

Cod. Rif. 2026idr010

Rector's Decree n. 595/2026 prot. n. 124386- 15.04.2026

PUBLIC SELECTION FOR THE AWARD, PURSUANT TO ART. 22 TER OF LAW NO. 240 OF 30.12.2010 AND THE RELATED UNIVERSITY REGULATIONS, AS PART OF THE RESEARCH PROJECT "DESIGN AND PROPERTIES OF ALL-INORGANIC, LEAD-FREE PEROVSKITES ON III-V-(N) MATERIALS: NEW GENERATION OF ECO-FRIENDLY HYBRID DETECTORS" (PERVONIDE), OF N. 1 RESEARCH ASSIGNMENT, LASTING 24 MONTHS, (GSD) 02/PHYS-03, EXPERIMENTAL PHYSICS OF MATTER AND APPLICATIONS, (SSD) PHYS 03/A EXPERIMENTAL PHYSICS OF MATTER AND APPLICATIONS, AT THE DEPARTMENT OF MATHEMATICAL, PHYSICAL AND COMPUTER SCIENCES

CUP: D93C25000450007

THE RECTOR

HAVING REGARD to the Statute of the University of Parma;

HAVING REGARD to Law no. 168 of 9 May 1989 "*Establishment of the Ministry of Universities and Scientific and Technological Research*" concerning, among other things, the autonomy of Universities;

HAVING REGARD to Law no. 241 of 7 August 1990 on "*New rules on administrative procedure and the right of access to administrative documents*";

HAVING REGARD to Law no. 104 of 5 February 1992, as amended, on the "*Framework law for assistance, social integration and the rights of disabled people*" and, in particular, art. 20;

HAVING REGARD TO Prime Ministerial Decree no. 174 of 7 February 1994, containing rules on the access of citizens of the Member States of the European Union to jobs in public administrations;

HAVING REGARD to Law no. 68 of 12 March 1999, as amended, on "*Regulations for the right to work for the disabled*";

HAVING REGARD to Presidential Decree no. 445 of 28 December 2000, containing the "*Consolidated Law on administrative documentation*";

HAVING REGARD to Legislative Decree no. 196 of 30 June 2003 "*Personal Data Protection Code*", as amended by Legislative Decree no. 101 of 10 August 2018, as well as Regulation (EU) no. 2016/679 "General Regulation on the Protection of Personal Data";

HAVING REGARD to Legislative Decree no. 198 of 11 April 2006 "*Code of equal opportunities between men and women*";

HAVING REGARD to Law no. 240 of 30 December 2010 on "*Regulations on the organisation of universities, academic staff and recruitment, as well as delegation to the Government to encourage the quality and efficiency of the university system*";

HAVING REGARD to the European Charter for Researchers adopted by the European Council on 18.12.2023;

HAVING REGARD to Ministerial Decree no. 639 of 2 May 2024, concerning the determination of scientific-disciplinary groups and related declarations, as well as the rationalisation and updating of scientific-disciplinary sectors and the reduction of the latter to scientific-disciplinary groups, pursuant to art. 15 of Law no. 240 of 30 December 2010;

HAVING REGARD to Decree-Law No. 45 of 7 April 2025 on "*Further urgent provisions on the implementation of the measures of the National Recovery and Resilience Plan and for the start of the 2025/2026 school year*", converted with amendments by Law No. 79 of 5 June 2025, and, in particular, Article 1-bis amending Law No. 240 of 30 December 2010, introducing articles 22-bis and 22-ter;

HAVING REGARD to the Decree of the Ministry of University and Research (MUR) no. 592 of 6 August 2025, published on 10.09.2025, defining the minimum salary of post-doc and research assignments, pursuant to art. 22-bis and 22-ter of Law no. 240 of 30 December 2010;

RECALLED the "*Regulation on the regulation of research, consultancy, teaching and higher education activities carried out by the University of Parma against contracts or agreements with third parties*", issued with Rector's Decree no. 2298/2024, prot. 264866 of 4.10.2024;

RECALLED the resolution of the Board of Directors no. CDA/30-10-2025/389 of 30 October 2025 which, among other things, determined the remuneration for research assignments;

RECALLED the current "*Regulations for the awarding of research contracts, post-doc appointments and research assignments pursuant to articles 22, 22 bis and 22 ter of Law no. 240 of 30 December 2010*", issued with Rector's Decree no. 1851/2025, prot. 314523 of 7 November 2025 and subsequently amended by Rector's Decree no. 533/2026, prot. no. 119125 of 10.04.2026;

RECALLED the extract from the minutes of the Council of the Department of Mathematical, Physical and Computer Sciences - meeting of 22 January 2026 - adopted to the University protocol on 16.02.2026 at no. 55903, with which as part of the research project:

Title of the Research Project	Acronym	Responsible
Design and properties of all-inorganic, lead-free perovskites on III-V-(N) materials: new generation of eco-friendly hybrid detectors	PERVONIDE	Dott. Tarak Hidouri

the activation of n. 1 (one) research assignment, lasting 24 months, was approved, framed in (GSD) 02/PHYS-03, Experimental Physics of Matter and Applications, (SSD) PHYS 03/A Experimental Physics of Matter and Applications;

CONSIDERING that the coverage of the total cost of the research assignment in question, located in the BAND IR-B, equal to € 66,614.00 will be borne by the accounting project identified with the code "HIDO_T_24_MUR_YOUR2024_PNRR_01" which, as certified by the Department of Mathematical, Physical and Computer Sciences, has the necessary economic availability;

CONSIDERED it appropriate, for the above, to proceed with the announcement of the selection procedure for the conferral of the above position;

