



**UNIVERSITÀ
DI TRENTO**

**Call for Doctoral positions on the
PhD Programme in
INFORMATION ENGINEERING AND COMPUTER SCIENCE
37th Cycle – Second Call**

Academic Year 2021/2022

N.B. Please note that only the Italian version of the present call issued with Rector's Decree no. 595 of 16.07.2021 is legally binding; the English version is provided for information only

Art. 1 – SUBJECT OF THE CALL

The University of Trento opens the call for positions for the 37th Cycle (Academic Year 2021/2022) of the PhD Programme in Information Engineering and Computer Science.

Positions: no. 23

Scholarships: no. 23 (of which no. 15 on reserved topics)

Positions reserved to applicants who are granted scholarships by foreign countries no. 1 (see art. 6 of the present call)

The numbers of positions and scholarships available in this second call are as follows:

Research area A: <ul style="list-style-type: none"> • Deep and Structured Machine Learning • Language Speech and Interaction 	No.	Topics of reserved scholarships
Fondazione Bruno Kessler	4	A1 - AI at the edge: end-to-end neural networks for audio processing on IoT devices A2 - Deep continual learning under scarce supervision A3 - Distributed embedded AI for energy-efficient smart sensing in IoT A4 - Flexibility and Robustness in Speech Translation
No. of positions	4	
Supernumerary position (see art. 8)	1	

Research area B: <ul style="list-style-type: none"> • Cyber Security • Embedded Intelligence and Robotics Systems • Next Generation Networks • Systems and Networks 	No.	Topics of reserved scholarships
MUR – Dipartimenti di Eccellenza	2	
University of Trento	2	
Department of Information Engineering and Computer Science	3	B1 - Music and Artificial Intelligence B2 / B3- Music in Augmented and Virtual Reality
Fondazione Bruno Kessler	1	B4- Multi-objective optimization methods to support one-click deployments of EdgeAI application flows
TIM S.p.A.	1	B5 - Functional modules for O-RAN architecture
No. of positions	9	

Research area C: <ul style="list-style-type: none"> • Data Intelligence • Social Informatics • Software Engineering and Formal Methods 	No.	Topics of reserved scholarships
University of Trento	3	
Fondazione Bruno Kessler	2	C1 - Computational models for understanding and changing human behaviors C2 - Engineering Game-based Motivational Digital System for Personalized and Cooperative Learning
No. of positions	5	

Research area D: • Remote and Distributed Sensing • Signal Processing and Recognition	No.	Topics of reserved scholarships
University of Trento	1	
Accademia Europea di Bolzano (EURAC Research)	1	D1 - Snow cover detection and glacier mass balance estimation with machine learning methods and multi-source satellite data
Fondazione Bruno Kessler	1	D2 - Advanced methodologies for radar and radar sounder image processing
Department of Information Engineering and Computer Science	2	D3 - Development of techniques based on machine learning and signal processing for the design and data analysis of planetary radars D4 - Development of methodologies based on artificial intelligence and machine learning for the automatic analysis of remote sensing images
No. of positions	5	
Positions reserved to applicants who are granted scholarships by foreign countries	1	

The scholarships for specific research topics (reserved scholarships) are conditional on execution of a particular research topic for which specific skills are required. They can only be assigned to those applicants who make a specific request. Applicants interested in one or more of these scholarships must carefully check the topic, the requirements and if the scholarship is conditional on acceptance of confidentiality and/or assignment and transfer of results as listed at: <https://iecs.unitn.it/education/admission/reserved-topic-scholarships>

The positions with scholarships or other financial support may be increased after the publication of this call and no later than the opening date of the reserved application procedure. All the new positions available will be posted solely on the [selection website](#).

Moreover, may also be admitted to the 37th Cycle in additional positions, applicants selected by special committees for admission related to specific international mobility programmes in which the University of Trento participates,.

