

CALL FOR APPLICATIONS

Admission to the PhD Programme in

Space Science and Technology

40th Cycle

ACADEMIC YEAR 2024/2025

Deadline July 16th 2024

CUP	CUP	CUP	CUP
M4C2 - Inv. 3.3	M4C1 - Inv. 4.1	M4C1 - Inv. 4.1	M4C1 - Inv. 3.4
Innovative PhD Programmes Scholarships	NRRP scholarships	Public Administration scholarships	Digital transitions scholarships
E66E2400000001	E66E24000200005	E66E24000210006	E66E24000190005

N.B. Please note that only the Italian version of the present call issued with Rector's Decree no. 666 of 14/06/2024 is legally binding; the English version is provided for information only



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DI TRENTO

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Art. 1 – Subject of the Call

The University of Trento opens the call for positions for the 40th Cycle (Academic Year 2024/2025) of the PhD Programme in “Space Science and Technology”

Deadline for application: July 16th, 2024, hrs. 4 pm CEST (Italian time, GMT +2, all the times indicated in this Call are to be meant as Italian time)

Positions: no. 41

Scholarships: n. 37 (on reserved topics)

Positions without scholarship: no. 1

Supernumerary positions without scholarship: no. 3 (with reference to art. 8)

The number of positions with scholarships available for selection is distributed as follows:

SUMMARY OF AVAILABLE SCHOLARSHIPS				
CURRICULUM 1 – OBSERVATION OF THE UNIVERSE				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
VITALITY	1	VITALITY / Gran Sasso Science Institute	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	1A - Experimental study of the high energy cosmic radiation with space-based missions (E66E24000000001)
Scuola Internazionale Superiore di Studi Avanzati - SISSA Trieste	1	Scuola Internazionale Superiore di Studi Avanzati - SISSA Trieste	-	1B - Combined Data Analysis for Space Missions
University of Padua	1	University of Padua	M4C1 - Inv. 4.1 Public Administration scholarships	1C - Universe exploration, from planets and exoplanets to stars and galaxies (E66E24000210006)
Institute of Advanced University Education - IUSS Pavia	1	Institute of Advanced University Education - IUSS Pavia	-	1D - Multi-wavelength observations of Galactic and extragalactic compact objects and transients
TOTAL NUMBER OF SCHOLARSHIPS				4

CURRICULUM 2 – EARTH AND EARTH-SUN SYSTEM				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
University of Calabria National Institute of Geophysics and Volcanology - INGV	1	University of Calabria	-	2A - Turbulence and Climate Change in the Mediterranean: Medicanes and Extreme Events
SpaceltUp!	1	SpaceltUp! / University of Calabria	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	2B - Space weather and Sun-Earth interaction (E66E2400000001)
University of Ferrara	1	University of Ferrara	M4C1 - Inv. 3.4 Digital transitions scholarships	2C - Remote sensing for precision monitoring of vineyard diseases (E66E24000190005)
University of Trento	1	University of Trento	-	2D - ASI SPACE IT UP SPOKE 5 - Study of Lithosphere-Magnetosphere interactions using data from space borne e ground based instruments, a new tool for natural hazard mitigation (CUP E63C24000530003)
TOTAL NUMBER OF SCHOLARSHIPS				4
CURRICULUM 3 – PLANETARY SCIENCES				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
Istituto Nazionale di Alta Matematica Francesco Severi - INdAM	1	A venue with INdAM-affiliated lecturers to be agreed with the scientific referee	-	3A - Theoretical and computational methods in Celestial Mechanics, Astrodynamics and Space Sciences (E53C24000960001)

"Gabriele d'Annunzio" University	1	"Gabriele d'Annunzio" University	M4C1 inv. 4.1, NRRP scholarships	3B - Internal processes and structure of Mercury (E66E24000200005)
University of Trento	1	University of Trento	-	3C - Analysis of planetary radar data with artificial intelligence methodologies (F83C23000070005)
TOTAL NUMBER OF SCHOLARSHIPS				3
SUPERNUMERARY POSITIONS (ART. 8)				1
CURRICULUM 4 – ASTROBIOLOGY, LIFE SCIENCES AND SPACE MEDICINE				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
University of Cagliari	1	University of Cagliari	M4C1 inv. 4.1, Public Administration scholarships	4A - Biotechnological Applications of Microalgae for Long-Duration Space Missions (E66E24000210006)
University of Pisa	1	University of Pisa	M4C1 inv. 4.1, NRRP scholarships	4B - Molecular modifications induced by altered gravity in epithelial barrier integrity and evaluation of innovative countermeasures to mitigate its dysfunction (E66E24000200005)
University of Rome "Tor Vergata"	1	University of Rome "Tor Vergata"	-	4C - Human Life Science and Space Medicine - Physiological and biological bases of space adaptations: quantitative approaches
Thales Alenia Space Italia s.p.a.	1	Thales Alenia Space Italia s.p.a. / University of Turin	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	4D - Space Farming in microgravity (E66E24000000001)

University of Turin	1	University of Turin	-	4E - Astro-Pharmacology: the cure beyond Earth (and better on Earth).
TOTAL NUMBER OF SCHOLARSHIPS				5
POSITIONS WITHOUT SCHOLARSHIP				1
CURRICULUM 5 – SPACE SENSORS AND INSTRUMENTATION				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
Fondazione Bruno Kessler - FBK	1	Fondazione Bruno Kessler - FBK	-	5A - Development of rad-hard, single-photon detectors optimised for satellite missions and astroparticle physics experiments
ARCA Dynamics	1	ARCA Dynamics / University of Florence	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	5B - Advanced integration of optical and RF spatial data using reduction algorithms, processing and data fusion (E66E2400000001)
RF Microtech	1	RF Microtech / University of Trento	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	5C - Development of reconfigurable and intelligent RF active components and systems for space applications (E66E2400000001)
National Inter-University Consortium for Telecommunications - CNIT	1	National Inter-University Consortium for Telecommunications - CNIT- PNTLab - Pisa	-	5D - Photonics for space applications
National Institute for Nuclear Physics - INFN	1	University of Bari "Aldo Moro" / University of Rome "Tor Vergata"	-	5E - Design and prototype characterization of innovative high energy particle detectors for space application

