
THE HUMAN RESOURCES AND ORGANIZATION DEPARTMENT DIRECTOR

- Having regard to the law n. 590 of 14 August 1982, and in particular the TITLE III regarding the institution of Trento University;
- Having regard to the D.P.R. n. 445 of 28 dicembre 2000, as amended, concerning provisions in the field of administrative documentation;
- Having regard to the law n. 241 of 7 agosto 1990, as amended, concerning new regulations on administrative intervention and the right to access administrative documents;
- Having regard to Legislative Decree n. 165 of 30 marzo 2001, as amended, concerning general labour regulations for employees of public administrations;
- Having regard to Legislative decree no. 198 of 11 April 2006, the “Equal opportunities between men and women Code”;
- Having regard to Regulation UE 2016/679 “Regulation on the protection of personal data”;
- Having regard to Legislative decree no. 196 of 30 June 2003, “Personal Data Protection Code” as modify by Legislative decree no. 101 of 10 August 2018;
- Having regard to Legislative decree no. 82 of 7 March 2005, as amended, and in particle article 65;
- Having regard to Law no. 104 of 5 February 1992 “Law No. 104, Outline Law for the Care, Social Integration and Rights of the Disabled”, and in particular article 20 “Examinations in open competitions and for professional licensing”;
- Having regard to the Presidential Decree no. 487 of 9 May 1994, as amended, “Regulation regarding access to public administration employment and ways of carrying out selection procedures, open...
competitions, and other forms of hiring in the public sector” as applicable given article 70, comma 13, of Legislative decree no. 165 of 30 March 2001;

- Having regard to Council of Ministers Presidential Decree no. 174 of 7th February 1994 “Regulation setting out laws on the access of EU member state citizens to employment in the Public Administration”;

- Having regard to Legislative Decree no. 81 of 15 June 2015 “Job contract rule system and review of the laws regarding jobs in accordance with article 1, comma 7, of law n.183 of 10th December 2014, and in particular under section III “fixed-term employment”;

- Having regard to the Legislative Decree no. 101/2013, converted into law no. 125/2013 with the “Urgent provisions for the realization of the Public Administrations rationalization”;

- Having regard to the Law no. 240 of 30 December 2010 on the “Regulations on the Universities organization, academic staff and recruiting, as well as the delegation to the Government to incentivize the quality and efficiency of the university system” and in particular article 24 bis introduced in the Legislative decree no. 5 of 9th February 2012, converted into law no. 35 of 4th April 2012 relative to “Urgent provisions on simplification and development” and in particular article 24 bis;


- Having regard to the Charter of the University of Trento enacted with Rector’s Decree no. 167 of 23rd April 2012;

- Considering the Regulation for the establishment of fixed-term employment relationships, approved and emanated with Regional Decree no. 527 of 22nd July 2016 and in particular under section III “Particular provisions pertinent to the figure of the technologist”;

- Having regard to deliberation of the Board of Directors n. 06 of 26 november 2020 concerning adaptation provisions of the procedures of the technical and administrative staff recruitment in relation to pandemic emergency;

- Having regard to the Protocol of 15 april 2021 about the conduct of public examinations, disciplining the organization and management of the selective exams of the public procedures in order to allow the conduct in presence safely relative to the risk of COVID - 19 trasmission;

- Considering the decree of the Directorate General no. 75 of 15th May 2012 regarding the introduction of an application fee for fixed-term employment selections;
• Considering the decree of the Directorate General no. 13 of 18th May 2021 with which the number of positions of both fixed-term and permanent technical and administrative staff and their assigned structures was identified, in reference to the third hiring manoeuver for the year 2021;
• Considering the implementation laws approved with the Legislative decree no. 142 of 18th July 2011, relative to the delegation to the Autonomous Province of Trento for what concerns the University;
• Considering the deliberation of the Provincial Council no. 865 of 28th May 2021 regarding the stability pact between the University of Trento and the Autonomous Province of Trento;
• Having ascertained the financial availability in the relevant budget for the current year as well as the respect of estimated expense limits for fixed-term employees;
• Considering that the selection which this advertisement is aimed at is for the filling of no. 1 position of technologist, with a fixed-term contract at full time in the D category, economic position D3, technical, technical-scientific and data processing area, financed by third parties under the regulation in force, in particular, by funds for research project financed by the European Union or by other entities and public and private bodies;
• Considering that the Administration has verified that the position can not be efficaciously filled through the lists in force from previous open competitions and/or selection procedures in that no currently valid list considers professional abilities compatible with those which are sought in this selection;