Deadline for application: August 31st, 2021, hrs. 04.00 (all times indicated in the present call must be understood as Italian time)

Duration: Three years

Start of the Academic Year: November 1st, 2021

Official language: English

Selection webpage: [PhD Programme in Information Engineering and Computer Science](#)

PhD School website: <https://iecs.unitn.it/> (information on the programme, admission to subsequent years and to the final examination)

➤ [Rights and duties of doctoral students](#)

➤ [Info about doctoral scholarships](#)

Scientific areas (with reference to the Italian Ministerial classification)

Settori scientifico–disciplinari

Curriculum 1: Computer Science:

- ING-IND/35 Management Engineering
- INF/01 Computer science
- ING-INF/01 Electronics

- ING-INF/05 Information Processing and Computer Engineering

Curriculum 2: Telecommunications:

- ING-INF/02 Electromagnetic Fields
- ING-INF/03 Telecommunication
- ING-INF/06 Electronics and Computer Bioengineering

N.B.

- a. The dates of the selection and all selection results (interim and final), the possible exclusion from the selection due to an incomplete application (art. 3), the exclusion for foreign qualification not recognized as eligible (art. 2), and any notices related to the call will be published only on the [call webpage](#); the applicants **will be identified through the application ID therefore it is recommended to keep it safe**. The publication on the website is to all intents and purposes valid as official notification.
- b. Without exception, all possible communication from the University of Trento to applicants will be managed via e-mail to the email address specified in the online application (section "email address for notification"). Candidates are advised to check their mail box regularly and keep the Doctorate Office S&T (phd.office-st@unitn.it) promptly informed of any changes in their email address.
- c. Due to the unpredictable Covid-19 health emergency situation, during the first semester of the academic year 2021/22 in order not to stop teaching and research doctoral activities, the same could be given both in person and remotely.

Art. 2 – ADMISSION REQUIREMENTS

1. Applications for doctoral positions are accepted from applicants, regardless of gender, age and nationality, who hold:
 - a. an Italian "Laurea Magistrale" or "Laurea Specialistica", according to the Ministerial Decree no. 509 of 03.11.1999, subsequently amended by Ministerial Decree no. 270 of 22.10.2004;
 - or
 - b. a university degree obtained at an Italian Institution belonging to the AFAM system (Alta Formazione Artistica e Musicale);
 - or
 - c. an equivalent foreign degree (*Master's degree*) obtained at an officially recognized academic institution, valid for admission to PhD studies in the Country 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 Programme².
2. Applications are also accepted from students expected to obtain the necessary degree **by October 31st, 2021**. Admission to the Doctoral Programme for successful applicants who have not yet graduated will be "conditional" and the applicant will have to submit to the Doctorate Office S&T (via email to: phd.office-st@unitn.it) **by November 8th, 2021**, on penalty of exclusion, the certificate awarded or a self-declaration (using Annex A).
3. If the foreign academic qualification has already been recognized as **equivalent³** to a second cycle Italian qualification by the competent academic bodies of Italian universities, the **equivalence provision (Rectoral Decree)** must be attached in the appropriate section of the online application.
4. Applicants with a foreign qualification that has not been officially recognised as equivalent to an 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 comparable to the Italian one.

¹ The eligibility of foreign academic degrees is assessed by the Selection Committee, following the rules in force or the international treaties or recognition of academic qualifications.

² Details at: <http://www.cimea.it/en/servizi/il-sistema-italiano-di-istruzione-superiore/qualifiche-del-sistema-universitario.aspx>

³ For further information see at <http://www.cimea.it/en/servizi/procedure-di-riconoscimento-dei-titoli/procedure-di-riconoscimento-accademico-dei-titoli.aspx> - Point 3) "Nostrification procedure (equipollenza)"

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

5. Applicants who have already obtained the PhD degree will be admitted to attend a second PhD Programme, after passing the selection procedure, provided that the prevailing subjects and scientific areas are different from those relating to the previous Doctorate degree. Applicants who have already benefited from a scholarship, even partially, cannot be assigned any scholarships in the new PhD Programme.