DECREES

- ART. 1 -

ANNOUNCEMENT OF THE PUBLIC SELECTION

A selection procedure is announced, **through comparative evaluation, for the assignment of n. 1 (one) research assignment, with a duration of 24 months, pursuant to art. 22 ter of Law no. 240 of 30.12.2010 and the related University Regulations**, aimed at introducing young scholars to research and innovation, as specified below:

TITOLO DEL PROGETTO DI RICERCA / TITLE OF RESEARCH PROJECT
<p>(ITA) Progettazione e proprietà delle perovskiti completamente inorganiche e prive di piombo su materiali III-V- (N): una nuova generazione di rivelatori ibridi ecocompatibili (PERVONIDE)</p> <p>(ENG) Design and properties of all-inorganic, lead-free perovskites on III-V-(N) materials: new generation of eco-friendly hybrid detectors (PERVONIDE)</p>
DESCRIZIONE DEL PROGETTO DI RICERCA / DESCRIPTION OF THE RESEARCH PROJECT
<p>(ITA) Questo progetto si concentra sulla progettazione, integrazione e caratterizzazione di perovskiti completamente inorganiche e prive di piombo, combinate con materiali semiconduttori III-V-(N) per lo sviluppo di una nuova generazione di fotodiodi ibridi ecologici (fotodiodi basati su perovskite e nitrato III). La ricerca mira a investigare le proprietà strutturali, ottiche ed elettroniche delle perovskiti prive di piombo e delle loro eterointerfacce con composti III-V-(N), con particolare attenzione al trasporto di carica, all'allineamento delle bande e all'ingegneria dei difetti. Saranno impiegate tecniche avanzate di modellazione e simulazione insieme alla validazione sperimentale per ottimizzare le architetture dei dispositivi e migliorare l'efficienza di rilevamento, la risposta spettrale e la stabilità. Eliminando il piombo tossico e sfruttando le eccellenti proprietà optoelettroniche dei materiali III-V-(N), questo progetto mira a fornire fotodiodi sostenibili e ad alte prestazioni, adatti ad applicazioni in imaging, sensori e sistemi optoelettronici. I risultati contribuiranno alla progettazione di materiali ecologicamente responsabili e alle tecnologie di rivelatori ibridi di nuova generazione.</p>

(ENG) This project focuses on the design, integration, and characterization of all-inorganic, lead-free perovskites combined with III–V-(N) semiconductor materials for the development of a new generation of eco-friendly hybrid photodetectors (III-nitride-perovskite-based photodetectors). The research aims to investigate the structural, optical, and electronic properties of lead-free perovskites and their heterointerfaces with III–V-(N) compounds, emphasizing charge transport, band alignment, and defect engineering. Advanced modeling and simulation techniques will be employed alongside experimental validation to optimize device architectures and enhance detection efficiency, spectral response, and stability. By eliminating toxic lead and leveraging the superior optoelectronic properties of III–V-(N) materials, this project seeks to deliver sustainable, high-performance photodetectors suitable for applications in imaging, sensing, and optoelectronic systems. The outcomes will contribute to environmentally responsible materials design and next-generation hybrid detector technologies.

RESPONSABILE DELLA RICERCA / RESEARCH MANAGER

Dott. Tarak HIDOURI

TITOLO DELL'INCARICO OGGETTO DELLA SELEZIONE / TITLE OF THE POSITION SUBJECT TO THE SELECTION

(ITA) Progettazione e proprietà delle perovskiti completamente inorganiche e prive di piombo su materiali III-V- (N): una nuova generazione di rivelatori ibridi ecocompatibili

(ENG) Design and properties of all-inorganic, lead-free perovskites on III-V-(N) materials: new generation of eco-friendly hybrid detectors

GRUPPO SCIENTIFICO DISCIPLINARE / SCIENTIFIC DISCIPLINARY GROUP

(ITA) 02/PHYS-03 - Fisica Sperimentale della Materia e Applicazioni

(ENG) 02/PHYS-03 - Experimental Physics of Matter and Applications

SETTORE SCIENTIFICO DISCIPLINARE / SCIENTIFIC DISCIPLINARY SECTOR

(ITA) PHYS 03/A - Fisica Sperimentale della Materia e Applicazioni

(ENG) PHYS 03/A- Experimental Physics of Matter and Applications

TUTOR

Dott. Tarak HIDOURI

OBIETTIVO OGGETTO DELL'INCARICO / OBJECTIVES COVERED BY THE ASSIGNMENT

(ITA) Fabbricazione di fotorivelatori ibridi per luce visibile a base di perovskiti senza Pb integrati con semiconduttori nitridi

(ENG) Fabrication of hybrid photodetectors for visible light based on integrated high-tstability Pb-free perovskites and nitride semiconductors

PRINCIPALI ATTIVITÀ DI ASSISTENZA ALLA RICERCA OGGETTO DELL'INCARICO / MAIN RESEARCH ASSISTANCE ACTIVITIES COVERED BY THE ASSIGNMENT

(ITA)

- (1) Progettare e sintetizzare materiali perovskitici completamente inorganici e privi di piombo con proprietà ottiche ed elettroniche controllate per applicazioni di fotodetenzione, garantendo sostenibilità ambientale e stabilità del materiale.
- (2) Studiare le proprietà strutturali, ottiche ed elettroniche delle perovskiti senza piombo e dei semiconduttori III–V-(N), con particolare attenzione alla modulazione del bandgap, agli stati di difetto e alla dinamica dei portatori di carica.
- (3) Modellare e ottimizzare eterostrutture ibride tra perovskiti e materiali III–V-(N), focalizzandosi sull'allineamento delle bande, sull'ingegneria delle interfacce e sui meccanismi di trasporto dei portatori.