University of Palermo	1	University of Palermo	-	5F - Study of synergies between CTA and space-based observatories for the exploration of the transient sky
University of Trento	1	University of Trento	-	5G - ASI SPACE IT UP SPOKE 6 - Development of a particle detector for a CubeSat mission (CUP E63C24000530003)
TOTAL NUMBER OF SCHOLARSHIPS				7
CURRICULUM 6 – ENGINEERING AND SATELLITE PLATFORM TECHNOLOGIES				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRRP COMPONENT	SCHOLARSHIP SUBJECT
National Institute for Nuclear Physics - INFN	1	Sant'Anna School of Advances studies – Pisa (SSSA)	-	6A - Radiation hard photonic integrated circuits for space applications (Project NRRP_NQSTIS6, CUP I53C22001460006)
Fondazione Bruno Kessler - FBK	1	Fondazione Bruno Kessler - FBK	-	6B - Model-based system-software engineering and formal methods for space systems
National Inter-University Consortium for Telecommunications - CNIT	1	National Inter-University Consortium for Telecommunications - CNIT - UdR Parma	-	6C - Digital technologies for satellite communications and their integration in non-terrestrial networks
Trentino Sviluppo S.p.A. - ProM Facility	1	Trentino Sviluppo S.p.A. - ProM Facility / Università degli studi di Trento	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6D - Metallic additive manufacturing advancements for aerospace innovation in microsattelites (E66E24000000001)
OHB Italia	1	OHB Italia / Università degli studi di Trento	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6E - Development of innovative mechatronic systems for scientific and technological payloads for space and exploration missions (E66E24000000001)

QAscom	1	QAscom / University of Trento	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6F - Navigation techniques based on satellite signals and image processing images (E66E2400000001)
SANITAS E.G	1	SANITAS E.G. / Institute of Advanced University Education - IUSS Pavia	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6G - FPGA based Large scale interferometry, ultra precise synchronization (E66E2400000001)
National Research Council of Italy - CNR	1	CNR-IEIT (Turin) CNR-STIIMA (Milan)	-	6H - Development of millimetre/sub-millimetre-wave components for Space payloads through Advanced Manufacturing
Fasternet S.r.l.	1	Fasternet S.r.l. / University of Brescia	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6I - Deep Learning techniques for inverse problem in imaging (E66E2400000001)
Infibra Technologies S.r.l.	1	Infibra Technologies S.r.l. / Sant'Anna School of Advanced Studies (SSSA) - Pisa	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	6L - Optical Fiber Sensor Systems for Space Applications (E66E2400000001)
University of Trento	1	University of Trento	-	6M - ASI SPACE IT UP SPOKE 5 – Artificial Intelligence and machine learning for the analysis of multisensory and multitemporal Earth observation data (CUP E63C24000530003)
TOTAL NUMBER OF SCHOLARSHIPS				11
CURRICULUM 7 – ECONOMIA, GIURISPRUDENZA E DIPLOMAZIA SPAZIALE				
FUNDING INSTITUTION	NO. OF POSITIONS	OPERATIONAL SITE	NRPP COMPONENT	SCHOLARSHIP SUBJECT
University of Bari "Aldo Moro"	1	University of Bari "Aldo Moro"	-	7A - GeoBlockchain applications in the space economy ecosystem
Thales Alenia Space Italia s.p.a.	1	Thales Alenia Space Italia s.p.a. / University of Turin	M4C2 inv. 3.3 - Innovative PhD	7B - Industrial aerospace and intellectual property (E66E2400000001)

			Programmes Scholarships	
Geoville Information Systems and Data Processing GmbH	1	Geoville Information Systems and Data Processing GmbH / Institute of Advanced University Education - IUSS Pavia	M4C2 inv. 3.3 - Innovative PhD Programmes Scholarships	7C - Understanding the impact of climate change on security and defense services in the space industry (E66E2400000001)
TOTAL NUMBER OF SCHOLARSHIPS				3
SUPERNUMERARY POSITIONS (ART. 8)				2

The study program is structured into 7 Curricula. Candidates may express interest in reserved topics scholarships, which are contingent upon the execution of a specific research topic conducted at the operational site indicated in the previous table, for which certain skills are required. During the oral exam, the specific suitability of the applicants will be assessed. Those interested in one or more of the above-mentioned positions must carefully check the theme and the required skills, and if the scholarships are conditional upon the acceptance of confidentiality agreements and/or transfer of results, as indicated on the competition webpage (<https://www.unitn.it/en/ateneo/107293/announcement-of-selection>).

The research projects related to scholarships funded by NRRP funds must also be:

- A. Consistent with the objectives and purposes of Regulation (EU) 2021/241, with the general strategy and the detailed sheet of the NRRP Component;
- B. Oriented towards achieving the results measured in reference to milestones and targets possibly assigned to the Investment within the terms established by the Plan;
- C. Compliant with the “do no significant harm” (DNSH) principle pursuant to Article 17 of Regulation (EU) 2020/852 in accordance with the technical guidelines prepared by the European Commission (European Commission Communication 2021/C58/01);
- D. Suitable for addressing and bridging gender inequalities;
- E. Supportive of the participation of women and young people, also in line with the provisions of Decree-Law 31 May 2021, No. 77 (known as the Simplification Decree), amended by the conversion law 29 July 2021, No. 108, concerning the management of the National Recovery and Resilience Plan (NRRP).

Pursuant to Art. 11, paragraph 6 of DM 629/2024 and Art. 8, paragraph 7 of DM 630/2024, those who have already accepted a PNNR scholarship in previous cycles, whether at the University of Trento or other universities, and subsequently renounced it, even without receiving any installment, cannot participate in the present call applying for PNNR positions.

The positions with scholarships or covered by other forms of financial support, including those resulting from the reallocation of additional PNNR resources to the university as determined by the MUR with a specific provision (more information in Art. 9 - Re-Examination Procedure), may be increased following the availability of additional funding after the issuance of this call and before the evaluation of qualifications. Any such increase will be communicated exclusively on the Call for Applications webpage.

Additional positions: for positions with reserved topics scholarships that become available after the publication of this call (and published on the Call for Applications webpage), it will be possible to apply by selecting "Other" from the list proposed in the online application and filling in the specific descriptive field with the chosen scholarship, modifying the previously indicated order of preference if necessary.

Moreover, applicants selected by special committees may also be admitted to the 40th Cycle, following a decision of a dedicated committee belonging to specific international mobility programmes in which the universities and research institutions that are operational sites of the PhD programme participate.