ORDERS

ART. 1 – SELECTION PROCEDURE

The University of Trento has organized a selection procedure, based on qualifications and oral examination, for the recruitment of 1 technologist– ex art. 24 bis law 30.12.2010 n. 240 – on a 30-month, fixed-term contract, eligible for 30 months extension, in the category D, D3 economic position, technical, technical-scientific and data processing, at the Department of Engineering and Information Science of Trento University and financed by the 40103220 fund and the 40300428 fund.

Description of the activities and requested profile:
The position is linked to the activities for the Radar for Icy Moon Exploration (RIME) in the framework of the Jupiter Icy Moon Explorer (JUICE) mission of the European Space Agency. RIME is a radar sounder designed for the analysis of the subsurface of the Jupiter Icy Moons. The mission will be launched in 2022. The Science Operation Center (SOC) of RIME will be implemented for the side of the Principal Investigator (PI) at DISI. This requires specific technical know-how and expertise in the context of space missions, radar and management
of operations related to SOC that currently are not available at DISI. This expertise will be also useful in the context of other activities related to the radar and remote sensing currently under development.

The requested position will be mainly funded on the budget related to the RIME-JUICE project and is related to the following activities:

- Technical support to the activities related to the RIME instrument in the context of the JUICE mission;
- Support to the definition and management of the infrastructure related to the Science Operation Center (SOC) of RIME;
- Support to the definition, implementation, maintenance and management of the hardware and software of the processing chain for programming the radar operations and the related telemetries and data processing;
- Support to the daily activities of the SOC and of the related research laboratory;
- Management of the storage systems of the laboratory;
- Management of the requests of the users of the laboratory and of the facilities for the connection to the servers, the clusters and the related informatics resources;
- Management of the generic requests of the user of the laboratory related to the above-mentioned activities;
- Support to the advanced informatic requirements of the SOC and the laboratory for data preservation and conservation (e.g., databases, backup systems, security systems, etc.).

**Skills required:**
The candidate should have competencies and experience on:

- Remote sensing and radar, with specific understanding of their use in space applications;
- Processes and technologies related to the different phases of development of a space mission;
- Processes and technologies related to the ground segment and the instrument management during mission of planetary exploration;
- Management of computer networks (wired and wireless) and servers (windows and linux);
- Main operative systems and related management tools (Linux, Windows);
- Storage systems and High Performance Computing (HPC) infrastructure;
- ICT security and monitoring tools;
- Very good knowledge of English;
• Problem solving skills;
• Good skills for personal interaction, working in group, organization and planning of activities;
• Independence in the organization of the work.

ART. 2 – REQUIREMENTS FOR ADMISSION TO THE SELECTION (non sono indicati i titoli di studio)

In order to be admitted to the selection, as defined in art. 1, the following qualifications are required:

a) Academic qualification (Laurea magistrale or Laurea triennale in one of those mentioned below) along with at least 3 years work experience in satellite remote sensing and/or radar, after having obtained Laurea Magistrale (this experience has to be of at least 5 years in case of possession of only Laurea Triennale):

Diploma di Laurea magistrale:
- LM27 Lauree Magistrali in Ingegneria delle Telecomunicazioni;
- LM29 Lauree Magistrali in Ingegneria Elettronica;
- LM32 Lauree Magistrali in Ingegneria Informatica

or

Diploma di Laurea:
- L08 Lauree in Ingegneria dell'Informazione

or

Laurea specialistica or degree awarded pursuant to legislation in force before the coming into force of Ministerial decree 509/1999 in equivalent degree programs under the Interministerial decree of 9th July 2009 as described in the equivalency table that can be found at the following link

https://www.unitn.it/ateneo/411/area-staff-tecnico-amministrativo-e-dirigente

or

Foreign degree recognized as equipollent to the aforementioned, according to international agreements or current legislation;

or

Foreign degree recognized as equipollent to the aforementioned, for the sole purpose of this selection. The candidates must attach to the application the Dichiarazione di equivalenza issued by Dipartimento della Funzione Pubblica; this declaration is essential for the recruitment, anyway. In case of not possession of this declaration, candidates can attach to the application a self-declaration in which they
claim that they have already asked to issue them the *Dichiarazione di equivalenza*. This self-declaration is valid only for registration. Alternatively, the candidates can attach the *decreto di equipollenza*.

