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Application deadline 16/02/2023 until hours 13:00

Selective public procedure aimed at the recruitment of a second-level technologist, economic category of reference D3 on a fixed-term and full-term basis, for the duration of 31 months, at the Physics Department of the University of Rome "Tor Vergata", in the scope of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and research, Component 2 From research to business, Investment 1.4 - Strengthening of research structures and creation of "national R&D champions" on some Key Enabling Technologies, funded by the European Union – NextGenerationEU

ACTING GENERAL MANAGER

GIVEN the law of 7 August 1990, n. 241 and subsequent amendments and additions, laying down rules on administrative procedure and the right of access to administrative documents;

GIVEN the law of 5 February 1992, n. 104 "*Framework law for the assistance, social integration and rights of the disabled*";

CONSIDERING the D.P.C.M. 7 February 1994, no. 174 "*Regulation containing rules on the access of citizens of the Member States of the European Union to jobs in public administrations*" and subsequent amendments and additions;

GIVEN the Presidential Decree 9 May 1994, n. 487 "*Regulation laying down rules on access to employment in public administrations and the methods of conducting competitions, single competitions and other forms of recruitment in public employment*" and subsequent amendments and additions;

GIVEN the law of 15 May 1997, n. 127, containing "*Urgent measures for the performance of administrative activity and decision-making and control procedures*" and subsequent amendments;

GIVEN the Legislative Decree of 25 July 1998, n. 286, containing the "*Consolidated text of provisions concerning the discipline of immigration and rules on the condition of foreigners*" and subsequent amendments and additions;

CONSIDERING the Decree of the President of the Republic 31 August 1999, n. 394, concerning the "*Regulation containing implementation rules of the consolidated text of the provisions concerning the discipline of immigration and rules on the condition of the foreigner, pursuant to art. 1, paragraph 6, of Legislative Decree 25 July 1998, n. 286*";

GIVEN the law of 12 March 1999, n. 68, "*Regulations for the right to work of the disabled*" and the relative implementing regulation issued with Presidential Decree 10 October 2000, no. 333;

GIVEN the Presidential Decree 28 December 2000, n. 445 "*Consolidated text of legislative and regulatory provisions on administrative documentation*" and subsequent amendments;

GIVEN the legislative decree of 30 March 2001, n. 165 "*General rules on the organization of work employed by public administrations*" and subsequent amendments and additions;

GIVEN the legislative decree of 30 June 2003, n. 196 "*Code regarding the protection of personal data*" and subsequent amendments and additions. and the legislative decree 10 August 2018, n. 101 "*Provisions for the adaptation of national legislation to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016, relating to the protection of individuals*



with regard to the processing of personal data, as well as the free movement of such data and repealing Directive 95/46 / EC (General Data Protection Regulation)”;

GIVEN the Decree of the President of the Republic February 11, 2005 no. 82 "Regulation containing provisions for the use of certified electronic mail, pursuant to art. 27 of the law of 16 January 2003 n. 3”;

GIVEN the legislative decree of 7 March 2005, no. 82 “*Digital Administration Code*” and subsequent amendments and additions;

GIVEN the legislative decree 1 April 2006, no. 198 “*Code of equal opportunities between men and women, in accordance with Article 6 of Law no. 246*”;

CONSIDERING the Decree of the President of the Republic 30 July 2009 no. 189 “*Recognition of foreign qualifications for access to public competitions*” and in particular the art. 2;

GIVEN the Interministerial Decree of 9 July 2009 for the equivalence between the diplomas of old system degrees, specialist degrees (LS) pursuant to D.M. 509/99 and master's degrees (LM) ex D.M. 270/04 for the purposes of participation in public competitions;

GIVEN the law of 30 December 2010, no. 240 and subsequent amendments “*Rules on the organization of universities, academic staff and recruitment, as well as delegation to the Government to encourage the quality and efficiency of the university system*” and, in particular, art. 24bis;

HAVING REGARD to the law of 12 November 2011 no. 183 “*Provisions for the formation of the annual and multi-year state budget*” (stability law 2012) and in particular art. 15, containing rules on certificates and substitutive declarations;

GIVEN the Decree Law of 9 February 2012, no. 5, containing “*Urgent provisions on simplification and development*” converted, with amendments, by law 4 April 2012, no. 35;

GIVEN the law 6 November 2012, n. 190 containing “*Provisions for the prevention and repression of corruption and illegality in the public administration*”;

GIVEN the Legislative Decree 14 March 2013, no. 33 containing “*Reorganization of the regulations concerning the obligations of publicity, transparency and dissemination of information by the Public Administrations*”;

GIVEN the law of 6 August 2013, no. 97 “*Provisions for the fulfillment of obligations arising from Italy's membership of the European Union European Law 2013*” and in particular art. 7 which modified the rules on the access of foreigners to jobs in public administrations;

GIVEN the National Collective Labor Agreement of the University sector for the four-year regulatory period 2006-2009, signed on 16 October 2008, and the National Collective Labor Agreement relating to the staff of the Education and Research sector for the three-year period 2016-2018, signed on 19 April 2018;

GIVEN the law of 30 October 2013, n.125 converting the D.L. 101/2013 containing “*Urgent provisions for the pursuit of rationalization objectives in public administrations*”;