- Duration: **three years**
- Start of the academic Year: **November 1st, 2024**
- Official language: **English**
- Application Website: [National PhD application in Space Science and Technology](#)
- PhD Program Coordinator: **Prof. Roberto Battiston** – roberto.battiston@unitn.it
- PhD SST Website: <https://www.unitn.it/phd-sst/>
- [Rights and duties of PhD students](#)
- [Info about PhD scholarships](#)
- [Scientific and disciplinary fields](#)

Additional obligations provided by D.M. No. 629 and No. 630 of 24.04.2024:

Pursuant to D.M. 629 and 630 of 24.04.2024, the acceptance of the scholarships covered by this call implies:

- The undertaking of study and research periods in companies or research centers or at Public Administrations (including museums, institutions of the Ministry of Culture, archives, libraries, also non-continuous periods), and study and research periods abroad, also non-continuous, as detailed below:

	Mobility abroad	Periods in companies/research centres/public administrations
NRRP scholarships	Compulsory (min. 6 - max 12 months)	Optional
Public Administration scholarships	Compulsory (min. 6 - max 12 months)	Compulsory At companies, research centres or public administrations (min. 6 - max. 12 months)

Cultural heritage scholarships	Compulsory (min. 6 - max 12 months)	Compulsory At companies, research centres or public administrations (including museums, institutes of the Ministry of Culture, archives, libraries) (min. 6 - max. 12 months)
Digital and environmental transitions scholarships	Compulsory (min. 6 - max 12 months)	Compulsory At companies or research centres (min. 6 - max. 12 months)
Innovative PhD Programmes Scholarships	Compulsory (min. 6 - max 12 months)	Compulsory At companies or research centres (min. 6 - max. 18 months)

- the presentation, every six months, of a report indicating the temporal commitment, structured in months at the company (or at research centres or public administrations), at headquarters and abroad, and a summary of the main activities performed; the submission will be made via a special MUR online platform and using the forms provided therein.

The candidate is fully aware, right from the moment of application, that the scholarship awarded for research projects funded by NRRP **may be revoked under the following circumstances:**

- carrying out of the PhD programme in a way that differs from the project accepted for funding, when the necessary approval by the MUR has not been previously requested and subsequently granted.
- failure to complete the study and research periods in companies or research centres or public administrations and abroad as outlined in the table provided above.

Important:

The **selection dates** and all **results** (interim and final), any **automatic exclusion from the selection** due to incomplete application (see subsequent Art. 3), and exclusion due to unrecognized foreign qualifications (see subsequent Art. 2), will be published on the competition webpage referencing only the **ID of the application, which is recommended to be kept in memory**. This publication serves as **official notification for all legal purposes, and no personal communications will be sent**.

Any notices regarding the competition will be transmitted via email to the personal email address associated with the account registered by the system at the time of application closure. For candidates who have an active or recently concluded career at the University of Trento, please verify the correctness of this personal email address at the following link: [Account Data Management](#). If it becomes necessary to modify the personal contact after the application closure, it is advisable to also send a communication to the Division for Support of PhD and Higher Education Courses - Polo Collina (phd.office-st@unitn.it).

1.1 Description and objectives of the PhD Program

Italy has a long tradition in space science and technology and has developed a complete chain of activities linking university education, academic and private research, and industrial activities. Italian public investment in space has increased in recent years. Space is an

area where the National Recovery and Resilience Plan (NRRP) invests significant resources: in this context MUR and ASI have launched a national call for an Extended Partnership dedicated to the development of basic space science and technology.

Space is a multidisciplinary field that requires specific education and training. A National PhD Program dedicated to Spaces Science and Technology is therefore timely, strategic and well justified, bringing together scientific and technological expertises, Universities and Research Institutions, Academia and Industry.

The training topics related to space activities cover different areas are what makes the National PhD Program approach particularly effective, as training content, from the many universities and research organisations involved, can be shared, thus ensuring quality and excellence in content and at the same time a wide variety of training profiles for PhD students.

The Course is divided into the following seven curricula, the description of which (with the relevant SSDs - Scientific Disciplinary Sectors) can be found in the PhD Programme website.

- 1- Observation of the Universe
- 2- Earth and the Sun-Earth system
- 3- Planetary Sciences
- 4- Astrobiology, Life Sciences and Space Medicine
- 5- Space Sensing and Instrumentation
- 6- Engineering and satellite platform technologies
- 7- Space Economy, law and diplomacy.

1.2 Participating Universities and Research Institutions

To launch the National PhD Program, the University of Trento has signed agreements with the following Universities and Research Institutions operational PhD sites:

Universities:

1. "Gabriele d'Annunzio" University - UNICH
2. Gran Sasso Science Institute - GSSI
3. Institute of Advanced University Education - IUSS Pavia
4. Scuola Internazionale Superiore di Studi Avanzati - SISSA Trieste
5. Sant'Anna School of Advanced Studies - SSSA Pisa
6. University of Bari "Aldo Moro" - UNIBA
7. University of Brescia - UNIBS
8. University of Cagliari - UNICA
9. University of Ferrara - UNIFE
10. University of Florence - UNIFI
11. University of Padua - UNIPD
12. University of Palermo - UNIPA
13. University of Rome "Tor Vergata" - UNITOV

14. University of Turin - UNITO
15. University of Calabria - UNICAL
16. University of Pisa - UNIPI

Enti di Ricerca:

1. Fondazione Bruno Kessler - FBK
2. Istituto Nazionale di Alta Matematica "Francesco Severi" - INDAM
3. National Institute for Nuclear Physics - INFN
4. National Institute of Geophysics and Volcanology - INGV
5. National Inter-University Consortium for Telecommunications - CNIT

Companies:

1. ARCA Dynamics s.r.l.s.
2. Fasternet s.r.l.
3. GeoVille - Information Systems and Data Processing GmbH
4. Infibra Technologies s.r.l.
5. OHB Italia s.p.a.
6. Qascom s.r.l.
7. RF Microtech s.r.l.
8. Sanitas EG s.r.l.
9. SpaceltUp! s.c.a.r.l.
10. Thales Alenia Space Italia s.p.a.
11. Trentino Sviluppo - Prom Facility s.p.s.
12. VITALITY – Ecosistema di Innovazione, Digitalizzazione e Sostenibilità per l'Economia diffusa nel Centro Italia

Art. 2 – ADMISSION REQUIREMENTS

1. Applications for PhD positions are accepted from applicants, regardless of gender, age and nationality, holding:
 - a) an Italian "Laurea Magistrale" or "Laurea Specialistica", according to the M.D. November 3, 1999, no. 509, amended by M.D. October 22, 2004, no. 270;
 - b) a university degree obtained at an Italian Institution belonging to the AFAM system (Alta Formazione Artistica e Musicale);
 - c) an equivalent foreign degree (Master's degree) obtained at an officially recognized academic institution, valid for admission to PhD studies in the Country where it has been issued (except for substantial differences) and similar (duration and level) to the Italian degree, recognized as eligible¹ by the Selection Committee for the sole purpose of accessing this specific PhD Program.²
2. Applications are also accepted from candidates who do not hold the required degree but expect to obtain it **by October 31st, 2024**. In this case admission is "conditional" and applicants must submit the degree certificate (or a self-declaration, see [Form A](#)) to the

¹ The suitability of the foreign qualification is ascertained by the Selection Committee in compliance with current legislation and international treaties or agreements on the recognition of qualifications for further studies.