Under the art. 2 of D.I. 9 July 2009 – published in the Gazzetta Ufficiale of 7 october 2009 n. 233 “The equivalence (…) between a degree obtained according to the regulations not yet modified under the D.I. 3 november 1999 n. 509 and more *lauree specialistiche* (d.m. 28 november 2000, 2 april 2001 and 12 april 2001) and more *lauree magistrali* (D.I. 16 march 2007 and 8 january 2009) is to be intended only alternative.

So, considering the subdivision of degrees *vecchio ordinamento* into more independent courses, if one of the abovementioned degree is equivalent to more *lauree specialistiche* or *magistrali*, it will be the university which has given the degree to issue to whom asks for it, a certificate which proves to which single class, the possessed title is equivalent; this certificate has to be attach to the application together with the certificate of degree”

b) Italian citizenship or citizenship of one of European Union Member States (the Italians not belonging to the Republic are equivalent to citizens) or citizenship of other States provided that the candidates’ conditions respect the conditions envisaged by Art. 7 of L. 6 agosto 2013 n. 97.

The candidates who can participate to the selection are:

- the citizens of EU Member States;
- the relatives of the citizens of EU Member States, even if without citizenship of a EU Member State, provided that they have right of residence or right of permanent residence;
- the citizens of other States, provided that they have a CE residence permit for long period residence, or that they have the refugee status, or that they have the subsidiary protection status.

c) Enjoyment of full political rights;

d) Citizens who are subject to obligatory military service must have already fulfilled all obligations.

Candidates will not be allowed to participate in the selection procedure if they have been dismissed due to disciplinary reasons, removed or discharged from a position in Public Administration due to persistent low performance, or have lost the right to hold a public position because it was achieved through the presentation of false documents or vitiated due to an incurable invalidity in accordance with article 127 (first comma, letter d) of the Consolidation Act approved by Presidential decree no. 3 of 10th January 1957. Candidates may not participate in the competition if they have been dismissed or lost rights in accordance with article 1, comma 61, of Law n. 662 of 23rd December 1996.
Foreign citizens must meet the following requirements:

- Enjoyment of political rights in their home country or country of origin;
- Fulfilment of all obligations, with the exception of possession of Italian citizenship, that are required of Italian citizens;
- Have an adequate knowledge of the Italian language; said knowledge will be evaluated through the examinations.

The aforementioned requirements must be held by the deadline for the presentation of the admissions application for selection.

The Administration may order, at any moment, by means of a justified decree, the exclusion of a candidate from the selection due to a lack of fulfilment of the previously stated requirements.

ART. 3 – APPLICATION GUIDELINES

The application for admission to the selection procedure must be presented by following the instructions for filling in and presenting the application forms that UNITN provides for candidates online.

In order to access the online application form, candidates are invited to go to the University website www.unitn.it and click on the following links:

Ateneo → Lavora con noi → Area Staff Tecnico e Amministrativo, Collaboratore Esperto Linguistico e Dirigente → Nuovi bandi.

Once the candidate has reached the webpage with the desired call for applications, accessed by clicking on the link with the relative code number, he or she will be able to access the online application system.

Please note that candidates will be requested to send a copy in PDF or JPG of a valid form of identity document, curriculum vitae and cover letter, as well as any other documentation that they intend to attach to the application.

Candidates will also be required to furnish all declarations required in the application form, taking personal responsibility for and in accordance with articles 46 and 47 of the Presidential Decree no. 445 of 28th December 2000, aware of the loss of any eventual benefits obtained and of the sanctions foreseen in articles 75 and 76 of the aforesaid decree in the event of false declarations or qualifications or the forgery of documentation.