GIVEN the Legislative Decree of 15 June 2015, n. 81 “*Organic discipline of employment contracts and revision of the legislation on duties, pursuant to article 1, paragraph 7, of law 10 December 2014, n. 183*” and subsequent amendments;

GIVEN the law of 19 June 2019, no. 56, concerning “*Interventions for the concreteness of the actions of the public administrations and the prevention of absenteeism*”;

GIVEN the National Recovery and Resilience Plan (PNRR), presented to the European Commission on 30 April 2021 pursuant to art. 18 of Regulation (EU) no. 2021/241 and approved by decision of the

ECOFIN Council of 13 July 2021 notified to Italy by the General Secretariat of the Council with note LT161/21 of 14 July 2021;

GIVEN the Decree-Law of 31 May 2021, n. 77, converted with amendments by law 29 July 2021, n. 108, containing "Governance of the National Recovery and Resilience Plan and first measures to strengthen the administrative structures and to speed up and streamline procedures";

GIVEN the Decree-Law of 9 June 2021, n. 80, converted with amendments by law 6 August 2021, n. 113, containing "Urgent measures to strengthen the administrative capacity of public administrations functional to the implementation of the National Recovery and Resilience Plan (PNRR) and for the efficiency of justice";

GIVEN the D.P.C.M. 9 July 2021 establishing the identification of the central administrations that are holders of interventions envisaged in the National Recovery and Resilience Plan (PNRR), pursuant to article 8, paragraph 1 of the Decree-Law of 31 May 2021, n. 77;

GIVEN the Decree-Law of 6 November 2021, n. 152, converted with amendments by law 29 December 2021, n. 233, containing "*Urgent provisions for the implementation of the National Recovery and Resilience Plan (PNRR) and for the prevention of mafia infiltrations*";

GIVEN the Circular of the Ministry of Economy and Finance n. 4 of 18 January 2022, concerning the "*National Recovery and Resilience Plan (PNRR) - article 1, paragraph 1 of decree-law no. 80 of 2021 - implementing indications*";

GIVEN to the Interministerial Decree of 7 December 2021, which adopts the guidelines aimed at promoting equal gender and generational opportunities, as well as the employment inclusion of people with disabilities in public contracts financed with the resources of the National Recovery and Resilience Plan and the Plan National for investments complementary to the PNRR (PNC), established with the Decree-law 6 May 2021, n. 59;

GIVEN that the National Recovery and Resilience Plan (PNRR) is part of the Next Generation EU (NGEU) economic recovery project in response to the pandemic crisis generated by COVID-19 and is developed around three strategic axes shared at European level – Digitization and Innovation, Transition Ecology, Social Inclusion – divided into six Missions or main thematic areas and 16 components;

NOTING that, as part of Mission 4, Component 2 "from research to business" intends (1) to strengthen research and encourage the dissemination of innovative models for basic and applied research conducted in synergy between universities and businesses; (2) supporting processes for innovation and technology transfer; (3) enhance research infrastructure, capital and innovation support skills;

NOTING that Mission 4, Component 2 "from research to business" envisaged four types of investments:

- "*Partnerships extended to universities, research centres, companies for the financing of basic research projects*" (Partenariati Estesi);
- "*Strengthening of research structures for the creation of "national R&D champions" on some "Key Enabling Technologies"*" (National Centres);
- "*Creation and strengthening of "innovation ecosystems", construction of "territorial R&D leaders"*" (Innovation Ecosystems);
- "*Fund for the creation of an integrated system of research and innovation infrastructures* (Research Infrastructures and Technological Innovation Infrastructures);

GIVEN the Directorial Decree of the Ministry of University and Research n. 3138 of 16 December 2021, amended by Directorial Decree of 18 December 2021, n. 3175, with which the "Public Notice was issued for the presentation of intervention proposals for the strengthening of research structures and the creation of R&D "national champions" on some Key Enabling Technologies to be financed under the National Plan of Recovery and Resilience, Mission 4 Education and Research, Component 2 "from research to business", Investment 1.4 - Strengthening of research structures and creation of "national R&D champions" on some Key Enabling Technologies, funded by the European Union – NextGenerationEU” ;

CONSIDERING that the University of Rome "Tor Vergata" participates in the following projects referred to in Mission 4, Component 2, Investment 1.4 - Strengthening of research structures and creation of "national R&D champions" on some Key Enabling Technologies:

- "National Research Center in High-Performance Computing Big Data and Quantum Computing" (so-called CN1);
- "National Research Center - Development of Gene Therapy and Drugs with RNA Technology" (cd. CN3);

GIVEN the Directorial Decree of the Ministry of University and Research n. 1035 of 17 June 2022, registered at the Court of Auditors on 11 July 2022 under no. 1850, with which the National Center for HPC, Big Data and Quantum Computing was admitted to funding (Identification code: CN_00000013), for the realization of the Research Program entitled "National Center for HPC, Big Data and Quantum Computing” and related attachments;

HAVING REGARD TO the Obligation and acceptance of the decree granting subsidies for the research program "National Center for HPC, Big Data and Quantum Computing, signed on 2 August 2022;

CONSIDERING that within the context of the aforementioned projects it is necessary to proceed with the recruitment, among other things, of technologists referred to in art. 24 bis of the law of 30 December 2010, n. 240, in the text in force before the entry into force of the law of 29 June 2022, n. 79 of “*Conversion into law, with amendments, of the decree law of 30 April 2022, no. 36*”;

