NATIONAL RECOVERY AND RESILIENCE PLAN (NRRP) MISSION 4 "EDUCATION AND RESEARCH" - COMPONENT 2 "FROM RESEARCH TO ENTERPRISE", INVESTMENT LINE 3.1, "FUND FOR THE CREATION OF AN INTEGRATED SYSTEM OF RESEARCH AND INNOVATION INFRASTRUCTURE", FINANCED BY THE EUROPEAN UNION – NEXT GENERATION EU, REFERENCE ACTION 3.1.1 "CREATION OF NEW RI OR ENHANCEMENT OF EXISTING ONES CONTRIBUTING TO THE OBJECTIVES OF SCIENTIFIC EXCELLENCE OF HORIZON EUROPE AND NETWORKING".

PROJECT "PATHOGEN READINESS PLATFORM FOR CERIC-ERIC UPGRADE (PRP@CERIC)". Implementing Entity Area Science Park CUP J97G22000400006.

PROJECT "Nano Foundries and Fine Analysis – Digital Infrastructure (NFFA-DI)" CUP IMPLEMENTING Entity CNR CUP B53C22004310006.

PUBLIC SELECTION, ON THE BASIS OF QUALIFICATIONS AND EXAMINATIONS, FOR THE RECRUITMENT, WITH A FULL-TIME, FIXED-TERM EMPLOYMENT CONTRACT, OF 4 TECHNOLOGIST POSITIONS WITH PROFESSIONAL LEVEL III OF THE C.C.N.L. (NATIONAL LABOUR COLLECTIVE AGREEMENT) EDUCATION AND RESEARCH, INCLUDING 1 POSITION FOR THE PROJECT NRRP - PRP@CERIC CUP J97G22000400006 AND 3 POSITIONS FOR THE PROJECT NRRP - NFFA-DI CUP B53C22004310006.

CALL NO. TD8/2023

Profile A) GENOMIC TECHNOLOGIST **project PRP@CERIC**	**no. 1 position**
Profile B) ELECTRON MICROSCOPY TECHNOLOGIST **NFFA-DI project**	**no. 2 positions**
Profile C) DATA ENGINEER **NFFA-DI project**	**no. 1 positions**

Article 1 – Places available for selection

Scientific and Technological Research Area of Trieste, hereinafter referred to as Area Science Park, announces a public recruitment process, based on qualifications and examinations, for the recruitment, with a full-time, fixed-term employment contract, of **4** Technologist positions with professional level III of the C.C.N.L. (National Collective Labour Agreement) Education and Research for the **projects NRRP- PRP@CERIC and NFFA-DI according to the profiles specified in profile sheets A),B) and C). Call reference no. TD8/2023.**

The following elements are indicated in the reference annex for each profile: the identification code, the number of positions, the duration of the contract, the degree classes required for admission, the activities covered by the contract and the place of work.

Candidates may apply for both profiles provided they meet the specific admission requirements.

For all profiles, candidate technologists are required to:

- have a good knowledge of English, assessed during the spoken test;
- have knowledge of the main open source software and/or proprietary programmes that can be used to support the analysis of data resulting from the research activity, to be ascertained during the interview by the Board of Examiners;
- be available for travel, both in Italy and abroad.

Area Science Park guarantees equal opportunities between men and women for access to employment and treatment at work, pursuant to Italian Legislative Decree no. 198 of 11 April 2006.

The recruitment referred to in this call is incorporated in the Need for Staff plan for the three-year period 2023-2025 and will, in any case, be subject to any further legislative and financial constraints that may arise before the employment contract is finalised.

The actual duration of the employment contract, indicated in the profile sheet attached, depends both on the activity envisaged in the project and on the actual date of starting employment.

The employment contract may be extended and/or renewed, within the limits established by the general legislation in force at the time with regard to flexible work and employment contracts, also within the NRRP, subject to checking the availability of funds and the consent of the person concerned.

Recruitment covered by this notice will be carried out in compliance with the general provisions of article 36 of Legislative Decree no. 165/2001 and the special regulations set forth for the recruitment of temporary staff in the context of NRRP projects.

Article 2 – Admission requirements

The following requirements must be met for admission to the selection process:

a) Italian citizenship, i.e. citizenship from one of the member states of the European Union; family members of citizens of the member states of the European Union who are not nationals of a member state and who hold the right to stay or the right of permanent residence, or third-country nationals who hold an EU long-term residence permit or refugee status or subsidiary protection status may also participate;

b) enjoyment of civil and political rights. For candidates who are not Italian citizens and who do not hold refugee status or subsidiary protection status, enjoyment of civil and political rights refers to the country in which citizenship is held;

c) **for both profiles, a Master's Degree** (pursuant to M.D. no. 270/2004) or a Specialist Degree (pursuant to M.D. no. 509/1999) or a Degree from the old system, which is declared comparable or equivalent for the purposes of participation in public competitions or a similar foreign qualification, is required. An indication of the equivalent titles can be found in the MUR website https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio.

   Details of the required degree classes can be found in the attached profile sheet.

   Holding one of the qualifications listed in the profile sheet is waived for candidates who have obtained a PhD, provided that this is relevant to the activities described in the attached profile sheet. The Board of Examiners is responsible for ascertaining the relevance of the PhD.

