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

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

Project PNR "*Fair-by-Design*" CUP J95F21002830001

PUBLIC SELECTION, ON THE BASIS OF QUALIFICATIONS AND EXAMINATIONS, FOR THE RECRUITMENT, WITH A FIXED-TERM EMPLOYMENT CONTRACT, OF 10 RESEARCHERS WITH PROFESSIONAL LEVEL III OF THE C.C.N.L. (NATIONAL LABOUR COLLECTIVE AGREEMENT) EDUCATION AND RESEARCH DIVIDED INTO 7 POSITIONS FOR THE PROJECT NRRP - PRP@CERIC CUP J97G22000400006, 1 POSITION FOR THE PROJECT NRRP - NFFA-DI CUP B53C22004310006 AND 2 POSITIONS FOR THE PROJECT PNR *FAIR-BY-DESIGN* CUP J95F21002830001.

REFERENCE CALL TD2/2023

NRRP 5 PROFILES FOR 7 POSITIONS

Project PRP@CERIC CUP J97G22000400006

profile A: UV Resonance Raman spectroscopist	**no. positions 1**
profile B: AFM scientist	**no. positions 1**
profile C: Infrared microspectroscopist	**no. positions 1**
profile D: Structural biologist	**no. positions 2**
profile E: Genomic researcher	**no. positions 2**

NRRP 1 PROFILE FOR 1 POSITION

Project NFFA-DI CUP B53C22004310006

profile F: Microscopist	**no. positions 1**

PNR 2 PROFILES FOR 2 POSITIONS

Project FAIR-BY-DESIGN CUP J95F21002830001

profile G: Catalysis Scientist	**no. positions 1**
profile H: Data scientist	**no. positions 1**

Article 1
Places available for selection

Scientific and Technological Research Area of Trieste, hereinafter referred to as Area Science Park, announces a public selection, based on qualifications and examinations, for the recruitment, with a fixed-term employment contract, of **10** Researchers of professional level III of the C.C.N.L. Education and Research, of which **8** for the **projects NRRP- PRP@CERIC and NFFA-DI** according to the profiles specified in the profile sheets from A) to F) attached to this call, and **2** positions as researchers for the **project Fair by Design – PNR.** These profiles are described in the profile sheets attached and marked G) and H). **Reference call no. TD2/2023.**
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 description of the activities required for each position and the place of work.
Candidates may apply for more than one profile, provided they meet the specific admission requirements.

For all profiles, Researchers are also required to:

- publish 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);
- 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;
- 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 reference profile sheet, 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 for all profiles

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

a) 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 in the countries of origin;

c) registration on the electoral roll of the municipality of residence (for Italian citizens only);

d) not having been convicted of a criminal offence involving disqualification from public office or not being aware of any criminal proceedings in progress, without prejudice to the obligation to indicate them otherwise, even if the benefit of no mention in the certificates of criminal record has been granted;

e) not having been dismissed or disqualified from employment with a public administration for persistent inadequate performance, or dismissed from employment with a public administration for just cause or for justified subjective reason, or declared disqualified from employment with a public administration for having obtained the same employment by producing false documents or documents with non-remediable invalidity, or dismissed for disciplinary reasons;

f) for male candidates born before 31 December 1985, fulfilment of military service obligations (for Italian candidates);

g) **for all 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 the recognition already obtained in accordance with the relevant legislation in force (information available at www.cimea.it). In the absence of recognition, given the requirements of Article 38 of Legislative Decree 165/2001, the receipt of delivery of the request for equivalence can be produced. The documentation proving the equivalence 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 on the Institute's website;

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

h1) **PhD, relevant** to the activities described in the reference profile sheet, section **"DESCRIPTION OF THE POSITION";**

h2) **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;

i) have a good knowledge of English, to be assessed during the interview;

j) 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;

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

l) in addition, applicants of non-Italian citizenship must meet the following requirements:

1) that he/she enjoys civil and political rights in the country he/she belongs to or comes from.
2) satisfaction of all of the other requirements set for Italian citizens;
3) adequate knowledge of the Italian language; the satisfaction of this requirement is verified by the Board of Examiners referred to in Article 5 below by means of the competition test arranged.

