



IUSS

Scuola Universitaria Superiore Pavia

The official and legally binding of the call for application is the one in Italian.

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Rector's Decree No. */2026

*Protocol registration number listed in the metadata of the Titulus electronic protocol system

Subject: Selection Procedure for the Award of 1 Postdoctoral Research Appointment pursuant to Art. 22-bis of Law 240/2010: Class of Science, Technology, and Society – GSD 02/PHYS-06 PHYSICS FOR LIFE SCIENCES, ENVIRONMENT, AND CULTURAL HERITAGE, PHYSICS EDUCATION AND HISTORY OF PHYSICS – SSD PHYS-06/A Physics for Life Sciences, Environment, and Cultural Heritage – Code: IPD 2026-01

Published on the School's Notice Board

Area: Human Resources, Procurement, Construction, and Heritage

U.O.: Human Resources

THE RECTOR

PURSUANT to Legislative Decree No. 165 of March 30, 2001: "General Provisions on the Organization of Employment in Public Administration" and subsequent amendments and additions;

HAVING REGARD TO Law No. 240 of December 30, 2010, as amended and supplemented, and, in particular, Article 22-bis of the Law as amended by Law No. 79/2022;

HAVING REGARD TO EU Regulation No. 679/2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data;

HAVING REGARD TO Law No. 15 of February 25, 2022, Article 1, paragraph 28-quinquies, concerning the recognition of foreign academic qualifications;

HAVING REGARD TO the Statutes of the IUSS Pavia Graduate School, issued by Rector's Decree No. 46 of March 9, 2022, and published in the Official Gazette on March 30, 2022;

HAVING REGARD TO the Code of Ethics and Conduct of the IUSS Pavia Graduate School;

HAVING REGARD TO the Regulations for the Award of Postdoctoral Research Appointments pursuant to Article 22-bis of Law No. 240 of December 30, 2010, of the IUSS Pavia Graduate School, issued by Rector's Decree No. 794 of December 22, 2025;

HAVING REGARD TO the resolution of the Council of the Department of Science, Technology, and Society, held on July 14, 2026, approving the proposal to establish a postdoctoral position pursuant to Article 22-bis of Law No. 240 of December 30, 2010 – Disciplinary Scientific Group 02/PHYS-06 PHYSICS FOR LIFE SCIENCES, ENVIRONMENT, AND CULTURAL HERITAGE, PHYSICS EDUCATION AND HISTORY OF PHYSICS; Disciplinary Scientific Sector PHYS-06/A Physics for Life Sciences, Environment, and Cultural Heritage;

HAVING REGARD TO the resolution of the Academic Senate dated July 22, 2026, which approved the establishment of a postdoctoral position pursuant to Article 22-bis of Law No. 240/2010 – Scientific Disciplinary Group 02/PHYS-06 PHYSICS FOR LIFE SCIENCES, ENVIRONMENT, AND CULTURAL HERITAGE, PHYSICS EDUCATION AND HISTORY OF PHYSICS, Scientific Disciplinary Sector PHYS-06/A Physics for Life Sciences, Environment, and Cultural Heritage, as mentioned above;

HAVING VERIFIED the availability of the financial resources necessary to cover the position provided for in the selection process under the third-party account agreement with Iplus, signed on July 6, 2026;

DECREES

Art. 1 – PURPOSE OF THE CALL FOR APPLICATIONS

The IUSS Graduate School of Pavia hereby announces a selection procedure for the award of one postdoctoral position pursuant to Art. 22-bis of Law No. 240/2010, as specified in Annex 1, which constitutes an integral part of this call for applications.

Art. 2 – ACTIVITIES TO BE PERFORMED

The position involves conducting research, as well as collaborating on teaching and “third mission” activities; the contract will be activated upon the successful completion of these activities. These activities are carried out under the supervision of a scientific advisor, as indicated in Annex 1.

For the purposes of reporting on research projects, the estimated workload is 1,500 hours per year.

Postdoctoral fellows shall organize their work in consultation with the project’s scientific supervisor, as listed in Annex 1.