CONSIDERING that the duration of the research programs is set at 36 months starting from the date indicated in the decrees granting funding, and in any case no later than 28 February 2026;

GIVEN the Statute of “Tor Vergata” University of Rome, issued with Rector's Decree no. 3427 of 12 December 2011 and subsequent amendments and additions;

GIVEN the Code of Ethics of “Tor Vergata” University of Rome;

GIVEN the Code of Conduct for employees of “Tor Vergata” University of Rome;

GIVEN the University Regulations for the recruitment of fixed-term technologists pursuant to art. 24 bis of the law n. 240/2010 and regulation of the employment relationship, issued with Rector's Decree no. 1619 of 6 July 2021, published on 12 July 2021;

GIVEN the resolution of the Physics Department Council, adopted in the session of 4 October 2022;

GIVEN to the resolution of the Board of Directors, passed in the meeting of 10 January 2023, which approved the activation, among others, of the public selection procedure aimed at recruiting a second-level technologist, economic category of reference D3 on a fixed-term and full-term basis, for a period of 31 months, at the Department of Physics of the University of Rome "Tor Vergata" using the resources of the National Plan for Recovery and Resilience Mission 4 "Education and Research" - C2 "From research to business" - Investment 1.4 - Strengthening of research and creation of "national R&D



champions" on some Key Enabling Technologies (National Centers) - National Center on HPC, Big Data and Quantum Computing (CN1);

CONSIDERING that in the aforementioned resolution no. 3 of the Board of Directors, adopted in the meeting of 10 January 2023, the acceptance of service of the winners "is subject to the effective provision by the competent bodies in favor of the University of Rome "Tor Vergata" of the foreseen funding in relation to the initiatives of the National Recovery and Resilience Plan";

DECREES

Art. 1 - Call for the public selective procedure

The following public selective procedure has been opened for the purpose of recruiting a second-level technologist, on a fixed-term basis, using the resources of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and research, Component 2 from research to business, Investment 1.4 - Enhancement of research structures and creation of "national R&D champions" on some Key Enabling Technologies - National Center for HPC, Big Data and Quantum Computing, Spoke funded by the European Union – NextGenerationEU:

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| Mission 4 "Education and Research" - C2 "From research to business" - investment 1.4 - Strengthening of research structures and creation of "national R&D champions" on some Key Enabling Technologies (National Centers) | |
| <i>National Centre for HPC, Big Data and Quantum Computing</i> | |
| Reference economic category | D3 |
| Commitment scheme | Full time |
| Place of reference and service | Physics Department |
| Duration | 31 months |
| Scientific project | Title – <i>National Centre for HPC, Big Data and Quantum Computing</i> Spoke 3 - “ <i>Astro & Cosmos Observations</i> ” CUP: E83C22003230001 project code: CN_00000013 reference person: Prof. Pasquale Mazzotta |

2. The position referred to in this notice is based on the resources of the National Recovery and Resilience Plan (PNRR), Mission 4 Education and research, Component 2 from research to business, Investment 1.4 - Strengthening research structures and creation of "national R&D champions" on some Key Enabling Technologies, funded by the European Union – NextGenerationEU.

Art. 2 - Professional profile

1. The second level technologist, within the framework of the directives given to him, is required to carry out revision, analysis and technical collaboration tasks related to the research activity envisaged



in relation to the National Center for HPC, Big Data and Quantum Computing, Spoke 3 - "Astro & Cosmos Observations", with assumption of responsibility for the technical correctness of the solutions adopted.

2. In particular, the sought-after figure will have to carry out revision, analysis, technical collaboration activities as regards the development, optimization, and validation of astronomical data-analysis and simulation codes and/or algorithms with parallel versions capable of being run on multi-processors with OpenMP and MPI paradigms, or on GPU devices (OpenAcc and CUDA)

3. For this purpose, knowledge and skills (advanced level) are required in the following areas:

- - optimization of serial codes in C, Fortran and C++, also welcome Python and IDL;
- - profiling and use of optimization techniques typical for scientific codes to reach HPC level;
- - parallelization of MPI, OpenMP, CUDA, OpenACC codes to run on HPC-type computing clusters, including debugging and performance analysis (weak and strong scaling);
- - good practices of code versioning (git) and practices for shared management of sources, and test/CI (continuous integration);
- - basic technologies of Machine Learning applied to physics and its needs with respect to the necessary hardware/software;
- - various libraries in use in the scientific community.

4. The sought-after figure must also have knowledge of the English language (intermediate level) and, as regards transversal skills, strong organizational skills and attention to detail, high problem solving and critical thinking skills, excellent collaboration and communication skills.