Art. 3 – APPLICATION PROCEDURE

1. The application must be **completed and submitted by hrs. 04.00 p.m. Italian time of August 31st, 2021, exclusively through the online system:** <https://www.unitn.it/en/apply/dott>. Applicants who do not have an account at the University of Trento must register⁴ in advance at: <https://webapps.unitn.it/Registration/en/Home>
2. To finalize the application a non-refundable **application fee of € 15** (fifteen) is required, to be paid by credit card⁵ according to the instructions given in the appropriate section of the online application. The application online can be saved and modified several times until the final submission. Thereafter it can no longer be changed.
3. **The online application is considered to be a self-declaration of personal data and qualifications with full legal effect.** It is the sole responsibility of the applicant to make sure that the online application has been successfully submitted and an email notification has been received. There will be no liability with the University in the event that an application is not submitted correctly.
When filling out the online application form, applicants must choose only one Research Area in which they are interested, specifying it in the “Research area choice” Section. Within that area they may choose up to a maximum of 2 scholarships on reserved topics.
Applicants interested in applying also for reserved scholarships as listed in art. 1 (max 2 within the same Research Area) must specify them in the online application. Applicants must express their interest for reserved scholarships that will be made available after the opening of the present call (additional scholarships), application modalities will be available on the selection webpage.
Important: the candidate’s choice to compete also for the reserved scholarships implies a preference on his/her part for the awarding of that specific scholarship over the others.
4. **MANDATORY ATTACHMENTS** (failure to upload one or more mandatory attachments will result in automatic exclusion from the selection)
 - 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. copy of the **Academic degree for admission to PhD:**
 - a. **Italian qualification:**
 - **already obtained/to be obtained: a self-declaration**, in accordance with Presidential Decree art. 46 no. 445 of 28.12.2000 and subsequent amendments, declaring **the possession of a degree (art. 2 of this Call), issuing University “Classe di Laurea”, award date and final grade, examinations taken, grades and credits obtained, by using Annex A** (at the end of this call and on the call website); graduates or future graduates from the University of Trento may only declare the place and the date of award as the other information can be collected ex officio;
 - **to be obtained:** a self-declaration, in accordance with Presidential Decree art. 46 no. 445 of 28.12.2000 and subsequent amendments, declaring the issuing University, “Classe di Laurea”, examinations taken, grades and credits obtained, the possible award date, by **using Annex A;**

⁴ Applicants are advised to register well in advance of the deadline because the issue of the username and password (sent via email), necessary to enter UNITN’s online services, may require up to 2 working days.

⁵ The accepted payment circuits are: Visa (e.g. Nexi/Cartasi, Postepay), V-pay, Maestro, MasterCard, NexiPay, MasterPass Wallet.

future graduate of the University of Trento may only declare the place and the foreseen date of award as the other information can be collected ex officio;

b. foreign qualification⁶:

• **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 relative grade;
- a **list of exams taken to obtain the qualification to access the Doctorate programme** (*academic transcript of records of the Master's degree*) with relative 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 Bachelor's degree and the list of examinations taken to obtain that degree (*academic transcript of records of the Bachelor's degree*) should 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.

• **to be obtained:**

- a **certificate of enrolment in a course of study that allows admission to Doctorate programmes** (see art. 2 paragraph 1 letter c), with a list of the examinations successfully passed, credits obtained in each examination (if provided for in the university system of the country that awarded the qualification), marks and 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 Bachelor's degree and the list of examinations taken to obtain that degree (*academic transcript of records of the Bachelor's degree*) should 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.