- (4) Sviluppare e simulare architetture di fotodetettori ibridi ad alte prestazioni, mirando al miglioramento della responsività, della rivelabilità, della velocità di risposta e della copertura spettrale.
- (5) Analizzare la stabilità delle interfacce e i meccanismi di degradazione per aumentare l'affidabilità e la vita operativa dei dispositivi in condizioni di funzionamento reali.
- (6) Validare i modelli teorici mediante caratterizzazioni sperimentali, utilizzando tecniche avanzate quali spettroscopia, misure elettriche e microscopia...etc.
- (7) Promuovere tecnologie optoelettroniche ecosostenibili, sostituendo materiali a base di piombo con alternative sostenibili e compatibili con l'integrazione su larga scala.

(ENG)

- (1) Design and synthesize lead-free, all-inorganic perovskite materials with tailored optical and electronic properties for photodetection applications, ensuring environmental sustainability and material stability.
- (2) Investigate the structural, optical, and electronic properties of lead-free perovskites and III-V-(N) semiconductors, with particular emphasis on bandgap tuning, defect states, and charge-carrier dynamics.
- (3) Model and optimize hybrid heterostructures formed between perovskites and III-V-(N) materials, focusing on band alignment, interface engineering, and carrier transport mechanisms.
- (4) Develop and simulate high-performance hybrid photodetector architectures, aiming to enhance responsivity, detectivity, response speed, and spectral coverage.
- (5) Study interface stability and degradation mechanisms to improve long-term device reliability and operational lifetime under realistic working conditions.
- (6) Validate theoretical models through experimental characterization, employing advanced techniques such as spectroscopy, electrical measurements, and microscopy...etc.
- (7) Promote eco-friendly optoelectronic technologies by replacing toxic lead-based materials with sustainable alternatives suitable for large-scale integration.

DURATA DELL'INCARICO / DURATION OF THE ASSIGNMENT

(ITA) 24 MESI / **(ENG)** 24 MONTHS

IMPORTO LORDO PERCIPIENTE ANNUO / GROSS ANNUAL RECEIVING AMOUNT

27.000,00 € / year

SEDE PRINCIPALE DI SVOLGIMENTO DELLE ATTIVITÀ / MAIN PLACE OF THE ACTIVITIES

(ITA) Dipartimento di Scienze Matematiche, Fisiche e Informatiche
(ENG) Department of Mathematical, Physical and Computer Sciences

CONOSCENZE LINGUISTICHE RICHIESTE / LANGUAGE SKILLS REQUIRED

(ITA) Lingua Inglese / **(ENG)** English Language

NUMERO MASSIMO DI PUBBLICAZIONI E ALTRI PRODOTTI SCIENTIFICI PRESENTABILI / MAXIMUM NUMBER OF PUBLICATIONS AND OTHER SCIENTIFIC PRODUCTS THAT CAN BE SUBMITTED

(ITA) 5 (cinque) / **(ENG)** 5 (five)

CODICE UNICO PROGETTO (CUP) / UNIQUE PROJECT CODE (CUP)

D93C25000450007

COSTO COMPLESSIVO DELL'INCARICO DI RICERCA / TOTAL AMOUNT OF THE RESEARCH ASSIGNMENT

€ 66.614,00

FONTI e/o ENTE DI FINANZIAMENTO / SOURCES and/or FUNDING BODY

Funded by the European Union – NextGenerationEU – PNRR - Missione 4 Componente 2, Investimento 1.2 - Avviso MUR D.D. 201/2024 – project MSCA2024_0000041 - CUP D93C25000450007

PROGETTO CONTABILE SU CUI IMPUTARE IL COSTO COMPLESSIVO DELL'INCARICO / ACCOUNTING PROJECT TO WHICH THE COST OF THE ASSIGNMENT IS TO BE CHARGED

ID code	Name Accounting Project	Amount
HIDO_T_24_MUR_YOUR2024_PNRR_01	PNRR M4C2 I1.2 Avviso MUR DD 201/2024 "Design and properties of all-inorganic, lead-free perovskites on III-V-(N) materials: new generation of eco-friendly hybrid detectors" (PERVONIDE) - CUP D93C25000450007 - finanziato dall'Unione Europea Next Generation EU	66.614,00 €

- ART. 2 -

ADMISSION REQUIREMENTS FOR SELECTION

Italian and/or foreign candidates are eligible to participate in the selection process who, **on the date of expiry of the deadline for submitting applications for participation, meet the following requirements:**

1. Master's Degree (LM) **qualification**, obtained pursuant to Ministerial Decree 270/2004, belonging to one of the following classes:
 1. **LM-17 PHYSICS**
 2. **LM-SC. MAT (MATERIALS SCIENCE)**or other qualification, obtained in Italy or abroad, declared equivalent/equivalent pursuant to current legislation, in all cases, provided that it **has been obtained for no more than 6 (six) years.**
1. **scientific-professional curriculum suitable for assistance in carrying out research activities**, which will be evaluated by the Selection Committee.

The **qualification obtained abroad** must be official in the university system of reference, issued by an institution officially accredited in the country of origin, and must be recognized by the Selection Committee, in terms of nature, level and disciplinary correspondence, as equivalent to the Italian qualifications indicated above, for the sole purpose of awarding the research assignment covered by this call. In foreign university systems that provide for a single course of study that integrates the master's degree and the doctorate and that issue a unitary degree, the Selection Committee assesses the correspondence of the qualification, even if it is of a higher level.