² For more information see: <https://www.cimea.it/EN/pagina-qualifiche-del-sistema-universitario>

relevant PhD Office (Science & Technology Area email: phd.office-st@unitn.it) **no later than November 4th, 2024. Failure to provide the certificate by the deadline will lead to exclusion.**

- Applicants with a foreign qualification that has not been officially recognised **as equivalent** to a second cycle Italian degree (Laurea Magistrale/Specialistica/vecchio ordinamento) will be considered **as requesting equivalence in their application**, by attaching the necessary supporting documents.

It is in the applicant's interest to provide all the elements useful for the assessment, especially if the education system of the country where the qualification was obtained is not similar to the Italian one.

The Selection Committee may require the applicant to provide additional documentation if deemed necessary for the purpose of assessing the eligibility.

- Notwithstanding the provisions of Art. 11, co. 6 of M.D. 629/2024 and Art. 8, co. 7 of M.D. 630/2024, candidates who have already obtained a Doctoral degree can apply for a second Doctoral Programme only if its main research topics and scientific-disciplinary fields differ from those of the candidate's first Doctorate Programme. Those who have already benefited, even if partially, from a doctoral scholarship in Italy, and public employees on extraordinary paid leave cannot be awarded another doctoral scholarship³.
- Public administration employees are admitted to the Doctoral course subject to placement on unpaid leave.

Art. 3 – APPLICATION PROCEDURE

- The application must be completed and **submitted by July 16th, 2024 - 4:00 p.m. (Italian time)**, exclusively through the online procedure: <https://www.unitn.it/en/apply/dott>, which will be available **within three working days** from the date of publication of the Call.

The online enrollment procedure can be accessed in one the following ways⁴:

- with SPID or CIE (Electronic Identity Card):** those who have an Italian Tax Code (codice fiscale) and an Italian identity document must access the enrolment procedure with CIE (more information are available at <https://www.cartaidentita.interno.gov.it/>) or with SPID, the Italian Public Digital Identification System, which automatically certifies the identity of the person on the UniTrento systems and sets up an @unitn.it account. To request the SPID identity (useful for accessing various online services of the Italian Public Administration) please see the website: <https://www.spid.gov.it/en/what-is-spid/how-to-activate-spid/>
- with a UniTrento account:** those who already have an account issued by the University can access the registration procedure with the username they already have (name.surname@unitn.it). For details on UniTrento account and password: Account @unitn.it.
- registering a UniTrento “guest” account:** those who do not have an Italian Tax Code can register a temporary account as “guest”. After enrollment, the guest account will be converted into a definitive @unitn.it account. To register a guest account: <https://webapps.unitn.it/Registration/en/Home>

³ [CUN Opinion dated 20/03/2008](#) (Session no. 19 of 18/03/2008); MIUR Note dd 14/09/2010 no. 1746; Art. 6 co. 2 of Law no. 398 of 1989 “Regulations on university scholarships”.

⁴ Candidates are invited to not wait until the last few days before the deadline for the submission of the application. In order to get login information, and therefore access the online application portal, it could take up to three full working days.

2. To finalize the application a **non-refundable application fee of € 15** is to be paid exclusively through **PagoPA payment system**⁵ according to the instructions given in the appropriate section of the online application (“Application Fee”). The online application can be saved and modified until the final submission, after which changes will no longer be possible.
3. **Candidates will be considered fully responsible of their applications. Administration highly recommends that candidates make sure to have received the notification email confirming that their application has been successfully completed and submitted. UNITrento refuses any responsibility for all applications not closed properly by candidates.**
4. Incomplete or irregular applications, or applications transmitted in ways other than those dictated in this article, shall not be considered valid and candidates will consequently be excluded from the selection process.
5. All applicants are **conditionally** admitted to the selection **upon ascertaining that they fulfil the admission requirements**. The University of Trento has the right to verify the documents delivered pursuant to articles 71 et seq. of the Presidential Decree n. 445 of December 28th, 2000.
6. **If the submitted degree does not satisfy the requirements specified in Art. 2 of this call, or if the information provided in the application is not true, the candidate may be excluded from the selection process at any time and even after enrolment or the beginning of the PhD course.**
7. According to Art. 20 of Italian Law n. 104/92, and Art. 16 (1) of Italian Law n. 68/99, applicants with special needs or with learning disabilities, may explicitly request special assistance or extra time during the examinations in their application, according to their particular disability. In this regard, the data will be processed in compliance with the regulations in force as indicated in the information on the processing of personal data (Art. 12 of this call).
8. When filling out the online application, it is mandatory to indicate a preference for **at least one and at most two** of the activated curricula. For each chosen curriculum, it is necessary to prepare a Statement of Purpose (as per the subsequent point 12.E) to explain in detail the reasons for the choice, and a Research Proposal (as per the subsequent point 12.F). In case two curricula are chosen, **the order of priority must be indicated**, which will be taken into consideration during the assignment of scholarships (see subsequent Art. 5).
9. For **each** selected curriculum, the reserved topics scholarships (up to a maximum of 3) for which the candidate intends to apply must also be indicated **in a binding order of priority**. The oral exam will include an assessment of the specific skills required to obtain eligibility for the scholarships listed by the candidate.
10. The candidate may also declare their availability to be considered for the assignment of reserved topics scholarships in addition to those for which they have expressed a preference, should there be scholarships left unassigned due to a lack of interest from other candidates or if no one has been deemed eligible.
11. **The application is to be considered for all purposes of the law as a self-declaration of personal data and qualifications.**

12. MANDATORY ATTACHMENTS

⁵ More information at <https://www.unitn.it/en/phd-pagopa>.

(Failure to upload one or more mandatory attachments will result in automatic exclusion from the selection)⁶:

A. Identifying document (ID):

A copy of the applicant's valid **identity card** (*only EU citizens*) or **passport** (*non-EU citizens*), in particular of the pages reporting his/her photograph, personal data, number, place and date of issue, expiry date and signature;

B. Academic degree for admission to the PhD Programme:

- a. **Italian qualification: already obtained/to be obtained: a self-declaration**, (by using the form "[Declaration substituting Degree Certificate](#)"), in accordance with Presidential Decree art. 46 no. 445 of 28.12.2000 and subsequent amendments, declaring the possession of a degree, "Classe di Laurea", issuing University, award date and final grade (if already obtained) possible award date (if not), examinations taken, dates of successful passing, grades and credits awarded.