The conduct of research activities and any collaboration on “third mission” activities must be self-certified monthly and validated by the Principal Investigator of each funded project in which the postdoctoral fellow is involved.

Art. 3 – ELIGIBILITY REQUIREMENTS FOR THE SELECTION PROCESS

Candidates, including those who are citizens of countries outside the European Union, may participate in the selection process provided they possess a scientific and professional background suitable for carrying out the activities covered by the position and hold a Ph.D. or equivalent degree, obtained in Italy or abroad.

The eligibility requirements for the selection process must be met by the application deadline.

If the Ph.D. was earned abroad, alternatively:

- 1) you must provide the details of the academic recognition decree (formerly “equivalence”) granting the title of “dottore di ricerca” under the Italian university system, issued pursuant to Article 2 of Law 148/2002 and Article 1, paragraph 28-quinquies, of Law 15/2022, for those who already hold it by the application deadline;
- 2) pending the issuance of the decree of academic recognition (formerly “equivalence”), applicants must attach the receipt confirming submission of the application to the relevant authorities. The application for recognition of a doctoral degree must be submitted, effective March 1, 2022, in accordance with the

provisions of Law 15 of 2022, to a university of the applicant's choice that offers a doctoral program in the same field as the degree obtained abroad by the applicant. Information on procedures, deadlines, forms, and required documentation should be requested from the registrar's office of the university to which you intend to submit your application and/or found on the university's website. For more information: <https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-0>;

3) Pursuant to Article 38, paragraph 3, of Legislative Decree 165/2001, the recognition of foreign academic qualifications—which hold official validity in the country where they were obtained—for the purpose of participating in public competitive examinations for the recruitment of civil servants (excluding competitive examinations for teaching staff at schools of all levels) is to be carried out by the Department of Public Administration of the Presidency of the Council of Ministers, subject to the approval of the Ministry of Education and Merit or the Ministry of Universities and Research. Candidates who hold a qualification obtained abroad are provisionally admitted to participate in the competitive examinations referred to in the first sentence. The Department of Public Administration shall conclude the recognition procedure referred to in this paragraph only with respect to the successful candidates, who are required—under penalty of forfeiture—to submit an application for recognition to the Ministry of Universities and Research or the Ministry of Education and Merit within fifteen days of the publication of the final ranking list. The forms are available on the MUR website: <https://www.funzionepubblica.gov.it/it/il-dipartimento/documentazione/moduli-equivalenza-titoli-di-studio/>.

Certificates of Value issued by Italian diplomatic missions abroad do not correspond to either the equivalence or the equivalency mentioned above and, therefore, are not admissible.

It should be noted that, in the case of a foreign degree that has not yet been recognized, candidates are admitted to the selection process on a provisional basis and that, if they are deemed eligible upon the conclusion of the selection process, the signing of the contract will be contingent upon the outcome of the procedure for the recognition of said foreign degree. Documentation proving the recognition (i.e., equivalence) of the foreign degree must be submitted to the IUSS School in the manner and within the timeframe established when the successful candidate is notified of their selection.

The following individuals are not eligible to participate in this selection process:

- tenured faculty and researchers, hired on permanent contracts—even if they have left service—at universities, public research bodies, and institutions whose advanced scientific degree has been recognized as equivalent to a Ph.D. pursuant to Article 74, paragraph 4, of Presidential Decree No. 382 of July 11, 1980;
- those who have held fixed-term researcher contracts pursuant to Article 24 of Law No. 240 of 2010, as amended following the effective date of Decree-Law No. 36 of April 30, 2022, converted, with amendments, by Law No. 79 of June 29, 2022 (RTT);
- those who are related by blood or marriage up to and including the fourth degree to a professor belonging to the academic class proposing the contract, or to the Rector, the Director General, or a member of the Academic Senate;
- those who have already held postdoctoral research appointments pursuant to Article 22-bis of Law 240/2010 at the IUSS School or other Italian universities—whether public, private, or online—or at the institutions referred to in paragraph 1 of the same article, for a period that, when added to the expected

duration of the position covered by this call for applications, exceeds a total of 3 years, even if not consecutive. The maximum time limits referred to in the preceding paragraph may be waived solely for the purpose of implementing specific European Union research funding programs within the framework of actions related to the Marie Skłodowska-Curie (MSCA) program. For the purposes of calculating the aforementioned total duration, periods spent on maternity or paternity leave or on medical leave in accordance with current legislation are not taken in;