Candidates in possession of a qualification obtained abroad can participate in the selection by opting for one of the following alternatives:

- a) attaching, if already possessed, a copy of the provision of academic recognition (former equivalence), with which the foreign qualification in Italy was conferred, assimilating it on a one-off basis to the Italian qualification required by the call for applications and allowing all the uses related to it, issued by the Ministry of University and Research (MUR) pursuant to art. 74 of Presidential Decree no. 382/1980 or, after 1 March 2022, by an Italian university or other Italian higher education institution pursuant to art. 38, paragraph 3.2, of Legislative Decree no. 165/2001¹;
- b) attaching the following documents for the assessment of the equivalence of the foreign qualification, by nature and disciplinary correspondence, to the Italian qualification indicated above, by the Selection Committee, for the sole purpose of participation in the selection procedure:

¹ For more information on the academic recognition procedure (*formerly equivalence*), please see:

<https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-0>

- copy of the title with translation² into Italian or English;
- copy of the certificate, issued by the competent University or Institution of Higher Education that awarded the qualification, certifying the exams passed (*Transcript of Record*) or copy of the *Diploma Supplement* -- copy of another instrument suitable for the latter, in all cases, with translation³ into Italian or English;
- any other document useful for the declaration of equivalence that the candidate already has.

In the case referred to in letter b), **the winner, for the purposes of entering the private law contract, must produce the declarations, certifications and/or attestations specified in Article 8**, to which reference is made, within the terms indicated therein, under penalty of forfeiture of the relevant right.

Those who are not eligible to participate in the selection process:

- a) belong to permanent staff of universities, public research bodies and institutions whose scientific specialization diploma has been recognized as equivalent to the title of PhD pursuant to Article 74, fourth paragraph, of Presidential Decree No. 382 of 11 July 1980;
- b) have a relationship of kinship or affinity, up to and including the 4th degree, with a professor belonging to the structure that proposed the activation of the position, or with the Rector, the Director General or a member of the University Board of Directors;
- c) have benefited from fixed-term Researcher contracts pursuant to Article 24 of Law No. 240 of 30 December 2010, in the version in force after the date of entry into force of Legislative Decree No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022 (RTT);
- d) have benefited from research assignments pursuant to art. 22 ter of Law no. 240 of 30 December 2010, even with different institutions, for a period that, added to the duration of the assignment put out for tender, exceeds a total of 3 (three) years, even if not continuous, except for any exceptions provided for in order to implement specific European Union research funding programs under the actions related to the Marie Skłodowska-Curie (MSCA) program. For the purposes of the duration of the aforementioned relationships, periods spent on maternity or paternity leave or for health reasons according to current legislation are not relevant;
- e) have held positions referred to in Articles 22, 22-bis, 22-ter and 24 of Law 240/2010, including with different universities, state, non-state or telematic, with institutions of Higher Education in the Arts, Music and Dance, with institutions whose scientific specialization diploma has been recognized as equivalent to the title of PhD pursuant to Article 74, fourth paragraph, of Presidential Decree 382/1980, and with public research institutions, for a period that, added to the duration of the assignment put out for tender, exceeds a total of 11 (eleven) years, even if not continuous. For the purposes of the duration of the aforementioned relationships, periods spent on maternity leave or for health reasons according to current legislation are not relevant;
- f) they are excluded from the enjoyment of civil and political rights in their country of origin or origin (for foreign citizens or those who do not hold refugee status or subsidiary protection, the enjoyment of civil and political rights refers to the country of citizenship).

The prescribed requirements must be met on the date of expiry of the deadline for submitting applications for admission to the selection.

Candidates are admitted to the selection with reservations. Exclusion from the selection procedure for lack of requirements or for declarations made pursuant to Presidential Decree 445/2000 that are untrue may be ordered at any time, even after the selection has been carried out, with a reasoned Decree of the Rector. The exclusion will be notified directly to the interested party.

² The translation can be official (by the Italian diplomatic or consular authorities of the country in which the documents were drawn up), or sworn (carried out by a translator at the competent Italian judicial authority) or simple. In the latter case, it is necessary to attach the declaration in lieu of the affidavit, art. 19 and 47 of Presidential Decree no. 445 of 28 December 2000) with which the candidate must specify that the translation (e.g. in Italian) conforms to the original document in a foreign language attached.

³ See previous note

The Administration guarantees equality and equal opportunities between men and women for access to work and treatment in the workplace.

- ART. 3 -

APPLICATION FORM, TERMS AND METHODS OF SUBMISSION

The application for participation in the selection, together with the attachments, must be submitted, under penalty of exclusion, electronically, using the dedicated IT platform "PICA", available at:

<https://pica.cineca.it/unipr/2026idr010>

In this regard, candidates are invited to consult the [Guidelines](#) for filling out the application available at the same address.

The procedure for **filling in and sending the application form electronically, including any documentation required, must be completed no later than 11.59 p.m. (Italian time) on the 15th (fifteenth) day, starting from the day following that of the publication of this decree on the University on-line notice board.** If the deadline indicated falls on a public holiday, the deadline is extended to the first working day.

The date of electronic submission of the application for participation in the selection will be certified by the PICA system; The receipt of the application and its subsequent registration will be notified to the candidate by means of two separate e-mail messages.

Each application will be assigned a unique identification number (application ID) and a protocol number visible within the application; for each subsequent communication, the application ID must be used together with the selection code **2026idr010**.

Other forms of sending applications or documentation useful for participation in the selection are not allowed.

The computerized procedure for submitting applications and attachments will be deactivated strictly at the end of the deadline and the computer system will no longer allow access to the *form*, nor the submission of the application.

In the event that the IT procedure described is unavailable, the University of Parma reserves the right to communicate through its website, alternative methods for submitting applications for participation in the selection.

The online application form must be completed in all its parts, as indicated in the procedure; The required documents can only be attached in PDF format.

Under penalty of exclusion, the application must be signed by the candidate in one of the ways specified in the guidelines.