Graduates from the University of Trento may only declare the date of award OR foreseen date of award; other information can be collected ex officio;

- b. **foreign qualification⁷**

■ **already obtained:**

- a **certificate attesting to the possession of a second level university qualification** (see art. 2, paragraph 1, letter c), issued by the institution that awarded it. The certificate must indicate the type of diploma, the date it was awarded and the relevant grade;
- a **list of examinations taken to obtain the qualification to access a PhD Programme** (*academic transcript of records of the Master's degree*) with relevant credits (if provided for in the university system of the country that awarded the qualification), marks, and rating scale. If the university studies carried out abroad are divided into first and second level, the copy of the Bachelor's degree and the list of examinations taken to obtain that degree (*academic transcript of records of the Bachelor's degree*) must also be attached.

■ **to be obtained:**

- a **certificate of enrolment in a course of study that allows admission to a PhD Programme** (see art. 2 paragraph 1 letter c), with a list of the examinations successfully passed, credits (if provided for in the university system of the country that awarded the qualification) obtained in each examination, marks, rating scale (*academic transcript of records*) and the possible award date. If the university studies carried out abroad are divided into first and second level, the copy of the Bachelor's degree and the list of examinations taken to obtain that degree (*academic transcript of records of the Bachelor's degree*) must also be attached.

If the aforementioned documents are not in English, they must be accompanied by a translation in Italian or in English made provisionally by the applicant who takes responsibility for the accuracy of the translation and its compliance with the original text.

⁶ The list of candidates (identified by their ID #) who are not deemed eligible due to an incomplete application, will be published on the [University's web address](#)

⁷ It is in the interest of the participant to provide all the elements useful for assessment, especially if the country where the qualification was obtained has an education system that is not comparable with the Italian one. EU candidates who have obtained or will obtain their qualifications abroad may submit self-certification (as per facsimile in Annex A)

C. **Curriculum vitae et studiorum with a list of publications** (in Italian or English, preferably in [Europass format](#)). The CV must detail all previous and, if applicable, current training (upper secondary education diploma, degree, Master's degree, PhD, higher education or specialisation courses, etc.), any research skills acquired or other elements relevant to the subject of the call (e.g. any publications, participation in conferences, etc.);

D. **Abstract of the thesis in English** (Magistrale or *Master's degree*), including: reasons for the dissertation, methods of investigation, and results obtained (max. 3.000 characters including spaces); those who have not yet graduated may attach a [statement](#) with the data and contact details of the supervisor;

E. **Statement of Purpose in English** (max 3.000 characters, including spaces): **one for each chosen curriculum**, in which the candidate specifies the motivation(s) that lead him/her to undertake the PhD and the reason for choosing the PhD program in Space Science and Technology (max 3.000 characters including spaces) - with the identification of the research project chosen from among those proposed, referencing to the skills and experience acquired. If two curricula have been selected, it is necessary to explain the reasons in detail and thus submit two different letters of motivation;

F. **Research Proposal in English, one for each curriculum chosen**, which will be used for evaluation purposes only and will not be binding for the research activities that would eventually be carried out during the PhD. The proposal may cover a topic of the candidate's choice related to the foundational disciplines of the PhD Program in Space Science and Technology; it should be a maximum of two pages (max 4.000 characters, including spaces) divided into: "Background and Rationale" and "Objectives" of the project.

13. OPTIONAL ATTACHMENTS:

G. **Name of ONE referee**, expert in the research fields of the PhD Program, working at universities or national and international research institutions, with details of his/her e-mail addresses. Once the relevant section of the application has been completed and saved by the applicant, the system automatically sends (within 24 hours) to the referee an e-mail with instructions and forwarding method. The letter can be completed according to the model provided to the referee. Applicants are recommended to make sure that their referees submit the letter of presentation by **July 19th, 2024**.

H. **Other qualifications**, such as English language certifications, international tests (e.g., GRE or equivalent), and other documents useful in attesting the candidate's or applicant's aptitude for research;

I. **Copy of the first-level academic degree** (Bachelor's degree) and transcript;

L. **Copy of the title page** of the thesis containing the title of the thesis and the name of the thesis supervisor; candidates who have not yet obtained the title may attach a [statement](#) with the data and contact information of the thesis supervisor;

M. Applicants with a foreign qualification may attach:

- Academic Diploma of the Master's degree (Master of Science/Arts or equivalent), in its original language and

- Diploma Supplement⁸ (DS) drafted according to the form developed by the European Commission, the Council of Europe and UNESCO / CEPES;

alternatively

- Declaration of value⁹ which certifies that the educational qualification is valid in the country of issuance for admission to a PhD Program (third level of higher education according to the Bologna Process - European Higher Education Area; EQF level 8);

alternatively

- Statement of comparability of foreign university qualification¹⁰ issued by the ENIC-NARIC Center in Italy (CIMEA) that contains all the information necessary for the assessment of the qualification.

If the foreign academic qualification has **already been recognized as equivalent**¹¹ to a second cycle Italian qualification by the competent academic bodies of Italian universities, **the equivalence provision (Rectoral Decree)**.

14. If, once the application has been definitively closed, the applicant wishes to supplement his/her documentation, the additional material, accompanied by an explanatory note indicating the purpose of the material added/supplemented¹², must be sent **by the deadline of the call** (the last date for acceptance of the application) to the e-mail address ateneo@unitn.it (indicate in the subject line: "Application ID - Surname Name - National PhD in Space Science and Technology - 40th cycle - application supplement"). Integrations received by means other than the one described above will not be accepted.

15. Only documents (originals or copies) in English and Italian will be considered for the selection by the Selection Committee; for all other languages it is compulsory to attach a translation into English or Italian signed by the applicant. The mandatory attachments required at points D, E, and F **must** be submitted in English by all applicants.

Art. 4 – EVALUATION OF APPLICATIONS

1. The evaluation is made by a Selection Committee appointed by the Rector upon advice from the PhD Committee, in accordance with the University Regulations for PhD Programs. The Selection Committee sets the evaluation criteria during a preliminary meeting.

⁸ The Diploma Supplement accompanies a higher education diploma, providing an improvement in international "transparency" and a promotion of the academic and professional qualifications obtained (diploma, degrees, certificates, etc.). The Diploma Supplement must be issued by the same institution that issued the qualification. Further information can be found at the following websites: <http://www.cimea.it/en/servizi/il-sistema-italiano-di-istruzione-superiore/diploma-supplement.aspx> and http://ec.europa.eu/education/resources/diploma-supplement_en

⁹ Further information about DoV and equivalence can be found at the following website: <http://www.cimea.it/en/servizi/procedure-di-riconoscimento-dei-titoli/glossario.aspx>.