Candidates will be admitted to the selection process subject to verification of their satisfaction of the set requirements; the Administration reserves the right to request, at any time during the procedure, the documentation necessary to ascertain the requirements, or to ascertain them directly. Failure to satisfy even just one of the above requirements will result in exclusion from the selection process at any time.

All requirements must be fulfilled by the deadline for submitting applications for admission to the selection, under penalty of exclusion.

The eligibility requirements set out in a) to g), with the exception of the cases referred to in the third and fourth paragraphs of letter g), are verified by the Person in charge of the procedure.

The eligibility requirements set out in the third and fourth paragraphs of letter g) and letter h) are verified by the Board of Examiners.

The knowledge referred to in i) and j) is verified by the Board of Examiners at the interview.

Once the deadline for submitting the application has expired, the qualifications submitted may not be supplemented or made official.

Article 3

Submitting the application - Deadlines and methods

Applications for admission must be submitted **exclusively** via the digital platform - Recruitment Portal (https://www.inpa.gov.it/), which requires authentication via SPID, CIE, CNS or eIDAS, by filling in the relevant online form specifically created for this purpose, **after reading this call for applications.**

The application must be sent, without fail, no later than 23:59:59 on **13 April 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, and therefore their exclusion from this procedure. 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.

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. Area Science Park accepts no responsibility for any slowdown of the web platform or for any digital issues, in any case attributable to third parties, unforeseeable circumstances or force majeure, which may make it impossible for the candidate to submit the application by the set deadline.

All information relating to this selection procedure (e.g. publication time, venue, etc.) will be published on the Area Science Park website at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023**.

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

Any personal communications concerning this procedure shall be sent to the certified e-mail address (PEC) 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 in the PEC and/or ordinary e-mail address.

For any further information please write to concorsi@areasciencepark.it.

In their application, applicants must declare the following elements under their own responsibility:

a) surname and first name;

b) date and place of birth;

c) tax code;

d) residence, with exact indication of the postal code, personal or attributed certified e-mail address (PEC);

e) possession of Italian citizenship or satisfaction of the conditions referred to in Article 38 of Italian Legislative Decree no. 165/2001 in force, or, for foreign citizens, possession of the citizenship of the State of origin and adequate knowledge of the Italian language, which will be ascertained by the Board of Examiners referred to in Article 5 below by means of the competition test arranged;

f) the municipality of registration on the electoral roll, or the reasons for non-registration or deletion from the electoral roll (for Italian citizens only);

g) that he/she enjoys civil and political rights in the country he/she belongs to or comes from. In case of non-enjoyment, the reason for this must be specified;

h) not having been convicted of a criminal offence involving disqualification from public office or not being aware of any criminal proceedings in progress, without prejudice to the obligation to indicate them otherwise, even if the benefit of no mention in the certificates of criminal record has been granted;

i) not having been dismissed or disqualified from employment with a public administration for persistent inadequate performance, or dismissed from employment with a public administration for just cause or for justified subjective reason, or declared disqualified from employment with a public administration for having obtained the same employment by producing false documents or documents with non-recoverable invalidity, or dismissed for disciplinary reasons;

j) fulfilment of military service obligations, for male candidates born before 31 December 1985 (for Italian candidates);

k) 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 the recognition already obtained in accordance with the relevant legislation in force (information available at www.cimea.it). In the absence of

recognition, given the requirements of Article 38 of Legislative Decree 165/2001, the receipt of delivery of the request for equivalence can be produced;

l) satisfaction of one of the requirements set out in letter h) of Article 2 of this call;

m) have a good knowledge of English, to be assessed during the interview;

n) 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;

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

p) possession of the physical fitness for continuous and unconditional service in the post to which the selection relates;

q) possession of any qualifications giving preference in the event of equal points, pursuant to Article 5 of Italian Presidential Decree 487/1994, as amended by Article 5 of Italian Presidential Decree 693/1996, to be applied in the event of equal points. The express mention of such qualifications in the application is a condition for their evaluation. The list of preferential qualifications is also available at https://www.areasciencepark.it/wp-content/uploads/titoli_di_preferenza.pdf ;

r) the possible need for aids while taking the tests, with their precise indication, as well as the possible need for additional time to take the tests in accordance with Law 104/1992 as amended and Law 68/1999, also in the case of specific learning disorders ascertained in accordance with Law 170 of 8 October 2010, in order to allow the Administration to prepare the means and tools to meet the candidate's needs in good time. The granting of additional time is determined at the sole discretion of the Board of Examiners. In any case, additional time may not exceed 50% of the time allocated for the test;

s) 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/ e https://www.areasciencepark.it/amm-trasparente/titolari-di-incarichi-dirigenziali/);

t) the telephone number and personal e-mail address;

u) to be aware that any further communication concerning this selection will be forwarded by the Administration to their PEC;

v) to undertake to notify any subsequent changes in the PEC and/or e-mail address and other contact details.

