		Non idoneo / Not admitted	
38.	402417	65,88		Non idoneo / Not admitted	
39.	399625	65,44		Non idoneo / Not admitted	
40.	402886	63,90		Non idoneo / Not admitted	
41.	397358	63,41		Non idoneo / Not admitted	
42.	400249	62,94		Non idoneo / Not admitted	
43.	401378	59,76		Non idoneo / Not admitted	
44.	400162	59,72		Non idoneo / Not admitted	
45.	402470	59,38		Non idoneo / Not admitted	
46.	398173	59,20		Non idoneo / Not admitted	
47.	401396	57,85		Non idoneo / Not admitted	
48.	398377	56,75		Non idoneo / Not admitted	
49.	398137	55,80		Non idoneo / Not admitted	
50.	402325	52,40		Non idoneo / Not admitted	



Area B: "Cyber Security, Embedded Systems, Systems and Networks, Wireless Networking, Wireless Technology and System". 12 posti, 10 con borsa di studio (di cui 5 a tematica vincolata) / 12 positions, 10 scholarships (of which 5 on reserved topics)

Risultando non assegnate le borse di studio vincolate B3, B4 i posti totali disponibili sono diminuiti a: **10 posti, 8 con borsa di studio (di cui 3 a tematica vincolata)**. *The scholarships on reserved topic B3, B4 are not assigned to any candidates, the available positions are reduced to: 10 positions, 8 with scholarships (of which 3 on reserved topics).*

N	ID	Punteggio Score /100	Idoneità borse vincolate/Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional admission
1.	396500	96,90	B1/ B2	Ammesso - borsa / Admitted - scholarship B2	
2.	396448	95,67	B1 / B2	Ammesso - borsa / Admitted - scholarship B1	
3.	397372	95,00		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
4.	397084	93,07		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
5.	400224	83,97		Ammesso - borsa / Admitted - scholarship UNITN	
6.	402007	83,08		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
7.	401757	80,50		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
8.	399638	80,19		Ammesso senza borsa / Admitted without scholarship	
9.	398601	80,00	B5	Ammesso - borsa / Admitted - scholarship B5	
10.	396653	79,77		Ammesso senza borsa / Admitted without scholarship	Sotto condizione (T) /conditional (T)
11.	400226	79,20		Idoneo non ammesso /Eligible not admitted	
12.	402423	78,99		Idoneo non ammesso /Eligible not admitted	
13.	398432	78,58		Idoneo non ammesso /Eligible not admitted	
14.	402360	69,84		Non idoneo / Not admitted	
15.	400225	69,73		Non idoneo / Not admitted	
16.	397175	69,70		Non idoneo / Not admitted	
17.	398986	68,28		Non idoneo / Not admitted	
18.	400156	68,00		Non idoneo / Not admitted	
19.	396649	67,21		Non idoneo / Not admitted	
20.	402333	66,60		Non idoneo / Not admitted	
21.	401130	64,32		Non idoneo / Not admitted	
22.	402545	64,19		Non idoneo / Not admitted	
23.	402309	64,16		Non idoneo / Not admitted	
24.	399874	64,14		Non idoneo / Not admitted	
25.	402847	61,73		Non idoneo / Not admitted	
26.	402021	60,95		Non idoneo / Not admitted	
27.	399086	60,44		Non idoneo / Not admitted	
28.	400255	60,14		Non idoneo / Not admitted	



29.	401328	58,62		Non idoneo / Not admitted	
30.	401201	58,02		Non idoneo / Not admitted	
31.	400142	55,73		Non idoneo / Not admitted	
32.	400115	54,99		Non idoneo / Not admitted	
33.	396589	54,33		Non idoneo / Not admitted	
34.	400033	53,52		Non idoneo / Not admitted	
35.	398480	51,69		Non idoneo / Not admitted	
36.	402230	47,70		Non idoneo / Not admitted	
37.	398383	47,27		Non idoneo / Not admitted	
38.	401949	45,98		Non idoneo / Not admitted	
39.	396905	45,90		Non idoneo / Not admitted	
40.	396990	41,48		Non idoneo / Not admitted	