Candidates must pay a non-refundable fee amounting to € 10.00 by means of:
1. Bank transfer to the account of the University Treasury c/o Banca Popolare di Sondrio – Piazza Centa, 14 – Trento

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<th>SWIFT</th>
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2. Through payment made at one of the branches of Banca Popolare di Sondrio

Please note that the following must be indicated as the reason for payment:

Surname / Name / Selection Code/2021/“contributo per la partecipazione”

The candidate is also required to attach, in the online application system, a copy (in PDF or JPG format) of the receipt of the bank transfer or cash payment.

The date of submission of the application will be certified by the computerized system. The system will not allow for the submission of applications after the final submission deadline.

It is necessary that the candidate monitor the email account utilized during the application period and ensure that it remains active for the purposes of receiving any communications relating to the selection.

For any information about the contents to be included in the online application or about the technical operation of the application system, the candidate may make use of the online support available within the application procedure, and/or the support of the Ufficio Concorsi e Selezioni (Competitions and Selections Office) of UNITN.

The Competitions and Selections Office, located in Via Verdi, 6 - 38122 Trento, is open to the public during the following times:

Mon/Fri 9.00 – 13.00

And can be reached at:

Phone number: 0461-28 33 18 / 29 21 - fax: 0461-28 29 22

Email address: concorsi@unitn.it

Certified Institutional Email Address: ateneo@pec.unitn.it

During pandemic emergency the office will be able to help you only electronically.

The Administration declines all responsibility for the loss of any communication due to the candidate having provided incorrect contact information or due to a lack, or delay, in the communication of a change in address.
(home or email) from the address indicated in the application or for any problems relating to the post or telephone or in anyway due to third parties, unforeseen circumstances or force majeure.

ART. 4 – INSTRUCTIONS FOR SUBMISSION OF QUALIFICATIONS

For the purpose of evaluating their qualifications, the candidate must present all documentation demonstrating their qualifications scanned in PDF format.

In lieu of submitting the aforementioned documents, the candidate may submit a substitutive declaration of certification by completing the associated online form and taking into consideration that the following qualifications can be self-certified: degrees or professional qualifications held by the candidate; completed exams; specializations, licensing, training, refresher courses and/or technical qualifications, enrolment on a registry, being on Public Administration lists, or membership in a professional order.

The candidates must compulsory attach to the application:
- A copy in PDF or JPG of a valid form of identification (front and back side);
- a copy (in PDF or JPG format) of the receipt of the bank transfer or cash payment.
- curriculum vitae;
- cover letter.

Simply referencing documents and publications previously submitted to the University is not permitted.

The aforementioned declarations must be written out analytically so that the Commission can easily evaluate the qualifications that they reference

The Administration will carry out controls, also at random, of the veracity of the declarations that have been made; criminal penalties are authorized under article 76 of the Presidential Decree no. 445 of 28th December 2000 for alleged falsification of documents and fraudulent statements.

Regarding the final mark for the degree required for admission to the selection procedure, the final mark declared in the space provided on the online application form will be accepted as valid. It is not necessary to include a copy of the applicant’s diploma.

A copy in PDF or JPG of a valid form of identification (front and back side) must be attached to the application. This should preferably be the same which the candidate will present during the exam.

In the event that the candidate intends to attach publications that are not available in an electronic format (and therefore not attachable as a file) to the application, they must indicate in the online form the exact title of the document/s. The candidate must also present the aforementioned documents, by registered post with return
receipt, to the Ufficio Concorsi e Selezioni (Competitions and Selections Office) of the University of Trento within 5 days of the deadline of the call for applications. The date is determined by the moment when said office receives the documentation. Publications and works mentioned in the online application and not received by the deadline, as well as publications and works in paper form that are received by the office but not mentioned during the online registration phase of the selection, will not be considered.

ART. 5 – PROCESSING OF PERSONAL DATA

In accordance with art. 13 of Regulation EU 2016/679 “General Data Protection Regulation” (GDPR). University will process personal data exclusively for the purposes of managing the selection procedure - art. 6, par. 1, lett. e), art. 9, par. 2, lett. g), art. 10, GDPR.

The controller is University of Trento, via Calepina n. 14, 38122 Trento, email: ateneo@pec.unitn.it; ateneo@unitn.it. Contact details of Data Protection Officer are: dott. Nicola Zanella, Via Briamasco, 2, 38122, email: rpd@unitn.it.

Personal data will be processed, in paper or digital form, only by persons authorised to process personal data relating to assigned tasks and in compliance with principles of lawfulness, fairness and transparency. adequacy, relevance and necessity.