¹⁰ The University of Trento signed an agreement with the CIMEA Association about evaluating and verifying foreign titles through the online platform Diplome. Further information at <https://international.unitn.it/incoming/diploma-verification>.

¹¹ For further details please consult

<http://www.cimea.it/en/servizi/procedure-di-riconoscimento-dei-titoli/procedure-di-riconoscimento-accademico-dei-titoli.aspx>.

¹² Please check that the file names are correct and appropriate.



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2. The selection is aimed at ascertaining, comparatively, the preparation and aptitude of the candidates to carry out research activities concerning the topics of the PhD Course and the scholarship on reserved topics in the chosen curricula.

The selection consists of:

- the assessment of the qualifications referred to in the previous Art. 3 of the present call
- an interview, based on the criteria established in the following point 4 of the present Article.

3. The Committee will assess eligibility for reserved topic scholarships for which the candidate has declared a preference, based on the documentation (research project) submitted in the application or subsequent supplement.

4. The Committee can award a maximum of 100 points, as follows.

a) **all the mandatory applicant's qualifications (max 60 pts)**, as listed previously in art. 3. Specifically, the committee will award the following scores:

- evaluation of Curriculum Vitae and Course of study (points B, C e D of the mandatory attachments to the application): **maximum 25 points**.
- evaluation of the Research Proposal and Statement of Purpose (referred to in points E and F of the mandatory attachments to the application): **maximum 35 points**.

Applicants who score **no less than 35/60 points** in the above evaluation will be admitted to the interview.

b) **Interview and (if applicable) letter of reference (max 40 pts)**: the interview is conducted in English **via internet** and will focus on a discussion of the qualifications submitted (points B, C and D of the qualifications attached to the application), the Research Proposal and the Statement of Purpose (referred to in points E and F of the qualifications attached to the application). The presentation by the candidate of the above may also take place, at his/her discretion, **through the use of video-shared slides**. For each of the research topics put forward in the call for applications, the Committee may invite experts with proven expertise in the field to take part in the interview, including those belonging to the PhD Committee.

During the interview, the Committee will ascertain the possession of the basic disciplinary knowledge required to attend the PhD course and evaluate the candidate's suitability with respect to each of the scholarships for which the candidate expressed interest in the application.

The Selection Committee will evaluate the interview by awarding a maximum score of 40 points. Applicants who score **less than 25/40 points** in the interview will be excluded from the final list.

4. The selection will take place with the following schedule:

- titles evaluation: starting from **July 22th, 2024**;
- interviews: starting from **July 29th, 2024**

All outcomes (intermediate and final) will be published at the [application website](#)¹³.

¹³ The results will be linked to the application ID, through which each candidate can identify itself.

5. The interview will be conducted online through the use of audio-video connection tools which allow:

- the correct identification of the participants (through a webcam);
- the interview to be done in public form.

The interviews' starting time will be set by the Committee.

The date and time at which the interviews will be held will be announced before they take place by means of a notice published on the [application website](#).

The University declines all responsibility in case of technical difficulties that might prevent the interviews from being conducted correctly.

Any changes to the date of the interviews will be published exclusively on the [same website](#).

In order to facilitate identification formalities, candidates must show the same identity document attached to the application form in order to undergo the interview.

Absence or failure to log in for any reason whatsoever, unavailability on the scheduled day or at the scheduled time, or failure to provide identification documents, are grounds for disqualification from the selection procedure.

Art. 5 - RANKINGS

1. Upon completion of the evaluation work, the Committee compiles for each curriculum an overall merit ranking.

2 The available positions are assigned to short-listed applicants according to:

- a. the position in the **overall** ranking list;
- b. for reserved topics scholarships, following the order of priority and **the order of the ranking list considering specific eligibility**;
- c. in the event of a tie, the provisions of Article 6 below apply.

3. Failure to award the reserved topics scholarships will imply a decrease in the number of positions offered in the call for applications.

4. If the candidate appears in the ranking lists of two curricula, he/she will be required to accept the position related to the scholarship theme belonging to the curriculum indicated as priority in the online application and will be removed from the ranking list of the other curriculum.

If the candidate is the winner for a reserved topics scholarship position on the curriculum indicated as secondary and accepts the scholarship, he/she will not be considered in the possible ranking for the curriculum indicated as prioritised as he/she is already on the other ranking list.

In the event of eligibility on two rankings, the candidate may be offered a reserved topics scholarship position on any of the two curricula, if available after the rankings have been short-listed, regardless of the priorities expressed. The candidate will be requested to accept the position and will be removed from the ranking list for the other curriculum.

5. Results will be available on the selection's webpage and on the University Notice Board. **The publication on the website is to all intents and purposes valid as official notification.**

Art. 6 - ADMISSION TO THE PHD PROGRAM AND ACCEPTANCE OF THE OFFER

1. Short-listed applicants are admitted to the PhD Program based on the final ranking list until the available positions have been filled. All applicants compete for the award of the funded reserved scholarships; applicants who have been awarded a scholarship on a specific reserved topic must accept it. **Renunciation of the scholarship awarded according to the single or priority curriculum ranking described in Art. 5 will result in the forfeiture of the right to admission.**

2. Should two applicants obtain the same score, regarding the award of the scholarship, the applicants' economic situations shall be the deciding factor, in accordance with the criteria established by the Italian Prime Minister's Decree of 09.04.2001 and subsequent amendments and integrations. As for positions without scholarship, the younger of the two applicants will be selected.

3. Winners will have to confirm acceptance of the position, using the appropriate online procedure [Instructions available [on the website](#)]

- **within 8 days** from the day following the day of the final ranking publication if awarded a **scholarship position**;

- **within 14 days** from the day following the day of the final ranking publication if awarded a **NON-scholarship position**.

N.B.! Admitted applicants with a qualification that has not been awarded in Italy must deliver (if they had not already done so during the application phase – “Application procedure”) the PhD Office S&T (sending them in advance by email: phd.office-st@unitn.it) by **November 8th**:

- *academic diploma of the Master's degree* (Master of Science/Arts or equivalent) in the original or certified copy, together with the Academic transcript of records, possible official translations¹⁴, legalised¹⁵ or with an “apostille” affixed (please carefully verify the fulfillment of the requirements set by the issuing country of the title).
- *Diploma Supplement* (if provided for by the university where the title was issued, it is commonly used within the member countries of the European Higher Education Area (EHEA)); alternatively
- *Declaration of Value* issued by the Italian diplomatic or consular representations country of origin of the institution that awarded the title alternatively
- *Statement of comparability* of foreign university qualifications issued by the ENIC-NARIC Center (CIMEA in Italy) that contains all the information necessary for the assessment of the qualification. For the issuance of ENIC-NARIC certificates, the University of Trento has activated a partnership with CIMEA (<https://international.unitn.it/incoming/diploma-verification>).