Area C: “Data Analytics and Management, Formal Methods, Knowledge Management, Quantum Information and Computing”. **8 posti, 4 con borsa di studio (di cui 3 a tematica vincolata) / 8 positions, 4 with scholarship (of which 3 on reserved topics).**

N	ID	Punteggio Score /100	Idoneità borse vincolate/Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional admission
1.	397582	86,71		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
2.	402285	85,82		Ammesso senza borsa / Admitted without scholarship	
3.	396645	80,70		Ammesso senza borsa / Admitted without scholarship	
4.	396980	80,07	C1	Ammesso - borsa / Admitted - scholarship C1	
5.	396477	78,71		Ammesso senza borsa / Admitted without scholarship	
6.	402474	77,05	C2	Ammesso - borsa / Admitted - scholarship C2	
7.	398262	73,82		Ammesso senza borsa / Admitted without scholarship	
8.	399858	73,50	C3	Ammesso - borsa / Admitted - scholarship C3	Sotto condizione (L)
9.	402675	72,81	C2	Idoneo non ammesso /Eligible not admitted	
10.	397427	71,98		Idoneo non ammesso /Eligible not admitted	
11.	402658	71,44	C2	Idoneo non ammesso /Eligible not admitted	
12.	400773	70,15	C2	Idoneo non ammesso /Eligible not admitted	
13.	396716	66,79		Non idoneo / Not admitted	
14.	401040	62,63		Non idoneo / Not admitted	
15.	402616	60,72		Non idoneo / Not admitted	
16.	400314	53,28		Non idoneo / Not admitted	
17.	402729	45,05		Non idoneo / Not admitted	

Area D “Multimedia analysis, Pattern recognition, Remote Sensing and Radar, Signal processing”. **8 posti, 7 con borsa di studio (di cui 5 a tematica vincolata) / 8 positions, 7 with scholarship (of which 5 on reserved**



topics). Risultando non assegnate le borse di studio vincolate D1, D5 i posti totali disponibili sono diminuiti a: **6 posti, 5 con borsa di studio (di cui 3 a tematica vincolata)**. *The scholarships on reserved topic D1, D5 are not assigned to any candidates, the available positions are reduced to: **6 positions, 5 with scholarships (of which 3 on reserved topics)**.*

N	ID	Punteggio Score /100	Idoneità borse vincolate/Eligible for reserved scholarships	Esito/Outcome	Riserva/ Conditional admission
1.	402024	88,32		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
2.	396519	88,04		Ammesso - borsa / Admitted - scholarship UNITN	Sotto condizione (T) /conditional (T)
3.	397021	87,48		Ammesso senza borsa / Admitted without scholarship	
4.	400927	87,26	D3	Ammesso - borsa / Admitted - scholarship D3	Sotto condizione (T) /conditional (T)
5.	401231	78,52	D4	Ammesso - borsa / Admitted - scholarship D4	
6.	402269	70,86	D2	Ammesso - borsa / Admitted - scholarship D2	Sotto condizione (T) /conditional (T)
7.	401764	74,08		Idoneo non ammesso /Eligible not admitted	
8.	400105	69,76		Non idoneo / Not admitted	
9.	401973	69,40		Non idoneo / Not admitted	
10.	402181	69,51		Non idoneo / Not admitted	
11.	401447	69,70		Non idoneo / Not admitted	
12.	402788	69,50		Non idoneo / Not admitted	
13.	400861	69,23		Non idoneo / Not admitted	
14.	402175	68,53		Non idoneo / Not admitted	
15.	398368	67,60		Non idoneo / Not admitted	
16.	402421	66,04		Non idoneo / Not admitted	
17.	397904	65,16		Non idoneo / Not admitted	
18.	401295	63,77		Non idoneo / Not admitted	
19.	401694	63,29		Non idoneo / Not admitted	
20.	399082	61,63		Non idoneo / Not admitted	
21.	398618	60,20		Non idoneo / Not admitted	
22.	402471	59,81		Non idoneo / Not admitted	
23.	399504	56,75		Non idoneo / Not admitted	
24.	399318	38,00		Non idoneo / Not admitted	