Within the deadline of the call, the candidate can withdraw his/her application using the PICA system; the receipt of the withdrawal application and its registration will be notified to the candidate by means of two separate e-mail messages. After the deadline of the call, any waiver to participate in the selection, signed and dated, must be promptly communicated to protocollo@unipr.it or protocollo@pec.unipr.it together with a copy of an identity document, specifying the application ID together with the selection code.

To report problems of a purely technical nature, you can contact support via the link at the bottom of the <https://pica.cineca.it/unipr page>.

In the application, the candidate must indicate the domicile elected for the purposes of the selection, as well as a telephone number and e-mail address for communications from the University Administration.

Any changes must be promptly communicated to this University by e-mail to the following address: concorsipta@unipr.it.

Furthermore, the Administration does not assume responsibility for the failure to receive communications, due to inaccurate indications from the competitor or from failure or late communication of the change of addresses and contact details indicated in the application, nor for any computer errors, in any case attributable to third parties, fortuitous events or force majeure.

After the expiry of the deadline of this call, no documentary integration will be admitted.

In the application for admission, the candidate must indicate and/or declare pursuant to Presidential Decree no. 445/2000:

- a) surname, first name and tax code;
- b) place and date of birth;
- c) Citizenship Held;
- d) residence with the indication of municipality, street, house number, province and postal code and, for the purposes of communications by the University Administration in relation to this selection, a telephone number and an e-mail address and the domicile elected for the purposes of the selection. Any change in residence/domicile must be promptly communicated to the address concorsipta@unipr.it
- e) if an Italian citizen, the municipality in which she is registered, or the reasons for non-registration or cancellation from the same lists;
- f) if an Italian citizen or foreigner, to enjoy civil and political rights also in the countries of origin or origin;
- g) possession of the requirements for admission to the selection procedure;
- h) not to belong to the tenured staff, hired on a permanent basis, of universities, public research bodies and institutions whose scientific specialization diploma has been recognized as equivalent to the title of PhD pursuant to art. 74, fourth paragraph, of Presidential Decree no. 382 of 11 July 1980;
- i) not to have a family or affinity relationship, up to and including the 4th degree, with a professor belonging to the Department who proposed the activation of the position, with the Rector, the Director General or a member of the Board of Directors of the University;
- j) that they have not benefited from fixed-term researcher contracts referred to in Article 24 of Law No. 240 of 30 December 2010, in the version in force after the date of entry into force of Legislative Decree No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022 (RTT);
- k) not to have benefited from research assignments pursuant to art. 22 ter of Law no. 240 of 30 December 2010, for a period that, added to the duration of the assignment put out for tender, exceeds a total of 3 (three) years, even if not continuous, except for any exceptions provided for in order to implement specific European Union research funding programs under the actions related to the Marie Skłodowska-Curie (MSCA) program. For the purposes of the duration of the aforementioned relationships, periods spent on maternity or paternity leave or for health reasons according to current legislation are not relevant;
- l) that he/she has not held positions referred to in Articles 22, 22-bis, 22-ter and 24 of Law No. 240 of 30 December 2010, including with different universities, state, non-state or telematic, with institutions of Higher Education in the Arts, Music and Dance, with institutions whose scientific specialization diploma has been recognized as equivalent to the title of PhD pursuant to Article 74, fourth paragraph, of Presidential Decree 382/1980, and with public research bodies, for a period that, added to the duration of the assignment put out for tender, exceeds a total of 11 (eleven) years, even if not continuous, taking into account that, for the purposes of the duration of the aforementioned relationships, periods spent on maternity leave or for health reasons according to current legislation are not relevant;
- m) that they have not been convicted of any criminal offences, even if they are not final, and that they do not have any criminal proceedings in progress, in Italy or abroad; otherwise, the convictions, the proceedings against them and any criminal record must be indicated, specifying the date of the measure and the judicial authority that issued it or the one before which any criminal proceedings are pending. The existence of a previous criminal conviction is not in itself an obstacle to the stipulation of the private law contract and it will be the responsibility of the Administration to ascertain the existence of the moral and aptitude requirements to carry out the activity;
- n) that the copies of the attached documents are true to their originals;
- o) that what is stated in their *curriculum vitae*, attached to the application, is true.

Pursuant to art. 3 of Presidential Decree no. 445/2000, citizens of non-European Union countries, legally residing in Italy, can use the substitute declarations only for:

- states, facts and qualities that can be certified or attested by Italian public bodies, without prejudice to the special provisions contained in the laws and regulations concerning the discipline of immigration and the condition of foreigners
- states, facts and qualities that can be certified or attested in application of international conventions between Italy and the country of origin of the declarant, indicating the Convention invoked and the act by which it was transposed into Italian law.

Apart from the above-mentioned cases, the states, personal qualities and facts are documented by certificates or attestations issued by the competent authority of the foreign State, accompanied by a translation into Italian authenticated by the Italian consular authority certifying their conformity to the original.

Candidates with disabilities and/or disabilities recognized pursuant to Law no. 104 of 5 February 1992 and Law no. 68 of 12 March 1999, in the application form, must explicitly request the necessary assistance to be able to take the interview, in relation to their disability, to be documented, by means of a suitable certificate issued by the medical-legal commission of the ASL of reference or by an equivalent public structure. Failure to indicate in the application the request for aids and tools, as well as failure to submit the required documentation, exempt the Administration from any obligation in this regard. The request must be drawn up following the instructions available in the online application procedure for participation in the competition procedure.

The University assumes no responsibility in the event of the candidate's unavailability or for the dispersion of communications due to the candidate's inaccurate indication of the address or failure or late communication of the change of address indicated in the application, nor for any postal or telegraphic errors not attributable to the Administration itself.