   In the case of a foreign qualification, the application must be accompanied by recognition of said qualification (information on the website https://www.cimea.it/). In the absence of recognition, given the requirements of article 38 of Legislative Decree 165/2001, it is possible to participate in the selection procedure presenting a receipt of submission of the equivalence confirmation request. The official recognition of the foreign qualification must in any case be produced to the Administration, under penalty of forfeiture of the position occupied in the ranking list, within 90 days of the publication of the order approving the ranking list;

d) one of the following academic requirements or type of professional/research experience:

   d1) **PhD, relevant** to the activities described in the reference profile sheet, section **"DESCRIPTION OF THE POSITION";**

   d2) **having carried out, for at least a three-year postgraduate period, professional or research activities,** including under fixed-term contracts or research grants at universities or qualified public or private bodies, organisations or research centres, or at other bodies or private companies, in at least one of the fields described in the attached profile sheet, section: **"DESCRIPTION OF THE POSITION".**

   The activity must be inferred from the information provided in the application; assessment of the relevance of the PhD or work activity is entrusted to the Board of Examiners;

e) not having been excluded from the active electorate, nor having been dismissed or disqualified from employment with a public administration due to persistent insufficient performance, based on sector regulations, nor having had their employment terminated for the same reasons, or for disciplinary reasons pursuant to applicable legislative or contractual rules, nor declared as disqualified for having obtained a position or having being hired on the basis of false documents or documents with non-remediable invalidity, nor having previous convictions with final judgement for crimes preventing employment with a public administration, even if the benefit of no mention in criminal-record certificates has been granted. Those involved in current criminal proceedings, administrative proceedings for the application of security or prevention measures or previous convictions included in criminal records, pursuant to article 3 of Presidential Decree no. 313 of 14 November 2002, shall disclose this at the time of application, specifying the date of the order and the judicial authority that issued it or that by which any criminal proceeding will be heard;

f) physical fitness to perform the duties to which the selection relates. This requirement will be ascertained prior to employment;

g) good knowledge of English, to be assessed during the interview by the Board of Examiners;

h) have knowledge of the main open source software and/or proprietary programmes that can be used to support the analysis of data resulting from the research activity, to be ascertained during the interview by the Board of Examiners;

i) foreign candidates must possess adequate knowledge of the Italian language, to be demonstrated through the provided test.

Candidates will be admitted to the selection process subject to verification that they meet the set requirements.

All requirements must be fulfilled both by the deadline for submitting applications for admission to the selection, under penalty of exclusion, and at the time of signing of the employment contract.

The requirements set out from points a) to e), with the exception of the cases referred to in the third paragraph of point c), are verified by the Person in charge of the procedure.

The requirements set out in point c), third paragraph, and points d), g), h) and i) are verified by the Board of Examiners.

The Administration reserves the right to request, at any time during the procedure, the documentation proving the requirements are met, or to ascertain this directly.

Failure to satisfy even just one of the above requirements will result in exclusion from the process at any time.

Art. 3 – Submitting the application – Deadlines and methods

Applications for participation in the selection procedure must be submitted exclusively via the Unified Recruitment Portal, hereinafter "the Portal", available at the following address: https://www.InPA.gov.it/, by filling in the specific online form, after reading this call for applications.

The application must be submitted by no later **12:00 (midday) on 17 november 2023**.

Failure on the part of candidates to comply with the above deadlines and procedures for submitting their applications will result in their ineligibility for selection.

Any documents or additions to the application sent by means other than those provided for in this call will not be taken into consideration.

As soon as the application is submitted, the system will automatically send an e-mail confirming the successful receipt to the registration address, containing an attached summary of the signed application in PDF format, valid as a receipt.

The candidate may edit or add to the application form up until the deadline for the recruitment call, even if the application has already been submitted. In such cases, only the most recent version of the application will be considered.

In the event of partial or total error of the digital platform preventing its use for submission of the application form or corresponding attachments, an extension of the deadline equal to the duration of the error shall be applied for submission of the application in question. Area Science Park shall be responsible for establishing the existence of such errors and a notification of the extension will be published on the website of the Institution and on the Portal.

Area Science Park assumes no responsibility for the dispersion of communications due to inaccurate indication of the digital address provided by the candidate or failure or delay in communicating any change of the same, nor for any digital errors that are not attributable to the administration.

All communications with candidates regarding the selection process, including the calendar of tests and results, are sent using the Portal.

All information regarding the selection procedure will also be published on the website of the Institution at https://www.areasciencepark.it/lavora-in-area/, in the section "Current public selections", reference call **TD8/2023**.

Candidates are therefore invited to monitor the Portal and the aforementioned webpage to check for notices.

For any further information and/or requests for IT support, please write to: concorsi@areasciencepark.it.