In case the Diploma Supplement, or the Declaration of Value, or the Statement of comparability are not available by the on the date indicated above, admitted applicants must deliver a document showing that they asked the University; or the Italian diplomatic or consular representations; or the ENIC-NARIC center for the documents to be issued.

Admission to the Ph.D. Program for successful applicants who do not provide the required above-mentioned documents **by November 8th, 2024** will be “conditional” and the applicants will lose their right to continue the PhD Program if:

- they do not deliver the documents within 6 months from the starting date of the Program;
- following verification, the title submitted does not comply with the criteria set out in Art. 2 of this call for applications.

In the case of loss of student status, the applicant must return the scholarship installments which might have been received.

¹⁴ See <https://www.esteri.it/en/servizi-consolari-e-visti/italiani-all-estero/traduzione-e-legalizzazione-documenti/>

¹⁵ See <https://www.studiare-in-italia.it/studying/info-13.html>

4. The acceptance of the position must be accompanied by the stamp duty and the receipt of payment of the "Provincial Tax for the Right to University Studies" - TDS¹⁶, except in the case of exemption. To date, there are no fees charged to PhD students for access to courses and attendance, with the exception of the aforementioned annual provincial tax for the right to study (TDS).

5. Failure to accept the position within the above-mentioned time limit shall be deemed a renunciation and the corresponding positions shall be made available to the next eligible candidates in the order of the corresponding ranking.

The procedure for the ranking lists will conclude in accordance with the deadline set by the Ministry for the submission of the necessary documentation to verify eligibility for the support as per DM 629/2024 and 630/2024.

6. In the event of **renunciation** or **exclusion** of the eligible candidate **before the beginning of the course** (*November 1st, 2024*), the position shall be taken by the next candidate or candidate according to the order of the relevant ranking and taking into account the specific eligibility. Said candidate or applicant must accept the position **within 4 days** starting from the day after the communication is sent by the PhD Course Support and Higher Education Division - Polo Collina.

7. In the event of **renunciation** or **exclusion** of an enrolled student, **in the first term of the first year of the course**, the PhD Committee is entitled to assess the advisability of proceeding with a replacement following the order and any specific suitability of the relevant ranking.

8. Upon the closure of the enrolments, the doctoral candidates must inform by e-mail (dn_sst@unitn.it) the Secretariat of the Doctoral Course of the precise date of their arrival at their own operational site. In the event that for proven reasons he/she cannot be at his/her place of operational site for the beginning of the academic year, the PhD student must give timely and documented notice by e-mail (dn_sst@unitn.it) by **November 8th, 2024** at the latest, under penalty of exclusion from the Course. In the event of failure to notify or to arrive at the operational site by the above-mentioned dates, the PhD student shall be deemed to have withdrawn.

Art. 7 - PHD COURSE ENROLMENT

1. The enrolment in the PhD Course of those who have accepted the position, in the aforementioned modalities, will be automatically formalised as soon as the Ministry informs the University of the accreditation of the PhD Courses for the academic year 2024/2025 and of the NRRP scholarships awarded. In the event of non-confirmation of accreditation and should the ministerial funding not be granted, candidates and applicants who have accepted the position will be promptly notified by email and the Right to Study Fee (TDS) will be refunded.

2. To finalise the enrolment process, those who have obtained their qualifications abroad, upon arrival in Italy, are required to present the official documents (in original or certified copy), relating to the academic course, already scanned during the admission to the selection phase or during the position confirmation stage, to allow the appropriate assessment of the validity of the titles, also through the national information centres for the recognition of foreign titles belonging to the ENIC-NARIC network. Until then, candidates are admitted to the course subject to reservations and may be excluded if they do not meet the requirements.

¹⁶ The total amount of the TDS and stamp duty must be paid in one lump sum by following the instructions on the page: <https://www.unitn.it/en/ateneo/1931/education-tax-tds-and-stamp-duty>. On the same page you can check the cases of exemption from the TDS.

3. Foreign candidates who need a visa for “postgraduate study” must first access the [UNIVERSITALY](#) portal and complete the relevant “pre-enrollment application”, which must then be digitally validated and presented to the Italian Representation in their place of residence.

Art. 8 - SUPERNUMERARY ADMISSION

1. In accordance with Article 18, paragraph 3 of the University Regulation on PhDs and within the maximum limit of the positions indicated in Article 1 of this notice (no more than no. 3), candidates who fall within one of the following categories may be admitted or admitted in supernumerary, without a University scholarship, subject to their successful participation in the admission tests and within the limits of the quota indicated in the call for applications:

- a. foreign nationals, eligible and eligible in the general merit list, who are the recipients of scholarships of any kind granted;
- b. foreign nationals from countries with which there is a specific intergovernmental agreement followed by a specific convention with the University, without any compulsory financial charge for the latter;
- c. holders of research grants on the date of commencement of the PhD course, the duration of which is expected to last no less than twenty-four months, subject to verification of the congruity of the research topic with the PhD programme by the PhD Committee;
- d. public employees or those working under public law. Admission is subject to placement on leave or extraordinary leave, as per Article 2 of Law 476/1984 and subsequent amendments.

2. Those wishing to claim their eligibility for supernumerary admission must request it **within 8 days** of the publication of the ranking list by submitting suitable documentation proving their status by e-mail to phd.office-st@unitn.it. Supernumerary enrolment is arranged within the maximum limit of the positions indicated in Art. 1 according to the order of the relevant ranking list.

3. Upon verification of the documents referred to in paragraph 2 above, those admitted and those admitted in supernumerary numbers will receive an email from the Science & Technology - PhD Office and must enrol by the deadline indicated in the text of the email.

4. Students selected by special committees for specific international programmes in which the University of Trento participates are also admitted on a supernumerary basis, on top of the quota indicated in Art. 1.

Art. 9 – RE-EXAMINATION PROCEDURE

1. In the event that, after the admission deadline of the call, new NRRP resources become available for additional scholarships under the DD.MM. 629 and 630, the University may conduct a re-examination procedure on the final merit rankings. In this case, eligible, non-winners candidates will be notified, by internal notice, and invited to express their interest in the newly available reserved topics scholarships.