- ART. 4 -

ATTACHMENTS TO THE APPLICATION FORM

The application must be accompanied by the following attachments, in non-modifiable format (pdf):

- a) **curriculum vitae**, drawn up in the European format, in Italian or English, duly dated and signed, containing the explicit and articulated statement of the scientific and professional activity;
- b) **the detailed list, dated and signed, containing the indication, in progressive order, of the qualifications**, as well as, in the maximum number **envisaged, of the publications and other scientific products** relevant to the research activity that the candidate intends to submit to the evaluation of the Selection Committee;
- c) **the titles, publications, as well as other scientific products** relevant to the research activity, mentioned in the list referred to in point b), in digital PDF format;
- d) copy of a **valid identity document** (front and back) with visible signature, even for those signed with a digital signature. Those who are citizens of a European Union country must present their passport, or an identity document issued by the country of origin. Applicants from countries outside the European Union must present only their passport;
- e) any **other documentation** required under any specific conditions provided for in the announcement.

Only what is actually attached to the application form can be assessed, as long as it is contained in files that are not damaged and/or illegible.

Titles, publications, as well as other scientific products related to the research activity, sent after the same deadline, will not be taken into consideration. All publications must already be published by the deadline for the submission of the application for admission.

The candidate is required to comply with the maximum number of publications and other scientific products to be submitted indicated in Article 1 of this call. If the list contains a greater number of publications and/or other scientific products, only those that fall within the aforementioned limits will be taken into consideration for the purposes of evaluation, according to the ascending order of listing. In the event of discrepancies between the list and the accompanying publications and/or other scientific products, the list shall prevail.

Documents drawn up in a foreign language must be accompanied by an Italian translation, certified as conforming to the foreign text by the competent diplomatic or consular representation, or by an official translator, in accordance with current legislation. An exception is made for publications in English, for which translation into Italian is not necessary.

- ART. 5 -

SELECTION COMMITTEE

The Selection Committee, established pursuant to art. 56 of the "Regulations for the awarding of research contracts, post-doc appointments and research assignments pursuant to articles 22, 22 bis and 22 ter of Law no. 240 of 30 December 2010", is appointed by Decree of the Rector, on the proposal of the Department Council.

- ART. 6 -

SELECTION MODE

The selection is carried out through a **comparative evaluation of the candidates** through the examination of qualifications, publications and other scientific products, as well as the carrying out of a **public interview** useful for ascertaining the aptitude and suitability for research, as well as the language skills, of the candidates themselves.

For the evaluation of each candidate, the Selection Committee has a **maximum of 100 (one hundred) points** available, divided on the basis of the following criteria:

Evaluation criteria	Maximum score that can be awarded
a) relevance and relevance of titles, publications and other scientific products, in relation to the activities covered by the assignment	40 points
b) interview aimed at ascertaining the aptitude and suitability to carry out the activity covered by the assignment, as well as the knowledge of English and/or other languages relevant to the research activities to be carried out	60 points

The Selection Committee, before examining the applications, analytically declines the aforementioned evaluation criteria, published on the University website at the address <https://www.unipr.it/bandi-incarichi-di-ricerca>, in the section dedicated to this procedure, as well as the methods of evaluation of the same in order to assign the relative scores.

Candidates who have obtained a score of at least 25 (twenty-five) points in the evaluation of qualifications, publications and other scientific products are admitted to the interview.

The notice containing the list of candidates admitted to the interview, with an indication of the score obtained by them in the evaluation of qualifications, publications and other scientific products, as well as the communication of any changes with respect to what has already been announced, will be published on the University website (link: <https://www.unipr.it/bandi-incarichi-di-ricerca>), in the section dedicated to this procedure, with notification value to all interested parties, on **11 MAY 2026**.

The interview, in public, will take place according to the following **calendar**:

Date and time	Procedure	Platform and link for connection
MAY 15, 2026 10:00 am (Italian time)	Telematics (*)	The platform used and the link for the connection will be indicated in the aforementioned notice, subject to publication on 11 MAY 2026 , together with the list of admitted candidates

(*) The public form that distinguishes the interview will be guaranteed by allowing anyone to be able to attend it at the time of its development, by connecting to the videoconference link.

For the purposes of identification and under penalty of exclusion from the selection procedure, each candidate is required, before the interview begins, to identify himself/herself, by showing a suitable identification document. Those

who are citizens of a European Union country must present their passport, or an identity document issued by the country of origin. Applicants from non-EU countries must present only their passport.

The absence of the candidate from the interview will be considered as a waiver of the procedure, whatever the cause.

Once the evaluation has been concluded, the Commission shall draw up a merit ranking list for each candidate, on the basis of the criteria referred to in points a) and b) above, in descending order and identify the winner of the selection. The judgment of the Commission is final on the merits.

The selection is considered passed with a minimum score of 70 (seventy) points out of a total of 100 (one hundred).

The research assignment is awarded to the candidate who has obtained the highest overall score according to the order of the final ranking. In the event of equal merit, the candidate of the youngest age is preferred.

- ART. 7 -

APPROVAL OF THE ACTS OF THE SELECTION PROCEDURE

The acts of the selection procedure are approved by Rector's Decree, published on the *online Register* and on the website of the University of Parma in the section dedicated to the procedure, which can be reached via a link to the <https://www.unipr.it/bandi-incarichi-di-ricerca> address, which will declare the winner under a condition precedent of the verification of the requirements for the assignment of the appointment. The deadline for any appeals runs from the day of publication of this decree.

The ranking list remains in force for 12 (twelve) months, starting from the date of approval of the acts, without prejudice to compliance with all the requirements for activating the research assignment. No declarations of eligibility for selection will be made.

In the event of renunciation or forfeiture due to non-acceptance within the deadline set by the Administration, the search assignment may be assigned to another candidate who has been found suitable according to the order of the respective ranking. The scrolling of the ranking, in this case, is ordered by Decree of the Rector.