The application for participation in the competition, 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.

Registration on the Recruitment Portal implies consent to the processing of personal data for the purposes and in the manner set out in Regulation (EU) 2016/679 of the European Parliament and of

the Council of 27 April 2016 and in the Personal Data Protection Code, pursuant to Italian Legislative Decree no. 196 of 30 June 2003.

The declarations contained in the online application constitute declarations in lieu of certification or affidavit pursuant to Articles 46 and 47 of Italian Presidential Decree no. 445 of 28/12/2000 as amended and are made under one's own responsibility. Untrue declarations and falsehood in deeds entail criminal liability pursuant to Article 76 of Italian Presidential Decree 445/2000, as well as the consequences pursuant to Article 75 of Italian Presidential Decree 445/2000.

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 Italian Presidential Decree no. 445 of 28 December 2000, and in the forfeiture of the right to be recruited to the post advertised.

The General Manager of Area Science Park may, at any time, order exclusion from the selection due to failure to meet the set requirements or to provide the candidate's personal data. 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.

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.

Together with the application, if the conditions are met, the candidate must upload, in the "Additional Information" section and in the subsequent "Attachments" section, the medical certification referred to in Article 3, paragraph 4-bis of Law Decree no. 80 of 9 June, converted with amendments by Law no. 113 of 6 August 2021 (request for exempting measures, request for supplementary tools and/or additional time required).

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.

Article 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 mandatory declarations;

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

c) failure to meet the requirements set out in Article 2 of the notice;

d) disqualification from public office, dismissal or exemption from employment with a Public Administration for persistent and insufficient performance or disqualification from employment with a public administration for having obtained the employment by producing false documents or documents with non-remediable invalidity, or dismissal for disciplinary reasons;

e) presentation 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.

The General Manager of Area Science Park may at any time order exclusion from the selection for failure to meet the set requirements. 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.

Article 5
Board of Examiners

The General Manager of Area Science Park, by his/her own decision and in application of the provisions of the Institution's Personnel Regulations in force at the time, shall appoint the Board of Examiners, consisting of a President, two Members and two alternates. In consideration of the specific nature of the subjects pertaining to the profiles indicated, one or more assistant members may be appointed who are experts in the subject matter for the profile in question.

The same procedure shall be followed to appoint the secretary(s) 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 or handwritten signatures.

Pursuant to Article 9 of Italian Presidential Decree no. 487 of 9 May 1994, at least one third of the posts of members of competition boards is reserved for women, unless there is a reasoned impossibility.

Article 6
Selection scores, evaluable merits and submission methods

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) having directed, coordinated or participated in national or international competitive scientific and/or industrial research projects and programmes;
b) 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(h2));
c) consistency of the educational path and the research activity carried out with the subject area for which the application is submitted;
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, for no more than 5 products: 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.

Merit qualifications must be possessed on the date of expiry of the deadline for submitting applications for admission to the competition. Once the deadline for submitting the application has expired, the qualifications submitted may not be supplemented or made official.

The Board of Examiners will determine or detail the criteria for assessing the merit qualifications provided for in this Article, before examining the declaration relating to the qualifications themselves and before verifying the admission requirements set out in Article 2 and the reference profile sheet.

The score for the merit qualifications submitted by candidates will awarded by the Board, after the written test and before correcting the relevant papers, only in respect of those candidates who have taken the test.

The result of the assessment of qualifications will be made known to candidates before the spoken test.

The arrangements for the tests will be published on the company website in good time.

Article 7
Content and arrangements for the examination papers

The written and spoken tests are aimed at ascertaining professional preparation and possession of the skills required to perform the activities as described in the reference profile sheets attached to this call.

THE WRITTEN TEST WILL BE HELD ON 19 APRIL 2023.