The provision of personal data is optional but it is necessary for participation in the selection and failure to provide them precludes the participation in the selection process.

Personal data will be stored for the period necessary to carry out the operations of the selection and for the necessary fulfillment.

At any times the data subject may exercise the rights provided for in art. 15 and following of GDPR and, in particular, the right of access to the personal data, rectification, integration, erasure, restriction of processing of personal data or to object to such processing. The data subject may lodge a complaint with a supervisory authority under article 77 of GDPR.

Candidates can consult this link about privacy: https://www.unitn.it/ateneo/2077/privacy-e-protezione-dei-dati-personali

Please contact us using the following addresses for further information or in order to exercise all the rights: n. tel. 0461-28 33 18 – 29 21 - indirizzo di posta elettronica: concorsi@unitn.it.

ART. 6 – ELIGIBLE QUALIFICATIONS

1/2 of the totale points will be assigned to qualifications; as there are 60 total points, 30 are reserved for qualifications.
The categories of eligible qualifications and relative maximum point value are:

A. Degree (laurea) (with consideration given to the final mark / grade point average);
   up to a maximum of 7 points

B. professional experience (subordinate or subcontracted employment) in the public sector, private sector, or experience in the professional, entrepreneurial, craft, or commercial sectors carried out as a freelance in accordance with the regulations for the aforementioned activities;
   up to a maximum of 14 points

C. professional and cultural qualifications which differ from those in point B but from which it is possible to deduce professional aptitude regarding the post for which the selection procedure is being held (e.g. teaching, attendance at conferences and study seminars, other qualifications distinct from those required for access to the category, research doctorate, specialisation etc.)
   up to a maximum of 5 points

D. Scientific publications and/or original documents
   up to a maximum of 4 points

The evaluation of the pertinence of the qualifications to the required profile, of which those indicated in categories B, C and D will be determined using the following multiplication factors: 100%, 50%, 0%, also taking into consideration how up-to-date the qualifications are.

The Commission will establish the evaluation criteria for the attribution of point values during their first meeting. The Commission will not evaluate qualifications wherein all elements and data necessary for their evaluation are not indicated, for example the start or end dates of employment.

ART. 7 – CREATION OF ADMISSION LIST

In the case in which the applications are either less than or equal to 10, all the candidates who meet the requirements for admission will be admitted to the oral exam. The qualifications assessment will only involve the candidates who will have passed the oral exam.

In the case in which the applications are more than 10, only 10 candidates (and who have received the same amount of points as the 10th candidate) will be admitted to the oral exam. These 10 candidates will be identified in a list resulted from the total points received for qualifications and will be ranked in decreasing order.
The candidates must verify their admission by consulting the admission list published on [www.unitn.it](http://www.unitn.it) (selection page). If the applications are either less than or equal to 10 the admission list will be published the day after the deadline; if the applications are more than 10, the admission list will be published 15 days after the deadline. The calendar of oral exam will be announced together with the publication of admission list.

**ART. 8 – EXAMINATION AND EXAMINATION CALENDAR**

The oral exam will be focused on two or more of the following topics:

- Remote sensing systems;
- Radar technologies for remote sensing;
- Main components of a space mission;
- Ground Segment for space missions;
- Basic knowledge of computer networks (wired and WiFi), servers, storage systems, ICT security and monitoring systems;
- Basic knowledge on main operative systems (Linux, Windows) and their management tools.

and will be aimed at assessing the competence and the experience that the candidate has in the context of the professional profile required by the call. The oral exam will also assess:

- the knowledge of English;
- The knowledge of the “Statuto dell'Università degli Studi di Trento” and the organization of the structure.

The professional maturity and aptitude of the candidate considering the proposed job will also be verified.

**The oral exam will be carried out online.** All the indications concerning online oral exam will be communicated to candidates by e-mail, to the address indicated on the application.

In the case in which the applications are either less than or equal to 10, the calendar of oral exam will be published the day after deadline, together with the admission list.

In the case in which the applications are more than 10, the calendar of oral exam will be published 15 days after deadline, together with the admission list.
The publication of the calender shall have the status of notification for all intents and purposes. The absence of the candidate will be considered a withdrawal from the selection procedure, whatever the cause may be.