When filling out the application form, each candidate should indicate the following information as a declaration in lieu of certification in accordance with article 46 of the consolidated act pursuant to Presidential Decree no. 445 of 28 December 2000:

a) name, surname and tax code;

b) date and place of birth;

c) Italian citizenship or citizenship of another European Member State, pursuant to art. 38 of Legislative Decree 165/2001, or refugee status or subsidiary-protection status, or citizenship of third countries and possession of an EU permit of stay for an extended period and enjoyment of civil and political rights in the country of citizenship;

d) address of residence or domicile, where this differs from the residence address, PEC certified email address or digital domicile in the applicant's name that will be used to receive correspondence regarding the selection procedure, along with a telephone contact number;

e) the municipality where the applicant is registered in the electoral role or an explanation of their absence or removal from the electoral role;

f) applicants who do not hold Italian citizenship must meet all the requirements for Italian citizens and enjoy civil and political rights in the country in which they hold citizenship;

g) the fact that they have not been dismissed or disqualified from employment with a public administration for persistent inadequate performance, nor been declared disqualified for having obtained the appointment or employment using false documents or documents with non-recoverable invalidity, nor been dismissed pursuant to applicable legislative or contractual rules;

h) holding the specific Master's Degree (pursuant to M.D. no. 270/2004) or a Specialist Degree (pursuant to M.D. no. 509/1999) or a Degree from the old system is required, as requested in the reference profile sheet attached to this call. In the case of a foreign qualification, the application must be accompanied by recognition of said qualification that has already been obtained, or, in the absence of such recognition, by a receipt of submission of the equivalence confirmation request;

i) satisfaction of one of the requirements set out in letter d) of Article 2 of this call;

j) knowledge of the main open source software and proprietary programmes that can be used to support the analysis of data resulting from the research activity, to be ascertained during the interview;

k) good knowledge of English, to be assessed during the interview;

l) for foreign candidates only, adequate knowledge of the Italian language, to be demonstrate through the provided test;

m) possession of the merit qualifications to be evaluated as set out in Article 6 below;

n) that they have no criminal convictions with final judgments and are not involved in current criminal proceedings, administrative proceedings for the application of security or prevention measures or previous convictions included in criminal records, pursuant to article 3 of Presidential Decree no. 313 of 14 November 2002. If this is not the case, they must indicate such convictions, administrative proceedings and all previous convictions, specifying the date of the order and the judicial authority that issued it or that by which any criminal proceeding will be heard, even if the benefit of no mention in criminal-record certificates has been granted;

o) any requirement for aids, in relation to a disability, in the performance of tests for the recruitment procedure, and/or any requirement for additional time pursuant to art. 20 of Law no. 104 of 5 February 1992, as well as any special exemptions, support tools and/or additional time required in accordance with the provisions of Ministerial Decree of the 9 November 2021 in favour of parties with specific learning difficulties ("*DSA*"). Such requirements must be appropriately documented and detailed in a specific declaration submitted to the medical-legal board of the local health authority ("*ASL*") or an equivalent public authority, which the candidate must upload in the section "Additional Information", subsection "Attachments";

p) not to be related by blood or affinity up to and including the fourth degree of kinship with the Directors of the Division, Department or Institute, with the General Manager, or with the members of the Board of Directors of Scientific and Technological Research Area of Trieste – Area Science Park, and not to be married to one of the same persons (the list of the above-mentioned persons is available on the website at the links https://www.areasciencepark.it/amm-trasparente/titolari-di-incarichi-politici-di-amministrazione-di-direzione-o-di-governo/, https://www.areasciencepark.it/amm-trasparente/titolari-di-incarichi-dirigenziali-amministrativi-di-vertice/ and https://www.areasciencepark.it/amm-trasparente/titolari-di-incarichi-dirigenziali/);

q) awareness that any individual communication concerning this selection procedure will be forwarded by the Administration to their certified email address ("*PEC*") or to a digital domicile in their name;

r) that they undertake to notify any subsequent changes in the certified email address ("*PEC")* or digital domicile in their name, or other contact details;

s) possession of any qualifications giving preference in the event of equal points, to be applied in the event of equal points, as indicated in Art. 9 below.

Registration on the Recruitment Portal implies consent to the processing of personal data in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 and Legislative Decree no. 196 of 30 June 2003.

Any personal communications concerning this procedure shall be sent to the certified e-mail address ("*PEC*") or digital domicile indicated by the candidate in the application. Area Science Park accepts no responsibility for any inaccurate indication of contact details by the candidate or failure or delay in communicating changes to these details.

The Administration reserves the right to carry out checks, including sample checks, on the truthfulness of the declarations submitted both during the procedure and at its conclusion. False declarations may result in the enforcement of the criminal sanctions set forth in article 76 of the consolidated act pursuant to Presidential Decree no. 445 of 28 December 2000, and in the forfeiture of the right to be recruited to the post advertised.

It is the applicant's responsibility to include in the application all the information necessary for the assessment of qualifications. Information entered in the online application that does not contain the elements needed for the evaluation will not be taken into consideration by the Board.

The application for participation in the selection procedure, which must be completed in full, must be accompanied by **a complete list of the candidate's publications and printed works**, indicating **the five products chosen for evaluation, the latter being uploaded onto the InPa portal form**.

Scientific publications or other scientific products must be submitted in Italian or in English.

The required documents to be attached to the application must be in PDF format and the size of each file may not exceed 20 MB.