Location, time and the list of candidates admitted to the written test will be announced by publication of a specific notice at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023.**

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 will consist of solving open-ended questions and/or multiple-choice tests on the topics described in the reference profile sheet.

If there are no common candidates among the different profiles, the written test may be held simultaneously, subject to its specificity and the adequate availability of space in the competition room.

If there are common candidates among the different profiles, the written test will be held at different times, preferably on the same day.

During the written test, candidates are not permitted to communicate with each other or with others, except with the members of the Board of Examiners and any 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.

During the written tests, candidates may NOT consult any external source such as codes, manuals, etc.

While registering, the candidates must show a valid personal identification document.

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 personal PEC.

The written test will be awarded a maximum 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.

Failure to participate in the written test on the set day will be considered as withdrawal from the selection.

A list of those admitted to the **spoken test** will be drawn up for each profile, with evidence of the score obtained in the assessment of qualifications and the written examination, with the venue and place where the test is taken, and will be published on the company website of Area Science Park at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023.**

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 BE HELD ON 3 MAY 2023.

Location, time and the list of candidates admitted to the spoken test will be announced by publication of a specific notice at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023.**

The **spoken test** will consist of an interview aimed at assessing professionalism and ascertaining the experience and skills required to carry out the activities contained in the profile reference sheet in the "DESCRIPTION OF THE POSITION" section, as well as on the written test, the curriculum and the list of scientific publications.

For the language assessment, part of the interview will be conducted in English.

The spoken test will also include an assessment of the computer skills described in Article 1 of this notice.

The spoken test will be awarded a maximum score of **50 points**. The spoken test will be considered passed by the candidates that have obtained a minimum score of 7/10 or equivalent of the score reserved for it.

In very exceptional cases and subject to the approval of 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 its publicity, the identification of the participants, the security of communications and their traceability, in compliance with the legislation on the protection of personal data.

At the end of the proceedings, the Board of Examiners will draw up the final ranking list for each profile, based on the sum of the scores obtained in the evaluation of the merit qualifications, the written test and the spoken test, which will be published at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023,** within the earliest possible day.

The final ranking list will show the partially obscured tax code of the candidates except for the names of the winners.

The above-mentioned publications are equivalent to a notification for all intents and purposes.

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

Article 8
Application of preferential qualifications

Candidates who are successful in the interview and who wish to claim their preferential qualifications on the basis of equal merit (Article 5, paragraph 4, of Italian Presidential Decree 487/1994), where applicable to this selection, must submit a declaration in lieu of certification or affidavit in accordance with Articles 46 and 47 of Italian Presidential Decree 445/2000, certifying that they possess the above-mentioned qualifications on the date of expiry of the deadline set for submitting the application to participate in the selection, within a mandatory deadline of fifteen days from the date of the interview. This declaration must be sent via the candidate's personal PEC to the PEC address protocollo@pec.areasciencepark.it, or sent by registered mail with return receipt to the head office of Area Science Park.

Possession of any qualifications giving preference in the event of equal points, pursuant to Article 5 of Italian Presidential Decree 487/1994, as amended by Article 5 of Italian Presidential Decree 693/1996, to be applied in the event of equal points. The express mention of such qualifications in the application is a condition for their evaluation.

The list of preferential qualifications is available at https://www.areasciencepark.it/wp-content/uploads/titoli_di_preferenza.pdf ;

Where merit and qualifications are equal, preference is determined:

a) by the number of dependent children, regardless of whether the applicant is married or not;
b) by having performed meritorious service in the Public Administration;
c) by the younger age.

Candidates who have omitted to declare in their application the possession of qualifications entitling them to priority (reserve) or preference on the basis of equal merit, as referred to above, will not be eligible in this respect.

Article 9
Approval of the merit list and declaration of winners

The merit list and the ranking of winners for each profile 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 own order, considering the preferential titles for equal merit as per Article 8 above, will approve the merit list of the selection and the winners for each profile.

The merit list and the ranking of winners, for each profile, will be published on the Area Science Park website at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023,** and on the Institution's computerised notice board on the earliest possible date.

The merit list will show the partially obscured tax code of the candidates except for the names of the winners.

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

Article 10
Document submission

The successful candidates, taking into account the valid declarations already made when applying to take part in the competition procedure, must submit within the deadline set for the establishment of the employment relationship or, in any case, within thirty days from the day following publication of the results of the selection, under penalty of forfeiture of the right to establish the relationship, the documentation required for employment that will be requested by the offices.