During the validity of the ranking list, in the presence of further justified needs relating to the performance of the same research project, the Department Council may propose to the Rector the assignment of additional research assignments to candidates duly placed in the ranking list, provided that the availability of the relevant financial coverage has been ascertained.

- ART. 8 -

ASSIGNMENT OF THE RESEARCH ASSIGNMENT

The assignment of the research assignment takes place through the stipulation of a fixed-term private law contract, with a duration of 24 (twenty-four) months, containing the rights and duties of the parties, to be signed within the term set by the University.

The private law contract is signed by the person declared "winner" or "winner" and by the Rector.

When concluding the private law contract, the interested party is invited to submit the documentation required under current legislation. Failure to deliver or incomplete delivery or failure to regularise it, within the prescribed period, will result in the forfeiture of the right to the assignment.

Citizens of non-European Union countries, in order to sign the private law contract, must certify the regularity of their position regarding their stay in Italy, pursuant to the current provisions on immigration (Legislative Decree 286/1998).

In the case of a qualification obtained abroad, in order to sign the private law contract, the winner must provide, within a maximum of 90 days from the date of issuance of the Rector's Decree approving the acts, a certified copy of the original⁴, pursuant to Article 18 of Presidential Decree 445/2000, of the following documents, under penalty of forfeiture of the right to enter into the private law contract:

⁴ Photocopy of the original document authenticated by the Italian diplomatic representations in the foreign country of origin of the document authenticated pursuant to Article 18 of Presidential Decree no. 445/2000.

1. Declaration of value on site issued by the Italian diplomatic representations (embassies/consulates) present in the country of issue, including, where applicable, apostille/legalization ⁵ or Certificate of verification issued by CIMEA, Italian center ENIC-NARIC;
2. Certificate of comparability, issued by CIMEA, the Italian centre for ENIC-NARIC, or, for countries that have signed the Lisbon Convention, the ARDI Statement of comparability that can be downloaded automatically and free of charge from the relevant database; the level of the qualification must correspond to at least level 7 of the European Qualifications Framework – EQF;
3. Certificate issued by the competent University or Institution of Higher Education that awarded the qualification, attesting to the exams passed (*Transcript of Record*), including apostille/legalization, where applicable, and translation⁶ into Italian or English
or *Diploma Supplement*, including apostille/legalization, where applicable, and translation into Italian or English, also issued by the University or Institution of Higher Education, in the case of qualifications obtained in a country belonging to the European Higher Education Area (EHEA), which includes EU countries and others of the so-called Bologna Process, as well as by countries adhering to European standards
or other instrument similar to the Diploma Supplement (e.g. *Higher Educational Achievement Report (HERA)*, *Tertiary Education Qualification Statement (TEQS)*, etc.), including apostille/legalization, where applicable, and translation into Italian or English.

Those who, within the deadline set by the University, do not declare that they accept it or do not sign the relevant private law contract forfeit the right to the conferral of the research assignment.

The holding of research assignments does not in any way constitute an employment relationship and does not confer any right to access the role of universities, public research bodies and institutions whose scientific specialization diploma has been recognized as equivalent to the title of PhD pursuant to Article 74, fourth paragraph, of Presidential Decree no. 382 of 11 July 1980, nor can it be taken into account for the purposes of Article 20 of Legislative Decree no. 75 of 25 May 2017.

- ART. 9 -

RIGHTS AND DUTIES OF THE HOLDER OF A RESEARCH ASSIGNMENT

The holder of the research assignment carries out the research assistance activities in conditions of autonomy and without preordained working hours, within the limits of the research program and the indications provided by the Tutor, under whose supervision he/she is placed.

The holder of the research assignment is required to:

1. submit, normally every six months and, in any case, at the end of the report, to the Department Council a detailed report on the activity carried out, endorsed by the Tutor;
1. comply with the rules of protection and safety in the workplace, including in the health field, in force at the University;
2. to observe and comply with all the provisions of the University Code of Ethics, the Code of Conduct for public employees adopted by Presidential Decree no. 62 of 16 April 2013 and the University Code of Conduct;
3. the provisions contained in the private law contract stipulated at the time of the assignment itself.

The violation by the holder of the assignment of the obligations deriving from the Code of Conduct for public employees may result in the termination of the private law contract and the consequent termination of the research assignment.

⁵ For information on legalization, please refer to [the website of the Ministry of University and Research](#)

⁶ The translation can be official (by the Italian diplomatic or consular authorities of the country in which the documents were drawn up), or sworn (carried out by a translator at the competent Italian judicial authority) or simple. In the latter case, it is necessary to attach the declaration in lieu of the affidavit art. 19 and 47 of Presidential Decree no. 445 of 28 December 2000) with which the candidate must specify that the translation (e.g. in Italian) conforms to the original document in a foreign language attached.

The activity of the holder of the assignment is carried out at the headquarters of the structure concerned, without prejudice to the missions or off-site activities envisaged by the research project and/or those previously authorized by the reference tutor, the Research Manager and approved by the Council of the structure itself.

The University provides the holder of the assignment with the necessary support for the realization of the activity covered by the assignment, guaranteeing access to the premises, equipment and the use of technical-administrative services, compatibly with its organization, with the needs and with the resources available for the specific research program.

- ART. 10 -

INCOMPATIBILITY

The research assignment is not compatible with:

1. attendance of bachelor's, master's or master's degree courses, research doctorates or specializations in the medical area, in Italy or abroad, without prejudice to the possibility of implementing specific European Union research funding programs as part of the actions related to the Marie Skłodowska-Curie (MSCA) program;
2. the holder of PhD scholarships or other scholarships, for any reason, conferred by national or foreign institutions, except in the case where these are aimed at international mobility for research reasons;
3. the tenure, also at other universities or public research institutions, of a research grant, of another research assignment conferred pursuant to art. 22 ter of Law no. 240 of 30 December 2010, of a research contract conferred pursuant to art. 22 of Law no. 240 of 30 December 2010, of a post-doc assignment conferred pursuant to art. 22 bis of Law 30 December 2010, no. 240, as well as a fixed-term Researcher contract pursuant to art. 24 of Law no. 240 of 30 December 2010;
4. any other employment relationship, including part-time or fixed-term employment, with public and private entities.