Art. 3 - Admission requirements

1. For admission to the public selection procedure referred to in the previous art. 1 the following requirements are required:

1) be in possession of

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| (first requirement) | |
| (1) an university degree according to the previous laws in: | Physics or Mathematics or Engineering or Computer Science |
| or | |
| (2) specialized degree (in accordance with Ministerial Decree n. 509/1999) in one of the following classes: | 20/S, 23/S, 25/S, 29/S, 31/S, 32/S, 33/S, 35/S, 50/S, 61/S, 66/S. |
| or | |
| (3) master's degree (in accordance with Ministerial Decree n. 270/2004) in one of the following classes: | LM-17, LM-18, LM-20, LM-25, LM-27, LM-29, LM-32, LM-44, LM-58, LM-66. |
| <u>as well as</u> | |
| (second requirement) | |
| a particular professional qualification obtainable from | at least one year of previous work experience congruent with the activity to be carried out |
| or | |



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| | the following post-university qualifications: Doctorate in Astronomy, Doctorate in Physics, Doctorate in Mathematics, Doctorate in Computer Science, Doctorate in Computer Engineering. |
| or | |
| <i>(first requirement)</i> | |
| three-year degree, obtained pursuant to the D.M. 509/1999 or of the D.M. 270/2004, in one of the following classes: | L-8, L-17, L-30, L-31, L-35 |
| as well as | |
| <i>(second requirement)</i> | |
| a particular professional qualification obtainable from | at least three years of previous work experience congruent with the activity to be carried out |
| | or obtainable from the following post-university qualifications: Doctorate in Astronomy, Doctorate in Physics, Doctorate in Mathematics, Doctorate in Computer Science, Doctorate in Computer Engineering |

For qualifications obtained abroad, candidates are required to attach the provision relating to the legal recognition of the qualification held (equivalence/equivalence) with the Italian diploma, issued by the competent authorities.

For any information regarding the procedure for the recognition of the legal value of the foreign qualification in Italy, candidates are invited to consult the following links:

<https://www.miur.gov.it/web/guest/titoli-accademici-esteri>

<http://www.funzionepubblica.gov.it/strumenti-e-controlli/modulistica>

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

In the event that, at the time of submitting the application, the procedure for issuing the provision relating to the legal recognition of the qualification held (equivalence/equivalence) is in progress, candidates are required to produce the receipt certifying the presentation of the request without prejudice to the obligation - under penalty of forfeiture - to present the aforementioned provision for the purpose of stipulating the contract.

The lack of the provision relating to the legal recognition of the qualification held (equivalence/equivalence) or of the receipt of the presentation of the relative request determines the exclusion from participation in the public selective procedures or the impossibility of establishing the employment relationship.

2) have Italian citizenship or citizenship of another member state of the European Union. Furthermore, pursuant to art. 38, paragraphs 1 and 3 bis of the legislative decree n. 165 of 2001 and subsequent amendments, the family members of a citizen of one of the Member States of the European Union, not having the citizenship of a Member State, who are holders of the right of residence or the right of permanent residence and citizens of Third Countries who are holders of the EC residence permit for



long-term residents or who are holders of refugee status or subsidiary protection status, as well as those who are in any case in possession of one of the residence permits provided for by current legislation on immigration, which allows the stipulation of employment contracts of a subordinate nature with the public administration.

3) enjoy civil and political rights (foreign citizens must declare that they enjoy civil and political rights even in the States of origin or origin or the reasons for non-enjoyment).

4) not having received criminal convictions or other measures that exclude from hiring into service or cause dismissal from employment in public administrations.

5) be in compliance with the laws on military service obligations (this requirement is required only for Italian male citizens born within 1985).

6) not having been excluded from the active political electorate.

7) not having been dismissed or dispensed from employment in a public administration for persistent insufficient performance and not having been declared forfeited from state employment pursuant to art. 127, letter d), of the Presidential Decree n. 3 of 1957.

8) have physical fitness for continuous and unconditional service for employment.

9) be at least 18 years of age and no more than the statutory age envisaged for termination of service once the age limit has been reached.

10) have adequate knowledge of the Italian language (*this requirement must be provided by foreign citizens only*).

11) not have a degree of kinship or affinity up to and including the fourth degree with a professor belonging to the proposing structure, with the Rector, with the General Manager or with a member of the Board of Directors of the University of Rome "Tor Vergata".

2. The prescribed requirements must be possessed, under penalty of exclusion, on the expiry date of the deadline for submitting applications for admission to the procedure. Candidates are required to promptly notify any changes that may occur in relation to the possession of the requirements for admission.

Art. 4 - Applications for admission - Terms and procedures

1. To participate in the competition, candidates draw up the application according to the format published, together with the announcement, on the website of "Tor Vergata" University of Rome at https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello and attached to this letter decree (Annex A).

2. Candidates are required to send the application, addressed to the General Manager of "Tor Vergata" University of Rome, Via Cracovia, 50, 00133 Roma, duly signed and accompanied by the attachments indicated in paragraph 8 of this article, to penalty of exclusion, **within the peremptory deadline of 13:00 on the twentieth day following that of the publication of the Directorial Decree calling the procedure on the institutional website.**

3. The application and related attachments must be sent in PDF format by certified e-mail (PEC) to protocollo@pec.torvergata.it, quoting in the subject line: "*PNRR Technologist procedure question D3 - Reference n. _____*". It is recommended to consider a maximum size limit of 30 Mbytes for each PEC, with the possibility of using several successive PECs (appropriately numbered) to complete the sending of the documentation. It should be noted that the validity of the transmission of the certified e-mail message is attested respectively by the acceptance receipt and by the delivery receipt provided by the e-mail manager, pursuant to art. 6 of the Presidential Decree no. 68 of 2005.