On the basis of the provisions of Article 55-quater of Legislative Decree no. 165/2001, 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.

Article 11
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.

Article 12
Establishment of employment relationship and first place of work

Candidates who meet all the set requirements and are successful in the selection process will be invited to enter into an individual contract with Scientific and Technological Research Area of Trieste - Area Science Park to establish a full-time, fixed-term employment relationship, with a probationary period, in accordance with the provisions of the contractual regulations governing the personnel of Public Research Institutions. The classification will be made in the profile of Researcher at professional level III, first salary bracket, with the economic treatment envisaged by the current CCNL for personnel of the Education and Research Sector in force at the time.

A digital signature is required to sign the contract.

Cancellation of the recruitment procedure, without notice, that constitutes a prerequisite is in any case a condition for termination of the contract. Services rendered in any case up to the termination of the contract will be remunerated.

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.

Article 13
Processing of personal data

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 competition 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 personal data is the 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, 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. 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, 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.

5. DATA RETENTION 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 DATA SUBJECTS

In reference to the personal data provided, the candidates have the following rights:
a) access to the personal data;
b) to rectify or delete personal data or limit processing;
c) to object to processing;
d) to data portability (right only applicable to data held in electronic form) as governed by article 20 of Regulation (EU) 2016/679;
e) to lodge a complaint with the 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 (Law 241/90 as amended and Italian Presidential Decree 184/2006). Law no. 241 of 7 August 1990 (Articles 22 to 27) and Italian Presidential Decree no. 184 of 12 April 2006.

Article 14
Procedure manager

The Manager in charge of the selection procedure referred to in this call is Ms Fides Croppo – 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.

Article 15
Publicity

The full version of the call will be available on the Institution website at Public Selections » Area Science Park "Current public selections" reference **call TD2/2023** and in the Recruitment Portal inPA at https://www.inpa.gov.it/ Competition Section.

Article 16
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 selection tests.