- ART. 11 -

ECONOMIC, FISCAL, SOCIAL SECURITY AND INSURANCE TREATMENT

The holder of the research assignment is paid, for the entire duration of the private law contract, the gross annual amount indicated in Article 1 of this call, determined in relation to the commitment required and the complexity of the activities to be carried out. The amount is allocated to the holder of the assignment in monthly installments of the same amount.

In tax matters, the provisions of art. 4 of Law no. 476 of 13.08.1984 and subsequent amendments and additions. (Assignments exempt from IRPEF).

In the field of social security, the provisions of art. 2, paragraphs 26 et seq. of Law no. 335 of 08.08.1995 and subsequent amendments and additions. The holder of the research assignment is responsible for registering with the INPS separate management.

Regarding compulsory maternity leave, the provisions of the Decree of the Minister of Labour and Social Security of 12 July 2007, published in the Official Gazette no. 247 of 23 October 2007, apply. During the period of compulsory maternity leave, the allowance paid by INPS, pursuant to Article 5 of the aforementioned Decree of 12 July 2007, is supplemented by the University or by the funding body up to the full amount of the research assignment.

With regard to sick leave, Article 1, paragraph 788, of Law No. 296 of 27 December 2006 applies.

The University provides insurance coverage for accidents and civil liability towards third parties in the performance of research activities.

- ART. 12 -

PERSON IN CHARGE OF THE PROCEDURE AND RIGHT OF ACCESS TO DOCUMENTS

Pursuant to Law no. 241 of 7.08.1990 and subsequent amendments and additions:

Responsible administration	University of Parma
Subject-matter of the proceedings	Selection procedure for the assignment of research assignments pursuant to art. 22 ter of Law 240/2010 and the related University Regulations
Office, digital domicile and Responsible for the procedure	Personnel and Organization Area / Recruitment O.U. PEC: protocollo@pec.unipr.it Avv. Anna Maria Perta
How to view the documents and exercise the rights provided for by Law 241/1990 and subsequent amendments	To exercise the right of access to procedural documents, it is necessary to send a request to the University protocol using the form available on the website (link: https://www.unipr.it/node/12548)

- ART. 13 -

PROCESSING OF PERSONAL DATA

The personal data of the candidates, communicated to the University of Parma, will be processed, in paper or electronic form, for the sole purposes inherent in carrying out the selection and managing any assignment, in compliance with the provisions in force. Candidates are invited to read the specific [information, provided pursuant to Article 13 of EU Regulation 2016/679](#) – General Data Protection Regulation, published on the University website.

- ART. 14 -

SAFEGUARD OR POSTPONEMENT RULES

This announcement constitutes the "*lex specialis*" of the selection procedure and participation in the same implicitly implies the acceptance, without reservation, of all the provisions contained therein.

For all matters not covered by this call, please refer to the "[Regulations for the awarding of research contracts, post-doc appointments and research assignments pursuant to articles 22, 22 bis and 22 ter of Law no. 240 of 30 December 2010](#)", cited in the introduction, as well as to the regulations in force on the subjects covered.

The University of Parma will carry out checks on the veracity of the substitute declarations made for the winner and, if necessary, suitable candidates, pursuant to art. 71 of Presidential Decree no. 445 of 28.12.2000. Should the check reveal the untruthfulness of the content of the declaration, the declarant will forfeit the benefits obtained on the basis of the untruthful declaration and, if necessary, the termination of the private law contract stipulated will be determined, without prejudice to the provisions of art. 76 of Presidential Decree no. 445 of 28.12.2000 on criminal sanctions.

The University reserves the right, at its sole discretion, to extend or reopen the terms of this call, to make any changes or additions to this call for applications, as well as to revoke or suspend it for reasons of public interest.

An extraordinary appeal to the Head of State may be lodged against this measure within 120 days from the date of publication, or, in judicial proceedings, an appeal to the Regional Administrative Court, within 60 days from the same date.

- ART. 15 -

INFORMATIONS

For any information, interested parties can contact the Organizational Unit (O.U.) Recruitment, Via Università 12, 43121 Parma – Telephone numbers: 0521.034382 / 0521.034386 / 0521.034108 - E-mail address: concorsipta@unipr.it

The staff in charge receives the public by appointment only and answers phone calls from Monday to Friday from 9:00 to 11:00.

This call for applications, drawn up in Italian and English, will be made public by:

- ✓ publication on the recruitment portal INPA - Department of Public Administration;



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- ✓ publication on the website of the MUR – European Union, at <https://bandi.mur.gov.it/>;
- ✓ publication on the online Register and on the website of this University at <https://www.unipr.it/bandi-incarichi-di-ricerca>

Unless otherwise specified, communications to candidates will be provided only by publication of the same on the University website, in the section dedicated to the procedure, which can be reached at the address indicated above. Such publications will be deemed to be notification to all intents and purposes. Candidates, in order to acquire all the necessary information, are therefore required, for the entire duration of the selection procedure, to consult the University's institutional website.

Prof. Paolo Martelli

Digitally signed pursuant to Legislative Decree no. 82/2005

U.O.R. Unità Organizzativa Responsabile	Area Personale e Organizzazione	Avv. Anna Maria Perta
R.P.A. Responsabile del Procedimento Amministrativo	U.O. Reclutamento	