ONLY FOREIGN CANDIDATES, providing they meet all the requirements set out in art. 2 of this recruitment call, in the case of absolute and justified impossibility of access to the InPA portal through the established systems, may send their application by filling out the application forms available for download from the Area Science Park website at the following link: https://www.areasciencepark.it/lavora-in-area/. Exclusively in this specific case, the completed and signed forms, along with the required attachments, must be sent by email to the **certified email address ("PEC") of the Institution: protocollo@pec.areasciencepark.it by the deadline for this recruitment call.**

Art. 4 – Grounds for exclusion from selection

Grounds for exclusion from selection include:

a) submission of an incomplete application that does not contain one or more of the declarations required;

b) submission of the application and related attachments in a manner other than that indicated in Article 3;

c) failure to meet the admission requirements set out in Article 2 of the call or in the relative profile;

d) submission of untrue declarations and/or false documents or documents with non-remediable validity in relation to the fulfilment of the admission requirements or of the priority (exemption), preference or merit qualifications ascertained by the Administration at any stage of the procedure.

If any of the aforementioned grounds for exclusion exist, the General Manager of Area Science Park may at any time order exclusion of the candidate from the selection procedure. Should the reasons for exclusion be ascertained after the selection procedure has been completed, the General Manager shall order the forfeiture of all rights resulting from participation in the selection.

Art. 5 – Board of Examiners

The General Manager of Area Science Park, by his/her/their own decision, will appoint the Board of Examiners, consisting of three members (a chairperson and two other members) and two alternate members, in application of the provisions of the Personnel Regulations in force at the time.

The same procedure shall be followed to appoint the secretary of the Board, chosen from among the employees of Area Science Park, to act as minutes taker.

The Board of Examiners may also carry out its work electronically, while ensuring the security and traceability of communications.

The meetings must, in any case, be held in a collective session and the related deeds definitively signed with digital/handwritten signatures.

Art. 6 - Methods applied for selection procedure and valid qualifications

The selection is based on qualifications and examinations. The examinations consist of a written test and a spoken test. The Board of Examiners will have a total of **100 points** available, broken down as follows:

- **30 points** for the evaluation of merit qualifications;
- **70 points** for the evaluation of the examination papers.

The **70 points** allocated for the evaluation of the examination papers will be distributed as follows:

- **20 points** for the written test;
- **50 points** for the spoken test.

For the evaluation of the merits, the Board will distribute the score as specified below:

A. Educational and professional curriculum: up to a maximum of 20 points

The Board will score the Curriculum by assessing the following aspects:

a) have research experience, in any capacity whatsoever, in research centres, bodies, organisations and institutions, whether national or international, public or private (unless such activity has already been assessed for the purposes of admission under Article 2(d2));

b) consistency of the educational path and the research activity carried out with the subject area for which the application is submitted;

c) having directed, coordinated or participated in national or international competitive scientific and/or industrial research projects and programmes;

d) complexity and duration of the research experience gained;

e) having obtained national or international recognition.

The CV must be drafted in an analytical manner and contain all the elements for the proper evaluation of all the qualifications listed therein.

B. Publications and printed works identified through the relevant DOI, <u>for no more than 5 products</u>: up to a maximum of 10 points

The Board will take the following general criteria into account when assessing each product:

a) consistency of each product submitted with the scientific activity envisaged in the profile sheet attached to the competition notice;

b) originality, innovativeness and relevance of each product in the science or technology area and its dissemination.

If the candidate submits a number of products that exceeds the required number, the products over five will be excluded from the evaluation.

The scientific publications or other scientific products referred to in this Article must be submitted in Italian or in English.

The Board of Examiners will determine or detail the criteria for assessing the merit qualifications set out in this Article, before examining the declaration relating to the qualifications themselves, and in any case before carrying out the spoken test.

The score for the merit qualifications submitted by candidates will be awarded by the Board <u>after the spoken test</u>.

In any case, qualifications not expressly declared in the recruitment application shall not be considered and the Board of Examiners will only evaluate qualifications complete with information required for their evaluation.

All valid qualifications must be held by the deadline for applications to the selection procedure.

The arrangements for the tests will be published on the Portal and the Institution's website in good time.

Art. 7 - Examination

Candidates admitted to the selection procedure will take a written test and a spoken test aimed at ascertaining their professional preparation and possession of the skills required to perform the activities as described in the profile attached to this recruitment call.

THE LIST OF INDIVIDUALS ACCEPTED FOR THE WRITTEN TEST, along with the TEST SCHEDULE, indicating the date, time and location of the test, will be published on the Portal and on the website of the Institution under Public Selections » Area Science Park, reference call **TD8/2023, with at least 15 days' notice prior to the date set for the written test.**

References of candidates not admitted to the test will not be published.

PLEASE NOTE THAT, FOR CONFIDENTIALITY REASONS, THE FIRST AND LAST NAMES OF CANDIDATES ADMITTED TO BOTH THE WRITTEN AND SPOKEN TESTS WILL NEVER BE PUBLISHED, BUT ONLY THEIR PARTIALLY OBSCURED TAX CODE (ONLY THE FIRST THREE AND LAST FIVE ALPHANUMERIC CHARACTERS WILL BE VISIBLE).