- C. **Curriculum vitae et studiorum** in Italian or English, preferably according to the [Europass model](#). All academic degrees held and any university enrolments in progress must be specified in detail (please specify also the High School diploma details); possible list of publications. Please do not attach the entire publications, the Selection Committee will evaluate only the list.
- D. **Statement of purpose:** a short statement in English (maximum 5000 characters, spaces included, template is downloadable from the online application) highlighting: reasons for the applicant's interest in attending the doctoral programme in Information Engineering and Computer Science; specific research interests relevant to the research area selected; any experience gained during the preparation of the degree thesis relevant to the research area selected. For each selected Research Area a different motivation letter (*Statement of purpose*) must be submitted. This text may optionally include a link (and the access credentials, if necessary) forwarding to a video (1-2 minutes) in which the applicant describes his/her goals and research interests (please upload the video, not to the Application website but to an on-line service, and provide only the link and credentials).
- E. **English level certification** (TOEFL, Proficiency or others) with minimum level B2 according to CEFR Common European Framework of Reference, if the applicant is not a native English speaker. Applicants who are native speakers of English must attach a declaration to this effect.

Documentation of titles equivalent to native speakers or B2 certification:

- those who have attended a course of study (L and / or LM; Bachelor's and / or Master's Degree) entirely in English must enclose a declaration proving that the teaching of the University Course was provided in English, indicating also the University web site where the official language of the course is specified.

⁶ It is in the interest of the applicant to provide all information relevant for the assessment, especially if the country where the qualification was obtained has an education system not comparable to the Italian one.

- in the absence of the requisite certificates / requirements, it is possible to attach a declaration⁷ issued by the organization where the candidate worked attesting at least two years of international work experience, full-time or equivalent, in an organization that performs its functions in English. Considering the current medical emergency, those who cannot produce a valid certification and do not fall under the exceptions listed in the online application are allowed to upload a declaration stating their own B2 level in English. Admission to the Doctoral programme for successful applicants who have submitted a declaration will be conditional. The applicant will have to submit a valid English level certification with minimum level B2 to the Secretariat of the PhD Programme in Information and Communication Technology (email: <https://iecs.unitn.it/>) by October 31, 2021, on penalty of exclusion.

- F. **A brief research project: only for applicants who intend to compete for the scholarships relative to the topics specified in article 1 of the present call (reserved scholarships):** a single file in English with a short research project for each specific topic which the applicant wishes to undertake (based on the template downloadable from the online application). Applicants who intend to compete for the scholarships relative to the topics specified in article 1 of the present call must state this intention and furnish a description of the project(s) in the application for admission. The Research project description must be different from the Statement of purpose;

6. OPTIONAL ATTACHMENTS:

- A. the certification of GRE test (Graduate Record Examination) if any;
- B. any additional qualifications useful for assessing the applicant's attitude towards research (Master's thesis, scientific publications, any documents regarding awards, post-graduate studying and research activities, language certifications, scholarships, etc., which will also be taken into consideration with regard to art. 8 of this Call);
- C. copy of the first-level academic degree (Bachelor's degree) and transcript;
- D. referees: up to three (3) names of referees with details of their 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 must be completed according to the model that will be sent to the referee. Applicants are recommended to make sure that their referees submit the letter of presentation by **September 5th 2021**.
- E. Applicants with a **foreign qualification** may attach:
 - **Academic diploma of the Master degree** (Master of Science/Arts or equivalent), in its original language
 - **Diploma Supplement (DS)**⁸ (drafted according to the form developed by the European Commission, the Council of Europe and UNESCO/CEPES);

alternatively

- **Declaration of value**⁹ which certifies that the educational qualification is valid in the country of issuance for admission to a Doctoral programme (third level of higher education according to the Bologna Process - European Higher Education Area; EQF level 8);

alternatively

- **Statement of comparability of foreign university qualification**¹⁰ issued by the ENIC-NARIC Center in Italy (CIMEA) that contains all the information necessary for the assessment of the qualification.

⁷ A self-declaration, in accordance with Presidential Decree no. 445 of 28.12.2000 and subsequent amendments, can be attached only by EU citizens.