In order to be admitted to the exam, candidates must have a valid form of identification in their possession. In order to expedite the identification process, this identity card should preferably be the same that was attached to the application as a copy and should be exhibited when asked.

The following documents are considered valid, in accordance with Presidential decree no. 445 of the 28th December 2000: national I.D. card, passport, driver’s license, nautical license, pension booklet, license to run heating plants, gun permit, I.D cards issued by a Government Administration if containing a photograph and official stamp or equivalent marking.

The Commission has 30 points for the evaluation of oral exam. The exam is considered passed should the candidate receive a final score that is not less than 21/30.

The judging Commission sessions are open to the public while the oral exams are in progress.

At the end of each oral exam session, the judging Commission will meet and create a list of the examined candidates and record a score for each one.

The final list, signed by the President and the secretary of the Commission, will be posted on the same day on the website.

ART. 9 – CREATION AND APPROVAL OF THE LIST OF QUALIFIED CANDIDATES

The ranking of qualified candidates will be in decreasing order, resulting from the sum of the total points received for qualifications and the score received in the oral exam.

In the event that candidates receive the same amount of total points, the younger candidate will move ahead on the list.

The official documentation resulting from the selective examinations and the list of qualified candidates will be approved by determination of the Director of the Department of Human Resources and Organization.

The list of qualified candidates will be publicly announced on the University website and by posting on the notice board at the Department of Human Resources and Organization in via Verdi, 6 in Trento. The time limit for appeals dates from the posting on the notice board.

ART. 10 – DOCUMENTATION REQUIRED IN ORDER TO ESTABLISH AN EMPLOYMENT RELATIONSHIP
The decision by the University to establish a fixed-term employment relationship will be formally communicated to the interested party.

In the event that the selected candidate does not present his or herself for service within 5 days of the date indicated on the official notice, the University will remove the candidate's name from the list. The contract, even if already signed, will be automatically considered null and void. The establishment of a fixed-term employment relationship is contingent on the verification of the possession of the aforementioned requirements.

At the time of the individual contract signing, the Administration will invite the selected candidate to sign the substitutive declarations of certification, attesting to the possession of the requirements necessary for job eligibility.

The Administration reserves the right to submit the candidate selected to a medical examination in accordance with current laws.

**ART. 11 – ESTABLISHMENT OF A FIXED-TERM WORK RELATIONSHIP**

The personnel hired under the fixed-term contract in the position of technologist, as per this call for applications, have the terms and conditions of the collective labour agreement for category D, D3 economic position of university personnel applied to them, relative to the period of work carried out for this Administration, with the specifications of article 22 of the National Collective Labour Contract (CCNL), University section, Directorial Decree 16.10.2008 and the remuneration as specified in the two year economic period 2008-2009 as per Directorial Decree 12.03.2009, plus additional items as per the CCNL and ICC specifications in force.

The employment relationship will automatically terminate, without the right to forewarning, at the end of the time period indicated in the individual contract or in the event of any cause that may determine the termination of service, if prior to the date indicated in the contract.

In no case can the fixed-term employment relationship become open-ended.

Pursuant to article 5 of Law no. 241 of 7th August 1990, the person in charge of this public selection is Mr Rudi Aste, Department of Human Resources and Organization, University of Trento, Via Verdi 6 – 38122 Trento, Telephone: 0461-283318; fax: 0461-282922; e-mail: concorsi@unitn.it
ART. 11 – RECOVERY OF DOCUMENTS AND PUBLICATIONS

Candidates who wish to do so may, at their own expense, recover all hard copies of documents and publications sent to the university within six months of the publication of the approved selection proceedings, save for any ongoing dispute; after this date the university will dispose of the material as it sees fit and disclaims any liability.

ART. 12 – REFERRAL TO LAWS IN FORCE FOR THE COMPLETION OF THE SELECTION

The provisions of all relevant laws and regulations in force shall apply for anything not already provided for in this call for applications.

Dott. Mario Depaoli

This document, if sent in paper form, is copy of the digital original digitally signed prepared and held at University under artt. 3 bis e 71 D.Lgs. 82/05. The handwritten signature is replaced by the stamping of the name of the person responsible (art. 3 D. Lgs. 39/1993)