This publication shall be equivalent to a notification for all intents and purposes.

The written test, which will be prepared digitally using tools provided by the Institution, will consist of answering open-ended questions and/or multiple-choice tests on the topics described in the attached profile.

During the written test, candidates are not permitted to communicate with each other verbally or in writing, nor to engage with others, with the exception of members of the Board of Examiners and the supervisors.

It is strictly forbidden, under penalty of exclusion, to bring into the examination venue mobile telephones and any instrumentation enabling candidates to communicate with the outside world, as well as digital storage media. Area Science Park will organise an appropriate equipment storage service, at the examination venue.

Candidates may not bring notepaper, written notes, books or publications of any type into the test.

Candidates must bring a valid form of personal ID.

The written test will be awarded a maximum overall score of **20 points**.

The test will be considered passed with a minimum score of 7/10 or equivalent and this score will allow admission to the spoken test.

By the day of the written test, candidates admitted to the written test must submit their *Curriculum Vitae et studiorum* signed and marked *"The information contained in this CV is given under the personal responsibility of the undersigned in accordance with articles 46 and 47 of Italian Presidential Decree no. 445 of 28 December 2000, aware of the criminal liability provided for under article 76 of said Presidential Decree in the case of falsehoods in the documents or untruthful declarations"* to the PEC address protocollo@pec.areasciencepark.it via their own PEC.

THE LIST OF INDIVIDUALS ACCEPTED FOR THE SPOKEN TEST, along with the score achieved in the written test and the TEST SCHEDULE, indicating the precise date, time and location for the spoken test, will be published on the Portal and on the website of the Institution under Public Selections » Area Science Park, reference **call TD8/2023, with at least 15 days' prior notice**.

References of candidates not admitted to the spoken test will not be published.

This publication is equivalent to a notification for all intents and purposes.

The **spoken test** will entail a presentation of a maximum of 12 minutes, for which a computer support can be used, on how the candidate understands, starting from his/her own skills, the role described in the applicable profile, along with an interview aimed at assessing professionalism and ascertaining the experience required to carry out the activities contained in the profile sheet attached in the "DESCRIPTION OF THE POSITION AND ACTIVITIES" section, as well as on the written test, the curriculum and the list of scientific publications. The presentation may be in English, and the candidate's knowledge of English will also be assessed. Alternatively, a part of the interview will be held in English for assessment purposes.

The spoken test will also include an assessment of the computer skills described in Article 2(h) of this notice.

The spoken test will be awarded a maximum score of **50 points**.

Where specified by the Board of Examiners, **the spoken test may be held online by using electronic and digital tools**, while guaranteeing the adoption of technical solutions that ensure candidates are aware, and which guarantee identification of the participants, the security of communications and their traceability, in compliance with legislation on the protection of personal data.

Candidates must bring a valid form of personal ID.

Candidates that do not attend the tests on the set days will lose any right to participation, with the exceptions as specified under Art. 8, paragraph 2 of this call.

PLEASE CONSULT THE INPA PORTAL AND AREA SCIENCE PARK WEBSITE PERIODICALLY AS NO FURTHER NOTICE WILL BE GIVEN TO THE CANDIDATES ADMITTED TO THE TESTS.

The outcomes of the spoken tests are published at the end of each daily examination session.

The spoken test will be considered passed by candidates that have achieved a minimum score of 7/10 or equivalent.

Following the spoken tests, the Board proceeds with evaluation of qualifications, which is completed within 30 days of the last session of spoken tests. In the fifteen days following evaluation of qualifications, the Board drafts the final selection ranking, prepared according to the overall scores deriving from the sum of the score for evaluation of qualifications and the total score for the tests. The Institution immediately publishes this ranking, valid for all legal purposes, on the Portal and on its institutional website.

PLEASE NOTE THAT, FOR CONFIDENTIALITY REASONS, THE FIRST AND LAST NAMES OF CANDIDATES ADMITTED TO BOTH THE WRITTEN AND SPOKEN TESTS WILL NEVER BE PUBLISHED, BUT ONLY THEIR PARTIALLY OBSCURED TAX CODE (ONLY THE FIRST THREE AND LAST FIVE ALPHANUMERIC CHARACTERS WILL BE VISIBLE).

The final ranking and the merit list will show the partially obscured tax code of the candidates, with the exception of the winners, whose names will be visible.

Art. 8 – Special arrangements for tests

Candidates with disabilities documented pursuant to art. 4, paragraph 1 of Law no. 104 of 5 February 1992, and candidates with specific learning difficulties pursuant to Law no. 170 of 8 October 2010, are guaranteed the option to replace written tests with a spoken interview or with the use of support tools for reading, writing or calculation difficulties, as well as to have an extension of the times established for the tests, in accordance with art. 3, paragraph 4-*bis* of Decree Law no. 80 of 9 June 2021, converted with amendments by Law no. 113 of 6 August 2021.

Candidates who are unable to adhere to the schedule set for the call due to pregnancy or breastfeeding will be guaranteed the possibility to participate in all tests also through "unsynchronised" tests and, in any case, the availability of spaces for breastfeeding. Affected candidates should submit a prior request by email to the

following address: concorsi@areasciencepark.it or to the certified email address ("PEC") of the Institution: protocollo@pec.areasciencepark.it.