For any point not expressly provided for in this call, the provisions of the relevant legislation in force shall apply, insofar as applicable.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**A: UV RESONANCE RAMAN SPECTROSCOPIST** **PROJECT: PRP@CERIC**
POSITIONS UNDER SELECTION	**1**
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park, Trieste - Technological Innovation Research Institute (TIR) in collaboration with the IUVS light unit at Elettra Sincrotrone Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING; LM44 – MATHEMATICAL AND PHYSICAL MODELLING FOR ENGINEERING.
DESCRIPTION OF THE POSITION	- Design, development and testing of the Resonance Raman macro and micro-UV optical system at the IUVS experimental station dedicated specifically to the Raman UV study of biomolecular samples with different excitation wavelengths - Development and fine-tuning of experimental protocols for the acquisition of Raman Resonance macro and micro-UV spectra from biological samples and chemometric approaches for identification and screening of pathogens - Assistance and coordination of internal research activity in the context of the IUVS unit of the PRP@CERIC Project, promoting dissemination and sharing of scientific results by writing articles and participation in sector-specific seminars and workshops, supporting potential new users in writing and presentation of scientific proposals for access to the Raman Resonance macro and micro-UV experimental station of the IUVS unit and guaranteeing technical and scientific assistance during user experiments.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**B: AFM SCIENTIST** **PROJECT: PRP@CERIC**
POSITIONS UNDER SELECTION	**1**
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) in collaboration with the NanoInnovation Laboratory at Elettra Sincrotrone Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING; LM06 – BIOLOGY; LM09 – MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGY; LM21 – BIOMEDICAL ENGINEERING; LM22 – CHEMICAL ENGINEERING; LM30 – ENERGY AND NUCLEAR ENGINEERING.
DESCRIPTION OF THE POSITION	- Set-up of high-resolution atomic force microscopy (AFM) in a physiological environment with fast scanning (40 lines per second) and optimisation of operating conditions to study the interaction between nanoparticles and cells and nanoparticles and cell model-membrane systems with high temporal resolution (video-rate 1200 lines per second) - optimisation of parameters for the acquisition of nanoscale force maps during imaging. In the case of force maps of cells, optimisation of acquisition protocols and fitting of nanotomographic force maps - optimisation of experimental parameters to study the dynamic properties of the surface of specific virions - assistance in coordinating internal research activity at the NanoInnovation Laboratory of the PRP@CERIC Project, collaborating with other project activities for the implementation of a multiscale biophysical platform for the definition of functional/dynamic mechanisms adopted by specific pathogens to invade cells and tissues, and how these adapt in the presence of specific molecules - technical and scientific assistance for laboratory users.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**C: INFRARED MICROSPECTROSCOPIST** **PROJECT: PRP@CERIC**
POSITIONS UNDER SELECTION	1
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) in collaboration with the SISSI-Bio light unit at Elettra Sincrotrone Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING; LM74 – GEOLOGICAL SCIENCE AND TECHNOLOGY; LM09 – MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGY; LM11 – CONSERVATION AND RESTORATION OF CULTURAL HERITAGE.
DESCRIPTION OF THE POSITION	- Installation, testing and operation of the spectroscopy and infrared near-field imaging system with micrometre resolution at the SISSI-Bio experimental station, optimised for measurements on biological samples - Installation, testing and training for spectroscopy and infrared far-field imaging with sub-nanometre resolution based on O-PTIR technology and integrated with Raman imaging probes for stimulated Raman excited fluorescence imaging at the SISSI-Bio experimental station, dedicated specifically to hyperspectral cytology and histology - Installation, testing and training with the spectroscopy and infrared near-field imaging system with nanometre resolution based on s-SNOM technology at the SISSI-Bio experimental station, optimised for measurements on biological samples - assistance and coordination of internal research activity in the context of the SISSI-Bio unit of the PRP@CERIC Project, promoting dissemination and sharing of scientific results by writing articles and participation in sector-specific seminars and workshops, supporting potential new users in writing and presentation of scientific proposals for access to the experimental stations implemented for the project and guaranteeing technical and scientific assistance during user experiments.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**D: STRUCTURAL BIOLOGIST** **PROJECT: PRP@CERIC**
POSITIONS UNDER SELECTION	**2**
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) in collaboration with the Structural Biology Laboratory (Protein Facility and Structural Biology of DNA Replication and Repair Lab) at Elettra Sincrotrone Trieste.
DEGREE CLASSES REQUIRED FOR ADMISSION	LM06 – BIOLOGY; LM07 – AGRICULTURAL BIOTECHNOLOGY; LM09 – MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGY; LM13 – PHARMACY AND INDUSTRIAL PHARMACY; LM54 – CHEMICAL SCIENCE; LM60 – NATURAL SCIENCE.
DESCRIPTION OF THE POSITION	- Cloning and molecular biology techniques for expression of proteins and macromolecular complexes (multimeric complexes and proteins-nucleic acids) - expression and purification on a large scale and quality control of proteins and macromolecular complexes for biochemical, biophysical and structural-biology studies (macromolecular crystallography, electron microscopy, SAXS and structure-based drug design) - implementation of biochemical and biophysical analysis assays for characterisation of the activity of proteins and for the study of proteins-protein, protein-nucleic acid and protein-ligand interactions - implementation and optimisation of crystallisation protocols for proteins using high-throughput robotic systems - structural analysis: use of X-ray diffraction techniques with synchrotron light source for the determination of structures of protein/macromolecular complexes, or complexes with ligands (small molecules, drugs, peptides, nucleic acids), or use of electron microscopy techniques to study proteins and macromolecular complexes - contribution to research activity of the Structural Biology Laboratory, coordinating contacts with partners or users and promoting dissemination of results through scientific articles and communications at congresses or sector-specific workshops - technical and scientific assistance for laboratory users.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**E: GENOMIC RESEARCHER** **PROJECT: PRP@CERIC**
POSITIONS UNDER SELECTION	**2**
CONTRACT DURATION	20 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) initially at the Area Science Park Genomics and Epigenomics Laboratory in Basovizza, Trieste, and subsequently at the Area Science Park Sud facility at the University of Salerno.
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM60 – NATURAL SCIENCE; LM13 – PHARMACY AND INDUSTRIAL PHARMACY; LM06 – BIOLOGY; LM09 – MEDICAL, VETERINARY AND PHARMACEUTICAL BIOTECHNOLOGY.
DESCRIPTION OF THE POSITION	- Implementation of protocols for preparation and extraction of biological samples for joint OMICHE protocols with a particular focus on proteomics and genomics - maintenance, testing and updating of instrumentation for support and preparation of joint proteomics and genomics libraries - integration of new protocols developed for extraction and production of joint proteomics and genomics libraries into research activities of the Genomics and Epigenomics Laboratory in the context of the PRP@CERIC project, promoting dissemination of results through scientific articles and communications at congresses or sector-specific workshops - collaboration with training of personnel at the Genomics and Epigenomics Laboratory of Area Science Park at Area Campus Basovizza and Area Sud - technical and scientific assistance for laboratory users - participation in seminars and events aimed at sharing scientific knowledge on protocols developed to promote collaboration between researchers at the Institution and those from other national and international organisations.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**F: MICROSCOPIST** **PROJECT: NFFA-DI**
POSITIONS UNDER SELECTION	**1**
CONTRACT DURATION	24 months
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) at the Electron Microscopy Laboratory in Basovizza, Trieste.
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING.
DESCRIPTION OF THE POSITION	- Handle activity for installation and commissioning of microscopy laboratories of Area Science Park - conduct research activity in the field of advanced characterisation of materials using TEM/STEM microscopy, EDS and EELS spectroscopy, 4DSTEM and in-situ tomography analysis - support activities with data analysis and simulation of TEM/STEM images - develop and handle collaborations with national and international scientific and research institutes - training and support for access to instrumentation of the Electron Microscopy Laboratory by national and international academic and industrial users - publication in national and international journals and conference documentation of scientific articles describing the most important results of research activity - contribution to seminars and events aimed at sharing scientific knowledge to promote collaboration between researchers at the Institution and those from other organisations.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**G: CATALYSIS SCIENTIST** **PROJECT: PNR FAIR-BY-DESIGN**
POSITIONS UNDER SELECTION	**1**
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) in collaboration with the APE HE light unit at Elettra Sincrotrone Trieste
DEGREE CLASSES REQUIRED FOR ADMISSION	LM17 – PHYSICS; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING; LM60 – NATURAL SCIENCE.
DESCRIPTION OF THE POSITION	- Installation, testing and usage of the combined DRIFT and NEXAFS spectroscopy system on cells at ambient pressure - experimental activity on heterogeneous catalysis between solid and gaseous catalysts in the field of green chemistry - support for experiments carried out with the aforementioned experimental apparatus, also by external groups of researchers that come to do heterogenous-catalysis experiments - in-house research activity in collaboration with the APE HE unit, promoting dissemination and sharing of scientific results by writing articles and participation in sector-specific seminars and workshops, supporting potential new users in writing and presentation of scientific proposals for access to the experimental station.