4. Without prejudice to the provisions of the previous paragraph, it should be noted that only in the event of proven objective impossibility to activate a PEC user or to use the method of sending the application via PEC - impossibility to be notified in advance to the Administration through timely communication to concorsi@uniroma2.it – the application and its attachments can be submitted by registered mail with return receipt: in this case, candidates are required to send the documentation (not in paper format, but) **in pdf on computer storage medium** (non-rewritable CD-ROM, with indication of the candidate's name transcribed by hand). The envelope containing the IT support for storing the application and its attachments must be addressed to the Acting General Director. of the University of Rome 'Tor Vergata', Via Krakow, 50, 00133 Rome and the following data must be written in capital letters on the aforementioned envelope: name and surname of the candidate as well as the words “*PNRR Technologist procedure D3 - Reference n. _____*”. For the purposes of ascertaining the timeliness of submission of the application, the stamp of the accepting post office is the proof.

5. In the application, candidates are required to declare under their own responsibility pursuant to art. 46 and 47 of the Presidential Decree n. 445 of 2000 and subsequent amendments:

- 1) name and surname (married women must indicate their maiden name);
- 2) the place, date of birth, residential address, telephone number, PEC address, email address and tax code;
- 3) possession of Italian citizenship or that of another Member State of the European Union or of being a family member of a citizen of one of the Member States of the European Union, who, despite not having the citizenship of a Member State, holds the right to residence or the right of permanent residence or to be a citizen of third countries holding the EC long-term residence permit or to be the holder of refugee status or subsidiary protection status;
- 4) possession of the requirement referred to in Article 3, paragraph 1, point 1) or 1bis) “Requirements for admission”;
- 5) any assessable qualifications referred to in art. 10 of this announcement, considered useful for the purposes of this procedure;
- 6) any qualifications of preference with equal merit provided for by art. 11 of this announcement (these qualifications will be taken into consideration only if they are declared in the application for admission to the procedure);
- 7) the enjoyment of civil and political rights (Foreign citizens must declare that they enjoy civil and political rights even in the States they belong to or of origin or the reasons for non-enjoyment);
- 8) that they have not been excluded from the active political electorate;
- 9) the Municipality in whose electoral lists they are registered or the reasons for non-registration or cancellation from the same electoral lists;
- 10) to be immune from criminal convictions or any reported criminal convictions (even if an amnesty, pardon, pardon, judicial pardon or plea bargaining sentence has been granted) and any ongoing or pending criminal proceedings against you;
- 11) services provided to public administrations and causes for termination of previous public employment relationships (this declaration must be made even if negative);
- 12) the current position regarding military service obligations (the declaration regarding this requirement is required only of Italian male citizens born within 1985);
- 13) to have physical fitness for continuous and unconditional service for the job, to which the selection procedure refers (this declaration is not required for candidates with disabilities);



- 14) to have the need, as they are recognized as having a disability pursuant to law no. 104 of 1992 or, in application of law no. 170 of 2010, having specific learning disabilities, of the following aids and / or additional times for carrying out the tests, as per the certificate attached issued by the competent public health facility;
 - 15) to have adequate knowledge of the Italian language (this declaration must be made only by foreign citizens);
 - 16) that they have not been excluded from the active political electorate;
 - 17) that they have not been dismissed or exempted from employment in a public administration for persistent insufficient performance and that they have not been declared forfeited from state employment pursuant to art. 127, first paragraph, letter d) of the Presidential Decree 10 January 1957, n. 3;
 - 18) not to have a degree of kinship or affinity within the fourth degree including with a professor belonging to the proposing structure, with the Rector, with the General Manager or with a member of the Board of Directors of “Tor Vergata” University of Rome.
6. Any change relating to residence and/or domicile, PEC address and e-mail address, as well as telephone number, elected by the candidates for the purposes of this procedure, must be communicated to Direzione V - Divisione 4 - Competition Office of “Tor Vergata” University of Rome.
7. The Administration declines all responsibility in the event of dispersion of the communications sent by it, where such dispersion is attributable to incorrect indication of the contact details by the candidate in the application form; failure or not timely communication of the change in the contact details initially indicated by the candidate in the application form; nor assumes any responsibility for any postal or telegraphic errors or for any illegibility of the files transmitted via certified e-mail, which are not attributable to the Administration itself or which are attributable to a third party, fortuitous event or force majeure.
8. Candidates are required to attach to the application:
- a) curriculum vitae, drawn up in Italian and possibly also in English, digitally signed or dated and signed with a handwritten signature at the bottom, initialed on each page, with the explicit indication that everything stated is true, pursuant to and for the purposes of articles 46 and 47 of the D.P.R. no. 445 of 2000. Please note that the curriculum vitae, attached to the application, has only cognitive value;
 - b) qualifications, documents and publications deemed useful for the purposes of this procedure and related lists;
 - c) copy (front and back) of the identity document;
 - d) copy (front and back) of the tax code;
 - e) (for candidates recognized as having a disability pursuant to law n.104 of 1992 and, in application of law n.170 of 2010, for candidates with specific learning disabilities regarding the necessary aid and/or any need for additional time for carrying out the tests, pursuant to the aforementioned laws) certificate issued by the competent public health facility;
 - f) (only for non-European citizens) copy of the valid residence permit;
 - g) (only for candidates who have obtained their qualifications abroad) decree of equivalence or determination of equivalence or receipt of delivery of the related application requests.
8. Applications sent by certified e-mail or sent after the expiry of the peremptory term established by this article.