Art. 9 – Application of preferential and priority (exemption) qualifications

Pursuant to art. 5 of Presidential Decree 487/1994, as amended by Presidential Decree no. 82 of 16 June 2023, the participants who have passed the spoken test must send to the Administration itself, at the certified email address ("PEC") of the Institution: protocollo@pec.areasciencepark.it with the subject "**Call TD8/2023 - preferential qualifications**", the digital documentation attesting priority (exemption) or preferential qualifications, already indicated in the application form, by the deadline that will be indicated by the Administration with a specific notice on the Portal.

The express mention of such qualifications in the application is a condition for their evaluation.

If the suitable candidates in the merit list include some that belong to multiple categories qualifying them for different priority places, consideration is made first of the qualification giving right to the greater priority, in the following order:

a) priority for places to those belonging to the categories specified by Law no. 68 of 12 March 1999, or equivalent;

b) priority for places in accordance with articles 1014 and 678 of the Military Code, pursuant to Legislative Decree no. 66 of 15 March 2010.

With equal qualification and merit, and in the absence of further benefits provided by special laws, the order of preference of qualifications is as follows:

a) those honoured with medals of military or civil valour, where they are no longer in service;

b) those suffering events leading to disability or invalidity through service in the public or private sector;

c) orphans of the fallen and children of those who have suffered events leading to disability or invalidity through service in the public or private sector, including the children of healthcare professionals, social workers and welfare and health-sector workers who died following a SarsCov-2 infection contracted during performance of their work;

d) those who have provided commendable service of any type, for no less than one year, with the administration that has issued the call, where they do not possess another preferential qualification based on the service provided;

e) those with a greater number of dependent children;

f) civil citizens who have suffered events leading to disability or invalidity who do not fall within the scope of the groups specified under point b);

g) voluntary military personnel of the armed forces discharged without demerit at the end of service or retention;

h) athletes who have been in sports employment with military sports groups and state civil organisations;

i) those who have successfully performed an additional period of training with the office for civil process pursuant to article 50, paragraph 1-*quater* of Decree Law no. 90 of 24 June 2014, converted with amendments by Law no. 114 of 11 August 2014;

j) those who have successfully completed a training period at the judicial offices pursuant to article 37, paragraph 11 of Decree Law no. 98 of 6 July 2011, converted with amendments by Law no. 111 of 15 July 2011, whilst not being part of the office for civil process, pursuant to article 50, paragraph 1-*quinquies* of Decree Law no. 90 of 24 June 2014, converted with amendments by Law no. 114 of 11 August 2014;

k) those who have successfully completed a placement with the judicial offices pursuant to article 73, paragraph 14 of Decree Law no. 69 of 21 June 2013, converted with amendments by Law no. 98 of 9 August 2013;

l) those holding or having held roles as collaborators appointed by ANPAL Servizi S.p.A., in implementation of the provisions of article 12, paragraph 3 of Decree Law no. 4 of 28 January 2019, converted with amendments by Law no. 26 of 28 March 2019;

m) those of the gender less represented in the administration launching the procedure in relation to the role for which the candidate is applying[1];

n) those of lower age.

Article 10 – Approval of the merit list and declaration of winners

The merit list and the ranking of winners will be drawn up by the Administration Offices in compliance with the provisions in force regarding preference for appointments.

The General Manager of Area Science Park, by his/her/their own order, considering the preferential qualifications for equal merit as per Article 9 above, will approve the merit list of the selection and the winners.

The merit and winners list will be published on the Portal and on the website of the Institution at https://www.areasciencepark.it/lavora-in-area/, in the section "Current public selections", and this publication shall be valid for all intents and purposes.

The deadline for any complaint is set in relation to the date of publication.

The merit and winners list will show the partially obscured tax code of the candidates, with the exception of the winners, whose names will be visible.

Art. 11 – Beginning work and initial location

The candidates declared winners and those declared as suitable in the case of moving up the rankings will be sent by Area Science Park to begin work on a provisional basis, subject to confirmation that they have the necessary qualifications and requirements established for hiring, and they are hired for a trial period, the duration of which is set in the context of collective bargaining.

Winners, or those declared as suitable for the role, who fail to begin work by the set date without justification will not be hired and will be eliminated from the ranking. Should winners or those declared as suitable for the role begin work, for justified reasons, later than the set date, the relevant economic effects apply from the day they actually begin.

A digital signature is required to sign the employment contract.

The first place of work will be the one indicated in the profile sheet attached to the call and for which the candidate is successful.

On the basis of the provisions of article 55-*quater* of Legislative Decree no. 165 of 30 March 2001, in the event of documentary or declaratory falsehoods committed for the purposes of or on the occasion of establishing the employment relationship, the disciplinary sanction of dismissal without notice shall apply.

Art. 12 – Health checks

The Administration will have the successful candidates undergo a medical examination to ascertain whether they are actually fit to serve in the post to which the selection relates.

[1] The percentages of employees by gender at Area Science Park for the professional role of Technologist, calculated at 31 December 2022, are 41% men and 59% women.