Profile sheet attached to recruitment call TD2/2023

PROFILE CODE AND PROJECT OF REFERENCE	**H: DATA SCIENTIST** **PROJECT: PNR Fair by Design**
POSITIONS UNDER SELECTION	**1**
CONTRACT DURATION	24 MONTHS
PLACE OF WORK	Area Science Park - Technological Innovation Research Institute (TIR) at the Data Engineering Laboratory in Padriciano, Trieste.
DEGREE CLASSES REQUIRED FOR ADMISSION	LM40 – MATHEMATICS; LM44 – MATHEMATICAL AND PHYSICAL MODELLING FOR ENGINEERING; LM17 – PHYSICS; LM18 – IT; LM66 – IT SECURITY; LM32 – IT ENGINEERING; LM21 – BIOMEDICAL ENGINEERING; LM82 – STATISTICAL SCIENCE; LM06 – BIOLOGY; LM60 – NATURAL SCIENCE; LM54 – CHEMICAL SCIENCE; LM53 – MATERIALS SCIENCE AND ENGINEERING; LM13 – PHARMACY AND INDUSTRIAL PHARMACY.
DESCRIPTION OF THE POSITION	- Research activity in the Life Sciences and/or Materials Science sector, with techniques for mathematic modelling, algorithm development, numerical simulation, machine learning and data science - development and implementation of innovative data science methods for analysis of scientific data within the projects carried out by the Institution - publication of scientific articles describing the most important results of research activity in national and international journals and conference documentation - development and handling of collaborations with scientific and research institutes

Profile sheet attached to recruitment call TD2/2023

	- participation in seminars and events aimed at sharing scientific knowledge to promote collaboration between researchers at the Institution and those from other organisations.