9. Failure to sign the application or lack of the essential elements thereof will result in exclusion from the procedure.

Art. 5 Waiver of the procedure

1. Candidates who, having proposed their application for admission to the procedure, intend to renounce participating in the procedure itself, are required to submit a specific note (in PDF format), containing the declaration of renunciation, accompanied by a photocopy of the identity document, using one of the following alternative modes:

- a) sending by certified e-mail (PEC) to the address protocollo@pec.torvergata.it;
- b) sending by e-mail to the address: concorsi@uniroma2.it.

2. This waiver is irrevocable.

Art. 6 - Exclusion from the selective procedure

1. Candidates are admitted to the procedure with reservations.
2. Exclusion from the procedure can be ordered at any time with a managerial measure notified to the excluded candidate.

Art. 7 - Examining commission

1. The examining commission of the selective public procedure is appointed by decree of the General Manager on the proposal of the Council of the Department to which the technologist will work and made public on the website of "Tor Vergata" University of Rome at the link:

https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello

2. The examining commission is made up of three members, experts in the subjects covered by the selection procedure, chosen from among professors and researchers, including those outside the University. The examining commission can be supported by experts for the assessment of language and/or computer skills, whose opinion the commission will take into account when assigning the score. A secretary, chosen from among the technical, administrative and librarian staff of the University, participates in the work of the commission, with reporting functions.

3. The commission is required to conclude the work within three months from the date of the preliminary session.

4. If the works are not completed within the aforementioned deadline, the General Manager may grant an extension, having assessed the reasons for the request by the chairman of the commission, or with a motivated provision, start the procedures for the replacement of the members to whom the causes are attributable of the delay, while establishing a new and appropriate deadline for the conclusion of the works.

5. The commission carries out its work in the presence of all the members, takes its resolutions by an absolute majority of the members and makes use of telematic tools for collegial work.

6. The commission, before carrying out the examination tests, elaborates the traces of the written test and the questions to be asked to the candidates for the oral test and establishes the criteria and methods for evaluating the tests themselves.

7. The criteria and methods for evaluating the exams and qualifications must be formalized in the relevant minutes in order to justify the scores to be attributed to the qualifications and individual tests.

Art. 8 - Examination tests



1. The examination tests, which will take place in person, consisting of a written test - also with a theoretical and/or practical content - and an oral test, are aimed at ascertaining the knowledge and skills and professional qualification required.
2. The examining commission has a total of 100 points at its disposal, of which 30 are reserved for the written test, 30 for the oral test and 40 for the evaluation of qualifications.
3. The written test will consist of open-ended questions or a short essay and will focus on one or more of the subjects referred to in article 2, paragraph 3 of this summoning decree. For the evaluation of the written test, the commission has 30 points. Candidates who have obtained a score of no less than 21/30 in the written test will be admitted to the oral exam.
4. The **oral exam** will focus on the subjects referred to in Article 2 of the announcement as well as on the assessment of knowledge of the English language, written and spoken, and of the IT language. For the evaluation of the oral exam the commission has 30 points. The oral exam is passed if the candidate scores not less than 21/30.
5. The examination of candidates admitted to the oral exam will be carried out in alphabetical order.
6. The sessions of the examining commission during the oral exam are public and designed to ensure maximum participation.
7. At the end of the oral exam or of each session of the oral exam, the commission will draw up the list of candidates examined with the indication of the marks obtained by each, which will be posted at the exam site or - in case of carrying out the electronic test - will be published on the website of "Tor Vergata" University of Rome at:
https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello
8. The final score for each candidate consists of the sum of the average of the marks obtained in the written tests, the mark obtained in the evaluation of qualifications, as per article 10 below and the score obtained in the oral examination.

Art. 9 - Diary of the examination tests

1. The place, date and time of the exams, as well as the list of candidates admitted to the oral exam will be communicated with a notice published on the website of "Tor Vergata" University of Rome at:
https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello
2. The notices indicated above have the value of notification for all legal purposes. Therefore, candidates are required to appear or log in, without further call or notice, at the headquarters or on the platform, on the day and at the time indicated by the notices referred to in the previous paragraph.
3. To be admitted to take the exam tests, candidates must have a valid identification document and a receipt certifying the effective submission of the application, to be shown in case of need.
4. Failure to present candidates to any of the examination tests - whether they take place in person or electronically - will be considered as a definitive manifestation of the will to renounce the procedure, whatever the cause.