Art. 13 – Personal data processing

In accordance with article 13 of Regulation (EU) 2016/679 (General Data Protection Regulation - GDPR) and in relation to the personal data provided by the candidates when taking part in the selection procedure, or in any case acquired by Area Science Park, the latter will provide the following information.

1. IDENTITY AND CONTACT DETAILS OF THE DATA CONTROLLER

The data controller of the personal data is Scientific and Technological Research Area of Trieste – Area Science Park, based in Trieste, Padriciano, 99. The candidates, in their capacity as data subjects, may contact the data controller by writing to the address mentioned above or by sending an email to the following email addresses: urp@areasciencepark.it – certified email address ("*PEC*") protocollo@pec.areasciencepark.it.

2. CONTACT DETAILS OF THE DATA PROTECTION OFFICER

A Data Protection Officer has been appointed at Area Science Park pursuant to article 37 of Regulation (EU) 2016/679 and can be contacted at the following e-mail address: rpd@areasciencepark.it.

3. PURPOSE AND LEGAL BASIS OF THE DATA PROCESSING

The processing of personal data relating to candidates is exclusively for the purpose of carrying out the competition activities. The legal basis for the processing is to be found in the rules governing the recruitment of personnel in public administrations and the method for conducting competitions, one-off competitions and other forms of recruitment for public employment.

4. RECIPIENTS AND CATEGORIES OF RECIPIENTS OF PERSONAL DATA

Without prejudice to the communications and disclosure carried out in performance of legal requirements and orders by the authorities, including the publication of the final ranking list and the merit list on the company website of Area Science Park and on the online notice board, the data may be communicated to the members of the Board of Examiners, to public and private parties who, in accordance with the law, have to or could become aware of it, including parties who have the right of access. The data will be processed by staff at Area Science Park who will actually handle the processing under the direct authority of the controller, in addition to any company that is a data processor of personal data connected to the provision of services for automated management of hosting for applications and pre-selection of candidates accepted, and parties appointed by them.

5. DATA STORAGE PERIOD

The data subject to processing will be stored for the period needed in accordance with prevailing laws on filing systems, applicable to public entities, subject to the authorisation to discard them.

6. RIGHTS OF THE DATA SUBJECT

In reference to the personal data provided, the candidates have the following rights:

a) access to the personal data;

b) rectification or deletion of the personal data or limits to the processing;

c) objection to the processing;

d) data portability (right only applicable to data held in electronic form) as governed by article 20 of Regulation (EU) 2016/679;

e) right to lodge a complaint with a supervisory authority.

It should be noted that to exercise the rights referred to in a) to d), data subjects can send an e-mail to the following address: rpd@areasciencepark.it.

Area Science Park is required to provide a response within one month of the request, which can be extended to up to three months in the event of particularly complex requests.

7. MANDATORY OR OPTIONAL NATURE OF DATA PROVISION AND CONSEQUENCES OF ANY FAILURE TO PROVIDE DATA

Providing said data, required in accordance with the express provisions of the law, is optional, but necessary to perform the competition activities and will be carried out by the persons in charge of the competition procedure of Scientific and Technological Research Area of Trieste. Failure to provide the data will exclude the above-mentioned activities.

Candidates are guaranteed access to the documentation of the proceedings referred to in this call, pursuant to the legislation in force (arts 22 and subsequent, Law no. 241 of 7 August 1990 and Presidential Decree no. 184 of 12 April 2006).

Art. 14 – Procedure manager

The Manager of the procedure referred to in this call is Mr Andrea Leghissa – Head of the Human Resources Unit of Scientific and Technological Research Area of Trieste – Area Science Park.

Information can be requested by sending a communication via the personal PEC to the PEC address protocollo@pec.areasciencepark.it, also specifying a telephone number at which the applicant can be contacted, or at the e-mail address concorsi@areasciencepark.it.

Art. 15 – Final rules

This call constitutes *lex specialis*, therefore the submission of the application to participate in the selection constitutes an act of implicit acceptance by the candidate of all the provisions contained in this call.

Scientific and Technological Research Area of Trieste – Area Science Park does not provide for the reimbursement of any expenses incurred by candidates in taking part in the competition tests.

For any point not expressly covered in this document, the relevant legislation in force shall apply, insofar as applicable.

Profile sheet A attached to call TD8/2023

PROFILE A APPLICABLE PROJECT	**GENOMIC TECHNOLOGIST** **PROJECT PRP@CERIC**
POSITIONS UNDER SELECTION	**1**
EXPECTED CONTRACT DURATION	18 months, with possible extension
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) at the Area Science Park Genomics and Epigenomics Laboratory in Basovizza, Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM06 – BIOLOGICAL SCIENCE LM09 – BIOTECHNOLOGY LM21 – BIOMEDICAL ENGINEERING
DESCRIPTION OF THE POSITION AND ACTIVITIES	The technologist shall contribute towards the development of the following activities with a sufficient level of independence: – implementation of protocols for preparation and extraction of biological samples for joint OMICHE protocols with a particular focus on proteomics and genomics – implementation of protocols for the preparation of biological samples for Proteo genomics; maintenance, testing and updating of instrumentation for support and preparation of Proteo genomics libraries. – implementation of automation processes with the instrumentation available to prepare the biological samples; – publication of any source codes and datasets associated with scientific results, following the criteria of open science and implementing FAIR principles, in compliance with the General Data Protection Regulation (GDPR) The technologist will also provide technical-scientific assistance to laboratory users, also at other places where the project is being carried out, and will take part in seminars and scientific communication events on the protocols developed to promote cooperation between the researchers at the Institution and other Institutions. He/she will also be involved in training activities and the transfer of know how, for medium-term periods; they will be held at the genomics and epigenomics laboratory in Trieste and the sister lab in the Salerno premises at the Baronissi Campus