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

¹⁰ Further information about Statements of comparability and qualifications certification: <http://www.cimea.it/en/servizi/attestati-di-comparabilita-e-certificazione-dei-titoli/attestati-comparabilita-certificazione-titoli-overview.aspx>

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)** must be attached in the appropriate section of the online application.

7. The University will accept additional documents to be included in the application submitted if sent by email to ateneo@unitn.it (**Subject:** "Application ID number- candidate's Surname and Name - PhD in Information Engineering and Computer Science – Second call, 37th cycle - Supplement to application") **by August 31st, 2021 at 4:00 p.m. Italian time.** Additional documents submitted by other means will be disregarded.
8. Only documents, originals or copies, in English and Italian will be taken into consideration 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 C, D and F must be submitted only in English.
9. All applicants are admitted to the selection procedure **conditionally upon ascertainment that they fulfill the admission requirements (art. 2).** The University of Trento has the right to verify the documents delivered pursuant to articles 71 et seq. of the Presidential Decree no. 445 of 28.12.2000. **The University can at any time, even after enrolment and upon justified reasons, decide the exclusion of candidates lacking the requirements specified in the present call.**
10. According to Italian Law no. 104/92, Art. 20 and to Italian Law no. 68/99, Art. 16 (1), applicants with special needs or with learning disabilities may explicitly request in their application special assistance or extra time during the examinations, in accordance with their disability. In this case personal data will be processed in compliance with the current law as indicated in the GDPR Privacy notice.

Art. 4 – EVALUATION OF APPLICATIONS

1. The evaluation is made by a Selection Committee appointed by the Rector upon advice from the Doctoral Committee, in accordance with the University doctoral regulations. The Selection Committee sets the evaluation criteria during a preliminary meeting.
2. The selection procedure is designed to ensure, comparatively, the knowledge and aptitude of the applicants in regard to research in areas related to the PhD program and the chosen Research Area. The selection is made on the basis of assessment of the applicant's qualifications according to art. 3. The Admissions Committee may contact the applicant for an in-depth interview or a video-interview concerning the material submitted. This interview will not entail additional points.
3. Competences on the specific subjects of the reserved scholarships or fellowships will be assessed during the evaluation process by the Admissions Committee based on the research projects submitted. The Admissions Committee will award a maximum of 100 points. Assessment of qualifications will be passed with a minimum score of 70/100.
4. The date of the assessment of qualifications will be published on the selection website at least 20 days in advance.

Art. 5– RANKINGS

1. At the end of the selection procedure, the Selection Committee draws up one ranking list for each Research Area.
For positions reserved to applicants who are granted scholarships by foreign countries separate ranking lists will be drawn up.
2. Positions with or without scholarship are assigned to short-listed applicants according to:
 - a) the position in the ranking;
 - b) for reserved scholarships, the applicant's eligibility for that specific scholarship.In case of equal score see following art. 7.

¹¹ Details at <http://www.cimea.it/en/servizi/pil-sistema-italiano-di-istruzione-superiore/qualifiche-del-sistema-universitario.aspx>