Art. 10 - Valuable qualifications

1. The examining commission has 40 points at its disposal for the evaluation of qualifications.
2. The categories of qualifications that can be assessed, as long as they pertain to the activities of the place offered, are the following:

| 1) educational and training qualifications | Max 15 points: |
|--|-----------------------|
| a) academic qualifications such as post-graduate specialization diploma, research doctorate, university master's degree, university specialization | |



| | |
|---|---------------|
| course, if not required by the call as a requirement for access and used for this purpose by the candidate | Max 10 points |
| b) certificates of training activities with final evaluation issued following the attendance of professional training courses organized by public administrations or private bodies (max 5 points) | Max 5 points |
| 2) professional experience | |
| massimo 15 punti | |
| professional experience gained in the context of employment relationships at “Tor Vergata” University of Rome, public or private entities or in the performance of freelance activities / collaborations / entrepreneurial activities carried out on their own, pertaining to the position sought. The period exceeding that required as an access requirement and used for this purpose by the candidate is the subject of evaluation | |
| 3) technical or specialist qualifications | |
| max 10 points | |
| a) scientific publications: articles published in scientific journals, communications published in conference proceedings, books or contributions to books, patents | max 8 points |
| b) participation, as speaker, in conferences, courses and seminars | max 2 points |

3. The evaluation of qualifications, after identifying the criteria, is carried out after the written test and before correcting the written test. The result of the evaluation of qualifications is published on the institutional website of “Tor Vergata” University of Rome, at the link

https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello

4. The qualifications, documents and publications deemed useful for the purposes of this procedure must be possessed on the expiry date of the call for the selection and must be produced within the aforementioned deadline together with the application for admission to the selection. Titles, documents and publications produced after the expiry of the term referred to in art. 4, paragraph 2 of this announcement will not be evaluated.

5. The documents, qualifications and publications deemed useful for the purposes of the procedure must be presented in the form of self-certification pursuant to articles 19, 46 and 47 of the Presidential Decree 28 December 2000, no. 445 and subsequent amendments. In the self-declaration, candidates are required to analytically and precisely specify every element useful for the purpose of assessing qualifications and carrying out the necessary checks on the truthfulness of the self-certified data (for example: duration of the employment relationship - dd/mm/ yy of start and end of employment, employer, training institution, duration in days of the training course, possible evaluation or final test of the training course, etc.).

6. Only publications or texts accepted for publication will be evaluated, together with the publisher's confirmation letter, according to the regulations in force, as well as essays included in collective works and articles published in journals in paper or digital format with the exclusion of internal notes or departmental reports if they do not have an international ISSN or ISBN.

7. For publications published abroad, the following details must be provided: the date, place of publication or, alternatively, the ISBN code or other equivalent.

8. For publications published in Italy, before 2 September 2006, the obligations must be fulfilled according to the forms provided for by art. 1 of the Lieutenant Decree of 31 August 1945, n. 660;



starting from 2 September 2006, the obligations must be fulfilled according to the forms established by the law of 15 April 2004, n. 106 and the relative regulation issued with D.P.R. 3 May 2006, no. 252.

9. Publications, documents and titles must be produced in the original language, accompanied by a translation into Italian or English, certified as conforming to the foreign text, drawn up by the competent diplomatic or consular representation or by an official translator, or drawn up by the person presenting the candidacy and declared conforming to the original text by substitutive declaration of the deed of notoriety pursuant to art. 47 of the Presidential Decree 445/2000.

10. Pursuant to current legislation, the Public Administration cannot accept certificates containing information already held by the Italian Public Administration, therefore, in this case, only self-declarations will be accepted.

11. The Administration will carry out appropriate checks on the truthfulness of the self-declarations pursuant to art. 71 of the Presidential Decree 28 December 2000, no. 445 and subsequent amendments.

12. The documents and qualifications declared by the candidates in the application, if required for investigative purposes at any stage of the procedure, must be presented within the mandatory deadline set by the Administration.

Art. 11 - Preferences with equal merit

1. The categories of citizens who are entitled to a preference for equal merit pursuant to art. 5, paragraph 4, of the Presidential Decree n. 487 of 1994 and subsequent amendments are the following:

- a) those awarded with the medal for military valor;
- b) the mutilated and disabled ex-combatants of war;
- c) the mutilated and disabled as a result of war;
- d) the mutilated and disabled for service in the public and private sector;
- e) war orphans;
- f) orphans of those who have died as a result of war;
- g) orphans of those killed for service in the public and private sectors;
- h) those injured in combat;
- i) those awarded a war cross or other special certificate of war merit, as well as heads of large families;
- j) the children of the disabled and ex-combatants of war invalids;
- k) the children of the mutilated and disabled as a result of war;
- l) the children of the maimed and disabled for service in the public and private sector;
- m) widowed parents who have not remarried, the spouses who have not remarried and the widowed or unmarried sisters and brothers of those killed in war;
- n) widowed parents who have not remarried, the spouses who have not remarried and the widowed or unmarried sisters and brothers of those who died as a result of war;
- o) widowed parents who have not remarried, spouses who have not remarried and the widowed or unmarried sisters and brothers of those who died for service in the public and private sectors;
- p) those who have served in military service as combatants;
- q) those who have rendered commendable service in any capacity, for no less than one year in the administration that launched the competition;
- r) married and unmarried persons with regard to the number of dependent children;
- s) the disabled and the mutilated civilians;
- t) volunteer soldiers of the Armed Forces discharged without demerit at the end of the detention or re-enactment.

2. In case of equal merit, preference is determined:



- 1) the number of dependent children, regardless of whether the candidate is married or not;
- 2) from having given commendable service in public administrations;
- 3) from the minor age.
3. Preference qualifications of equal merit must be held on the expiry date of the deadline for submitting the application for admission to the procedure and are taken into consideration only if they are declared by the candidate in the application for participation in the procedure with the specification of the membership category.