Profile sheet B attached to call TD8/2023

PROFILE B APPLICABLE PROJECT	**ELECTRON MICROSCOPY TECHNOLOGIST** **NFFA-DI PROJECT**
POSITIONS UNDER SELECTION	**2**
EXPECTED CONTRACT DURATION	18 months, with possible extension
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) at the Area Science Park Electron Microscopy Laboratory in Basovizza, Trieste.
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS LM54 – CHEMICAL SCIENCE LM53 – MATERIALS SCIENCE AND ENGINEERING LM71 – SCIENCE AND TECHNOLOGY OF INDUSTRIAL CHEMISTRY LM22 – CHEMICAL ENGINEERING
DESCRIPTION OF THE POSITION AND ACTIVITIES	Technologists shall perform the activities described below in the Materials Science sector using scanning and transmission electron microscopy, with a sufficient level of independence: – installation and commissioning of microscopy laboratories of the Institution; – research activity for development of instrumentation for combined approaches between different instrument techniques, including the planning of advanced methods for preparation of samples for electron microscopy and devices for in-situ/operando analysis with different instrumentation and transfer in a controlled environment – research into the characterisation of materials using scanning and transmission electron microscopy; – training and access to instrumentation for national and international academic and industrial users – publication in national and international journals and on conference proceedings of scientific articles describing the most important results of research activity; – participation in seminars and events aimed at sharing scientific knowledge to promote collaboration between researchers at the Institution and those from other organisations – management of electron microscopy and related technical expertise (e.g. vacuum and ultra-high vacuum pumping systems).

Profile sheet C attached to call TD8/2023

PROFILE C APPLICABLE PROJECT	**DATA ENGINEER** **NFFA-DI PROJECT**
POSITIONS UNDER SELECTION	**1**
EXPECTED CONTRACT DURATION	18 months, with possible extension
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) at the Area Science Park Data Engineering Laboratory in Padriciano, Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM06 – BIOLOGY LM08 – INDUSTRIAL BIOTECHNOLOGY LM09 – MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGY LM13 – PHARMACY AND INDUSTRIAL PHARMACY LM17 – PHYSICS LM18 – IT LM20 – AEROSPACE AND ASTRONAUTICAL ENGINEERING LM21 – BIOMEDICAL ENGINEERING LM22 – CHEMICAL ENGINEERING LM25 – AUTOMATION ENGINEERING LM26 – SAFETY ENGINEERING LM27 – TELECOMMUNICATIONS ENGINEERING LM30 – ENERGY AND NUCLEAR ENGINEERING LM32 – IT ENGINEERING LM33 – MECHANICAL ENGINEERING LM40 – MATHEMATICS LM44 – MATHEMATICAL AND PHYSICAL MODELLING FOR ENGINEERING LM53 – MATERIALS SCIENCE AND ENGINEERING LM54 – CHEMICAL SCIENCE LM58 – SCIENCE OF THE UNIVERSE LM60 – NATURAL SCIENCE LM66 – IT SECURITY LM71 – SCIENCE AND TECHNOLOGY OF INDUSTRIAL CHEMISTRY

	LM74 – GEOLOGICAL SCIENCE AND TECHNOLOGY LM79 – GEOPHYSICAL SCIENCE LM82 – GEOPHYSICAL SCIENCE LM91 – TECHNIQUES AND METHODS FOR THE INFORMATION SOCIETY
DESCRIPTION OF THE POSITION AND ACTIVITIES	The technologist should be able to perform activities in several of the following areas with a sufficient level of independence: <u>Data Infrastructure</u> – design and development of innovative systems and services for management of computing resources and storage provided by HPC systems – implementation of algorithms on the HPC platforms available and experimentation on real datasets – experimentation with tools for scaling of software solutions based on containers for secure and isolated execution of parallel-computing applications – tuning and optimisation of the performance of algorithms, with a particular focus on parallel algorithms <u>Data Management</u> – development of appropriate metadata schemes in materials science for managing scientific data according to the FAIR-by-design approach – development of and experimentation with platforms for managing scientific data generated that enable sharing in line with FAIR principles, with a particular focus on protocols and methodologies of data interoperability – use and definition of specific formats for scientific datasets, in the context of data provenance, usage and management of data repositories <u>Data Science</u> – design and testing of pipelines for analysis of data in materials science – identification of new Deep Learning (DL) approaches and algorithms, with potential for technological applications and experimentation on scientific data – calibration of advanced services for analysis of data generated by various types of scientific instrumentation in the context of the NFFA-DI project.