3. Non-allocated scholarships on reserved topics will result in the reduction of the number of positions available.

Art. 6 - POSITIONS RESERVED TO APPLICANTS WHO ARE GRANTED SCHOLARSHIPS BY FOREIGN COUNTRIES

1. Applicants who have been awarded a scholarship funded by foreign countries can choose to compete for the places reserved for them within the Research Area of their interest only.
2. When completing the online application for admission, they must choose the item "*Reserved positions for scholarships from foreign countries*" and attach, in addition to the documents indicated in the previous art. 3 of this call for applications, a declaration stating the ownership of the scholarship awarded by the country of origin specifying the coverage period and the amount received annually (minimum amount equal to the amount of the amount of the doctoral scholarship of the University of Trento as indicated at the link <https://www.unitn.it/en/servizi/1937/doctoral-scholarships>) or copy of the application submitted to the competent authorities for the assignment of the scholarship.
3. The selection for places reserved for applicants who have been awarded a scholarship by foreign countries will be made in the same manner and on the same dates as the selection for the other positions.
4. For reserved positions the Selection Committee will draw up separate ranking lists in relation to each Research Area that includes these positions.
5. In the case there are no eligible applicants, the places reserved for applicants who have been granted a scholarship by foreign countries that have remained available cannot be assigned to other applicants.
6. Applicants who intend to compete for the positions reserved for applicants who have been granted a scholarship by foreign countries must prove that they have been definitively awarded the scholarship by **October 31st, 2021**. The certificate of the award of the scholarship must be sent via email to the address phd.office-st@unitn.it by the deadline, under penalty of exclusion from the PhD programme.

Art. 7 – ADMISSION TO THE DOCTORAL PROGRAMME AND ACCEPTANCE OF THE POSITION

1. Short-listed applicants are admitted to the PhD Programme based on the final ranking until all available positions have been filled. All applicants compete for the award of the scholarships funded by the University of Trento; however, applicants who have 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 enroll in the PhD Programme.
2. Should two candidates obtain the same score, regarding the award of the scholarship, the candidates' 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 candidates will be selected.
3. Admitted applicants must send the acceptance of position following the instructions at <https://www.unitn.it/en/node/1928>:
 - **within 8 days** starting from the day following publication of the final ranking lists on the selection website for **positions with scholarships or other form of financial support; positions reserved to applicants who are granted scholarships by foreign countries**
 - **within 14 days** starting from the day following publication of the final ranking lists on the selection website for **positions without scholarships or other form of financial support**.

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 Doctorate Office S&T (email: phd.office-st@unitn.it) **by November 8th, 2021**, sending them in advance by email;

- **academic diploma of the Master degree** (Master of Science/Arts or equivalent) in the original or certified copy, **together with the academic transcript of records**, possible official translations¹²,

¹² See: <https://www.esteri.it/mae/en/servizi/italiani-all-estero/traduzione-e-legalizzazione-documenti.html>;

legalized or with an apostille affixed¹³ (please carefully verify the fulfillment of the requirements set by the issuing country of the title).

In addition to the above-mentioned documents, admitted applicants must show:

- **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**¹⁴ 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 in Italy (CIMEA) that contains all the information necessary for the assessment of the qualification.

In case the Diploma Supplement, or the Declaration of Value, or the Statement of comparability are not available by November 8th, 2021, admitted applicants must deliver a document showing that they asked the University/the Italian diplomatic or consular representations/the ENIC-NARIC center for the documents to be issued.

Admission to the Doctoral Programme for successful candidates who do not provide the required above-mentioned documents by November 8th, 2021 will be "conditional" and the applicants will be excluded from the Doctoral Programme if:

- they do not deliver the documents within 12 months from the starting date of the Programme;
- upon verification, their title is not in compliance with the requirements of this call for selection.

Their non-delivery may result in exclusion from the Doctorate.

4. Note that the acceptance of a position must include the payment of stamp duty and the payment of the "provincial tax for the right to higher education" - TDS¹⁵ (except for exemption cases). At present, no fees are charged to doctoral students to access courses and attend them, with the exception of the aforementioned annual provincial tax for the right to study (TDS).
5. Admitted applicants who do not accept the position by the above-mentioned deadlines will lose their right to registration, and their places will be offered to the next applicants on the relevant ranking.
6. If a successful applicant withdraws **before the beginning of the PhD Programme** (November 1, 2021), the next applicant on the ranking will be offered the position, if entitled to it based on the eligibility assessment for reserved scholarships. The latter must submit his/her acceptance of the position **within 4 days** starting from the day after the day on which the communication from the Doctorate Office S&T is sent.
7. If a successful applicant **withdraws or is excluded after the beginning of the PhD Programme and during the first three months of the first year**, the Doctoral Committee may decide to fill the vacancy with the next applicant on the relevant ranking, taking into account the acquired eligibility for reserved scholarships.
8. At the end of the enrolment period, doctoral students must communicate via e-mail (iecs.school@unitn.it) to the PhD program Secretariat the exact date of their arrival in Trento. Doctoral students who cannot be, for justified reasons, in Trento at the beginning of the academic year must submit adequate motivations and justifications by no later than November 8, 2021. In the case of a lack of communication and failure to arrive in Trento by the above-mentioned dates, the doctoral student will be considered excluded from the School.