NB: I vincitori che nella graduatoria sono indicati "**Sotto condizione (T)**" sono ammessi "con riserva", dovranno conseguire il titolo di studio entro il **31/10/2020** e far pervenire alla Divisione Supporto Corsi di Dottorato e Alta Formazione – Polo Collina (phd.office-st@unitn.it) **entro il 6/11/2020**, a pena di esclusione, il **certificato di conseguimento del titolo** (o autocertificazione per i soli titoli conseguiti in Italia).

*Successful candidates indicated as "**conditional (T)**" are expecting to complete their degree **by October 31, 2020**, and they have to submit to the Science & Technology PhD Office (phd.office-st@unitn.it) the **degree certificate no later than November 6, 2020**, on penalty of exclusion.*



I vincitori che nella graduatoria sono indicati "Sotto condizione (L)" sono ammessi "con riserva" e dovranno pervenire il certificato attestante la conoscenza della lingua inglese livello B2 alla Segreteria del Dottorato in ICT (ict.school@unitn.it) **entro il 31/10/2020**, pena l'esclusione.

Successful candidates indicated as "**conditional (L)**" are expecting to submit the certificate attesting the B2 English level, to the ICT Secretary (email: ict.school@unitn.it) **no later than 31/10/2020**, on penalty of exclusion.

Borse di Studio Vincolate / In **rosso** le borse non assegnate
Reserved Scholarships / *scholarships not assigned in red.*

Area di ricerca / Research area	N. borse tematica vincolata / Reserved scholarship	Tema / Topic
A	6	A1 - Deep Learning per Human Behaviour Understanding (DISI) A2 - Hybrid Quantum-Annealer Algorithms for Tabu Search and Data-Driven Computation (DISI, Q@TN) A3 - Human behaviour understanding (DISI) A4 - Deep Learning Models for Human Behaviours (FBK) A5 - Robust and multilingual hate speech detection (FBK) A6 - Flexibility and Robustness in Speech Translation (FBK)
B	5	B1 - Innovative methodologies for the tolerance analysis and the robust design of antenna systems with continuous and discrete apertures (DISI) B2 - Advanced design of engineered electromagnetic materials for next generation radar and wireless communications systems (DISI) B3 - Low-power Localization for the Internet of Things (IoT) (DISI) B4 - Data-driven techniques for closed-loop network and service management and RAN disaggregation in 6G Mobile Networks (FBK) B5 - Development of innovative Microsystems-based Radio Frequency RF-MEMS passives for next generation of telecommunications, wireless and radio systems (FBK)
C	3	C1 - Composition of the heterogeneous Data Bases (DISI) C2 - Making Quantum Annealing Useful for Real: Compiling Effectively and Efficiently Very-Hard Combinatorial Problems into Ising Problems (DISI, Q@TN) C3 - SMT-based formal verification of parameterized systems (FBK)
D	5	D1 - Ultrasound Imaging Solutions Dedicated to Bubbly Media (DISI) D2 - Development of methodologies and automatic techniques for the analysis of data acquired by planetary radars (DISI) D3 - Development of methods based on artificial intelligence and machine learning for the analysis of remote sensing data acquired by planetary and/or Earth Observation missions (DISI) D4 - Automatic analysis of radar/radar sounder images (FBK) D5 - Multi-/Hyper-temporal remote sensing image time series analysis (FBK)

Trento, 5 agosto 20220 / August 5th, 2020