Art. 10 – INTELLECTUAL PROPERTY RIGHTS ON RESEARCH RESULTS AND PUBLICATIONS

1. Without prejudice to the Italian law on copyright (legislative decree 633/1941 and subsequent amendments), intellectual and industrial property rights on the results eventually achieved by the student, including (but not limited to) software, industrial inventions patentable or not, know-how, models, data and data collection, are regulated in accordance with applicable laws and University

regulations and, if necessary, according to the provisions in the individual agreements with universities, companies or entities involved¹⁷.

2. Before the start of the research activity, the PhD student is required to sign a specific declaration of commitment to confidentiality in relation to the information, data and documents of a confidential nature that he / she may become aware of in carrying out his / her activity at and / or on behalf of the University. Each doctoral student is also required to sign a declaration stating that intellectual property rights are owned by the University of Trento, thus being aware of the relevant legislation and University Regulations on intellectual property. Each doctoral student may be required to sign a Confidentiality Agreement with the funding body in the case that his/her doctoral position is not funded by the University of Trento.

Art. 11 - COMPATIBILITIES AND INCOMPATIBILITIES

Admission to the PhD Program entails an exclusive, full-time commitment.

The regimes of compatibilities and incompatibilities with attendance at PhD courses are governed by Article 24 of the [University Regulations on PhD Programs](#), to which reference is made.

ART. 12 - PROCESSING OF PERSONAL DATA

Pursuant to art. 13 of Regulation (EU) 2016/679 (General Data Protection Regulation), the University of Trento intends to provide candidates for this selection (hereinafter referred to as 'interested parties') with the following information.

1. Data controller.

1.1 The Data controller is the **University of Trento**, via Calepina n. 14, 38122 Trento (TN); email: ateneo@pec.unitn.it; ateneo@unitn.it.

1.2 For the activation of the National PhD Course in "Space Science and Technology2, cycle 38- The Data Controller has signed a special agreement with third party Entities pursuant to Article 3, paragraph 2 of Ministerial Decree of the Ministry of University and Research no. 226 of 14.12.2021. Some of these Entities, the list of which is available upon specific request of the interested party, are Co-Processors and will process personal data in accordance with this information notice, in agreement with the Controller, for the pursuit of the purposes necessary for the activation and operation of the Doctoral Course. Other entities that are not Joint Data Controllers shall process the data as autonomous Data Controllers.

2. Contact details of the Data Protection Officer

The **Data Protection Officer (DPO)** of the Controller whom you may contact for information concerning your personal data may be contacted at the following email address: rpd@unitn.it.

The contact details of the DPOs of the Data Controllers may be requested directly from the individual Data Controllers by writing to the appropriate contact point phd.office-st@unitn.it.

3. Purpose of the processing and legal basis

¹⁷ See: <https://www.unitn.it/en/ricerca/1767/protection-and-valorization-of-intellectual-property>

The Controller and the Joint Data Controllers process personal data in the context of the performance of their public interest tasks and, in particular, for the purposes of carrying out this selection procedure and fulfilling the related legal obligations (Art. 6(1)(e) and (c); Art. 9(2)(g) of the GDPR).

4. Nature of data provision

The provision of personal data is essential for participation in this procedure and failure to provide such data will make it impossible to take part. The provision of particular data relating to health (for candidates with disabilities) is optional, but failure to provide it will result in the impossibility of accessing the requested support tools.

5. Processing methods

Personal data are processed in hard copy, computerised and/or telematic format by staff authorised to process data in relation to the tasks and duties assigned and in compliance with the principles of lawfulness, correctness, transparency, appropriateness, relevance, non excessiveness and confidentiality (Art. 5(1) GDPR). No profiling or automated decisions are made.

6. Categories of recipients

In fulfilment of the obligations set out in the Agreement with Third Party Entities pursuant to Article 3, paragraph 2 of Ministerial Decree of the Ministry for Universities and Research no. 226 of 14.12.2021, the data will be shared between the Data Controller and the Joint Holders for the pursuit of the purposes indicated above and, also, communicated to Third Party Entities (not Joint Holders) which will process the data as autonomous data controllers.

Personal data may also be communicated, in addition to University staff, to other public and private entities for the pursuit of the purposes indicated above, including any financing entities in relation to the funded grants. Personal data may also be communicated to third parties in the event of the fulfilment of a legal obligation and/or an order by a judicial authority.

7. Transfer to non-EU countries

If, within the scope of the purposes indicated above, personal data are transferred to non-EU countries, the transfer will be carried out within the limits and under the conditions set out in articles 44 et seq. of the GDPR.

8. Period of data retention

Personal data shall be kept for the period necessary for the performance of this procedure and in any case for the time required to fulfil legal obligations. In any case, they shall be kept for the time established by current legislation and/or the University regulations on the management and storage of the documentation produced by the University in the performance of its institutional activities.

9. Rights of the interested parties

Data subjects may at any time exercise with the Data Controller the rights enshrined in Articles 15 et seq. of the GDPR and, in particular, access to their personal data, rectification, integration and, if the legal requirements are met, deletion, restriction as well as the right to object to processing; at the contacts indicated above.

In addition to this, without prejudice to the right of data subjects to exercise their rights as set out in Articles 15-22 with regard to all Data Controllers, the data subject may at any time forward their requests to exercise their rights also to the email address: phd.office-st@unitn.it.

Data subjects who believe that their data is being processed in breach of the GDPR have the right under Article 77 of the GDPR to lodge a complaint with the Data Protection Authority or to take appropriate legal action.



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Art. 13 - REFERRAL RULES

1. For matters not explicitly mentioned in the present call, refer to Law no. 398 of 1989.11.30,, art. 4 of Law no. 210 of 1998.07.03 as amended by art.19, par. 1, of the Law no. 240 of 2010.12.30,, to Ministerial Decree no. 226 of 2021.12.14.1, to Ministerial Decree no. 352 of 2022.04.09 and to the University Regulations for Phd Programs issued by Rector's Decree no. 250 of 11.03.2022, to the Code of Ethics of the University of Trento, to the Students' Honour Code, to the [Internal Regulations in force of the PhD Programs](#), and to the other relevant provisions contained in the current legislation.
2. This call, accompanied by its translation into English, is published on the University website, on the website of the Italian Ministry of Education and on Euraxess.
3. Any changes or additions to the call will be made available on the selection website.
4. The person responsible for the administrative procedure is the Head of the Education and Student Services Department at the University _____ of _____ Trento.
The reference office is the Division for Support of PhD and Higher Education Courses - Polo Collina; email: phd.office-st@unitn.it
The selection committee is responsible for the candidate selection process, from the evaluation of qualifications to the interview, the drafting of the minutes, and the formulation of the merit rankings.

On behalf of

The Rector

The Head of Education and Student Services

dott. Paolo Zanei