Art. 8 – SUPERNUMERARY POSITIONS

1. According to art. 20, par. 3 of the University Regulations for Doctoral Programs, no more than **1** supernumerary applicant may be admitted without a scholarship paid by the University, after passing the selection procedure, if they fall within one of the following categories:
 - a) shortlisted foreign candidates who are granted scholarships by other entities;

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

¹⁴ Should the Declaration of Value not be available by the given deadline, the applicant has to produce evidence of the request to the Diplomatic mission. The applicant has to provide the original copy of the Declaration of Value as soon as it is available.

¹⁵ Note that the total amount of the TDS + stamp duty must be paid only by credit card following the instructions. Page <https://www.unitn.it/en/ateneo/1931/education-tax-tds-and-stamp-duty> provides information on exemption from the TDS.

- b) shortlisted candidates from countries with which a specific inter-governmental agreement has been signed, and with which an ad-hoc agreement with the University is then made, without the University of Trento being required to assume any financial obligations;
 - c) research fellows (*Assegnisti di ricerca*) whose contract lasts for a minimum of 24 months as from the starting date of the Program and researching a subject relevant to the PhD Program; such relevance has to be determined by the Doctoral Programme Committee;
 - d) Italian civil servants or under Italian public law regime. Admission is subject to placement on leave under Art. 2 of the Law of 13.08.1984 no. 476 and subsequent amendments.
2. Short-listed applicants who wish to assert their requirements for supernumerary positions shall request such admission by submitting appropriate documentation proving their status via e-mail to phd.office-st@unitn.it **within 8 days** from the next day of the publication of ranking lists. Supernumerary admission is determined by the number of supernumerary positions listed in the specific Research Area in art. 1.
 3. After verification of the documents referred to in paragraph 2, applicants admitted to supernumerary positions will receive an email notification from the Doctorate Office S&T and must deliver their acceptance within the deadline specified in the email text itself.
 4. Any candidates selected by special committees for admission related to specific international mobility programs in which the University of Trento participates, may also be admitted to positions additional with respect to the quota specified in art. 1.

Art. 9 – INTELLECTUAL PROPERTY RIGHTS ON RESEARCH RESULTS AND PUBLICATIONS

1. Without prejudice to the Italian legislation on copyright (Legislative Decree no. 633/1941 and subsequent amendments), intellectual and industrial property rights on the results eventually achieved by the student, including, but not limited to, software, patentable industrial inventions, 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 other institutions involved.