Art. 12 - Formation and approval of the merit ranking

1. The merit ranking is formed according to the descending order of the overall score reported by each candidate, with the observance, with the same score, of the preference titles of equal merit declared in the application for admission and specified in the previous art. 11.
2. The candidate usefully placed in the ranking is declared the winner within the limits of the place available, under the condition precedent of ascertaining the requisites required for admission to employment.
3. After verifying the formal validity of the documents, the merit ranking, together with the winner's declaration, is approved by the General Manager with his own decree.
4. The decree, immediately effective, is published within 30 days from the date of the oral exam on the website of "Tor Vergata" University of Rome at https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello and is valid under the law.
5. From the date of publication of the directorial decree approving the acts, the deadline for possible appeals begins.

Art. 13 - Establishment of the employment relationship

1. The recruitment of the winner of the selection takes place subject to the absence of constraints of a regulatory and financial nature, including the actual making available by the competent bodies (Ministry, National Centres, Hubs, Spoke leaders, etc.) to in favor of the University of Rome "Tor Vergata" of the funding envisaged in relation to the initiatives of the National Recovery and Resilience Plan".
2. The successful candidate enters into a 31-month fixed-term employment contract with the University of Rome "Tor Vergata", with a full-time commitment regime, as a second-level technologist, governed by the provisions in force in the field.
3. The winner must take up service within the deadline indicated in the notice; failure to take up service, without a justified reason, within the established term entails the forfeiture of the right to stipulate the contract. If the winner takes up service, for a justified reason, with a delay with respect to the set deadline, the legal and economic effects start from the day of effective service.
4. The fixed-term subordinate employment contract established with the technologist is signed by the General Manager.
5. The employment relationship is governed by the individual contract and by the provisions in force on the subject of subordinate work, also with regard to tax, welfare and social security treatment, provided for income from employment.
6. The successful candidate in the procedure, hired on a fixed-term basis, is entitled to remuneration based on that envisaged for category D, economic position D3, as per resolution 3) of the Board of Directors, passed at the meeting of 10 January 2023 and mentioned in the introduction.



7. The technologist is subjected to a trial period of one month, which is neither renewable nor extendable upon expiry. Once half of the trial period has elapsed, in the remaining period each of the Parties may withdraw from the relationship at any time without the obligation to give notice or indemnity in lieu of notice. The withdrawal of the Administration must be motivated.

8. Once the trial period has elapsed without the employment relationship being terminated by one of the Parties, the technologist is deemed to be confirmed in service, for the duration of the contract, with recognition of the relative seniority from the day of hiring on probation.

9. The termination of the employment relationship is determined by the expiry of the term or, after the trial period, by the withdrawal of one of the Parties if a cause occurs which, pursuant to art. 2119 of the Civil Code, does not allow the continuation, even provisionally, of the relationship.

10. In the event of withdrawal, the salary is paid up to the last day of actual service, including the accruals of the thirteenth month and the salary corresponding to the days of vacation accrued and not taken.

11. The termination of the contract, without prior notice, is the cancellation of the selection procedure which constitutes the prerequisite.

12. The contract referred to in this article does not give rise to rights regarding access to the roles of the academic staff or the technical-administrative staff of the University, nor can it be transformed into a permanent contract.

Art. 14 - Treatment of personal data - Information

1. Pursuant to current legislation, the processing of personal data provided in the application form, possibly communicated with supplementary documents of the aforementioned application or otherwise acquired by “Tor Vergata” University of Rome (eg. judicial; requests for confirmation of qualifications from schools, universities, etc.), is aimed at completing and managing the procedure for hiring into service, as well as, where required by the call, for the rankings. The data processing is carried out by authorized personnel and is carried out with the use of computerized procedures, in the ways and within the limits necessary for the pursuit of the aforementioned purposes

2. The data controller is “Tor Vergata” University of Rome in the person of the legal representative the Rector pro tempore, with registered office in Rome (00133), Via Cracovia, 50 (PEC direzione.generale@pec.uniroma2.it)

3. The information, provided in accordance with current legislation, is available on the institutional website at the page:

https://web.uniroma2.it/it/contenuto/trattamento_dei_dati_personali

Art. 15 - Organizational unit responsible and in charge of the procedure

1. The organizational unit responsible for the procedure, pursuant to articles 4 and 5 of the law of 7 August 1990, n. 241 and subsequent amendments, is Directorate V - Division 4 - Competitions Office (e-mail: concorsi@uniroma2.it).

2. The person in charge of the procedure is Dr. Annalisa De Cesare – head of the Competitions Office (email: concorsi@uniroma2.it).

Art. 16 - Final provisions

1. For all that is not expressly provided for in this announcement and, as far as compatible, the current university legislation and that on insolvency procedures as well as on access to jobs in the public administration are applied.



2. This decree is acquired in the official collection of the University and is published on the website of “Tor Vergata” University of Rome at:

https://web.uniroma2.it/it/percorso/ufficio_concorsi/sezione/tecnologi_di_secondo_livello

3. This decree is also advertised in excerpt, in Italian and English, on the following sites:
<http://bandi.miur.it> and <http://ec.europa.eu/euraxess>.

ACTING GENERAL MANAGER

(Dr. Silvia Quattrociocche)