Art. 10 - PROCESSING OF PERSONAL DATA

1. Pursuant to art. 13 of Regulation (EU) 2016/679 (General Data Protection Regulation), applicants, acting as data subjects, are advised that the University will process their personal data in the public interest only for purposes related to the present PhD selection procedure and to comply with law obligations.
2. The data controller is the University of Trento, via Calepina 14, 38122 Trento (Italy), email: ateneo@pec.unitn.it; ateneo@unitn.it.
3. The controller processes personal data for reasons of substantial public interest (according to art. 6, comma 1, letter e) and art. 9, paragraph 2, letter G of the GDPR).
4. The provision of personal data is mandatory to participate in the selection procedures and failure to provide them results in the impossibility to take part in the call.
5. Personal data are processed wholly or partly in paper forms and/or by automated means by the controller's personnel, who is authorized to data treatment according to their tasks and in respect of confidentiality obligations.
6. Personal data can be disclosed to third parties (public and private, e.g. MUR, ANVUR) in order to correctly fulfil the above-mentioned purposes, within academic relationships, in performance of law, regulations and contract obligations, or in compliance with a provision of the Authority of Public Security and/or the Judicial Authorities.
Data can be disclosed also to public and private funding bodies, in relation to financed scholarships.
7. Personal data will be stored as long as necessary to fulfil the above-mentioned procedure and anyway for all the time required to comply with legal obligations and/or regulations on the matter.
8. At any time, the data subjects can ask the controller to exercise their rights in accordance with art. 15 and seq. of GDPR, and in particular the right of access to their personal data, right to rectification, right to erasure ('right to be forgotten'), right to restriction of processing and the right to object to processing. This is without prejudice to the right to lodge a complaint with the Supervisory Authority in accordance with art. 77 of GDPR.
9. The data subjects may contact the Data Protection Officer (DPO or RPD) to have information about processing of their personal data or to exercise their rights writing to: via Verdi 8, 38122 Trento (Italy), email: rpd@unitn.it.

10. The complete GDPR Privacy note is available at: [GDPR Privacy note](#).

Art. 11 - REFERRAL RULES

1. For matters not explicitly mentioned in the present call, refer to Law no. 398 of 30.11.1989, art. 4 of Law no. 210 of 3.07.1998 as amended by art.19, par. 1, of the Law no. 240 of 30.12.2010, to Ministerial Decree no. 45 of 08.02.2013 and to the University Regulations for Doctoral Programmes issued by Rector's Decree no. 742 of 28.10.2016, to the Code of Ethics of the University of Trento, to the Internal Regulations in force of the PhD Programme in Information Engineering and Computer Science, 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. Any changes or additions to the call will be made available only on the selection website specified in art. 1.

On behalf of
The Rector
The Head of Education and Student Services
dott. Paolo Zanei

Declaration substituting
DEGREE CERTIFICATE¹

(Article 46 - letters l, m, n - D.P.R. 28 December 2000, No. 445)

The undersigned _____

place of birth (*city, country*) _____ date of birth _____

official address (*street, number, zip code, city, country*) _____

Mob. _____ e – mail _____

aware of the penal sanctions pursuant to Article 76 of the Italian Presidential Decree no. 445 of 28.12.2000 for falsifying documents and making mendacious declarations

DECLARES

A) TO HAVE GRADUATED (degree for admission to PhD, click the corresponding box):

Type of degree Laurea magistrale/specialistica
 Italian University degree of the previous regulations in force (*vecchio ordinamento*)

in: _____

Specialization (*Classe di laurea* ID code): _____

on __dd__ / __mm__ / __yy__ from University of² _____ (town

_____ - Italy) with mark _____ out of _____

AND TO HAVE PASSED THE FOLLOWING EXAMS (**fill out the following Section C**)

Alternately:

B) TO HAVE NOT YET GRADUATED and to be aware that admission to the Doctoral Programme is conditional upon submission of the degree diploma/certificate by the date cited in the announcement.

Graduating in: _____

Specialization (*Classe di laurea* ID code): _____

University of: _____ in Italy.

Expected graduation date: _____

AND TO HAVE PASSED THE FOLLOWING EXAMS (fill out the following section C)

¹ **To be noted:** self-declarations can be delivered only if concerning facts and information which can be verified by an Italian public administration. In case of non-European citizens this is possible only if they are in possession of a valid stay permit, which must be attached to the declaration.

- The self-declaration shall provide all the information required, and data related to the mark, date and place of obtainment of the degree are mandatory;

- The self-declaration shall be duly signed and dated.

² Graduates of the **University of Trento** may only declare the date of awarding of the degree; other information will be collected automatically.