- those who have already held research contracts (Art. 22 of Law 240/2010), postdoctoral research appointments (Art. 22-bis of Law 240/2010), and research positions (Art. 22-ter of Law 240/2010), even if awarded or entered into by different institutions, for a period that, when added to the expected duration of the position covered by this call for applications, exceeds a total of 11 years, even if not consecutive. For the purposes of calculating the aforementioned total duration, periods spent on maternity or paternity leave or on medical leave in accordance with current legislation are not taken into account.

Exclusion from the selection process due to failure to meet the prescribed requirements may be ordered at any time, even after the tests have been administered, by a reasoned decree of the Rector and notified to the applicant.

Art. 4 – PROCEDURES AND DEADLINES FOR SUBMITTING APPLICATIONS

The application to participate in the public selection process, as well as the qualifications held, documents, and attachments deemed relevant to the selection process, must be submitted electronically—under penalty of exclusion—using the dedicated online platform at: <https://pica.cineca.it/iuss/>.

No other methods of submitting applications or documentation required for participation in the process will be accepted.

The process of completing and electronically submitting the application must be completed no later than the deadlines indicated in Annex 1 to this announcement.

After the aforementioned deadline, no additional documentation will be accepted, unless specifically requested by the administering authority.

You can access the online application via SPID/CIE by selecting the IUSS Pavia Graduate School from the list of available federations on the page; alternatively, the application will require you to have an email address in order to register with the system.

The applicant must enter all the information required to complete the application and attach the documents in .PDF format.

The application must be completed in its entirety.

Until the application deadline, the system allows you to save the entered data as a “draft,” enabling you to modify and/or add to it. By the aforementioned deadline, the application for admission to the process must be finalized, and the date of electronic submission will be certified by the system via a specific receipt that will be automatically sent by email. Once the application has been submitted and the confirmation email has been received, it will no longer be possible to access the application to make changes; however, it may be withdrawn by clicking the “Withdraw” button on the home page (dashboard). If necessary, the applicant may submit a new application.

Once the submission deadline has passed, the system will no longer allow access to or submission of the online application.

Each application will be assigned a numerical identifier, which must be specified in any communication regarding the application process.

If you log in using SPID/CIE, no signature will be required when submitting the application. If you log in to the system using another method, the submission of the application for admission must be completed as follows:

- via digital signature, using a smart card, USB token, or remote signature, which allow the holder to sign general documents using signature software on a PC or a web portal for remote signing provided by the Certification Authority. Those who have a smart card or a USB token for digital signatures can verify its compatibility with the digital signature system integrated into the server. If the verification is successful, the holder can sign the application directly on the server (e.g., ConFirma);
- Those who do not have compatible digital signature devices, as well as holders of Remote Digital Signatures who have access to a portal for signing general documents, must save the PDF file generated by the system to their PC and, without modifying it in any way, digitally sign it in CAdES format: a file with the .p7m extension will be generated, which must then be uploaded back to the system. Any changes made to the file before the digital signature is applied will prevent the automatic verification of the document's content against the original, resulting in the application's rejection;
- If neither of the two options listed above is available, the applicant must save the PDF file generated by the system to their computer and, without making any changes, print it and provide their full handwritten signature on the last page of the printout. This document, complete with the signature, must be scanned and uploaded to the system as a PDF.

For technical issues, contact support via the link at the bottom of the page <https://pica.cineca.it/iuss>.

Art. 5 – CONTENTS OF THE APPLICATION FOR ADMISSION

In the application form, candidates must:

- 1) select the procedure in which they intend to participate, as defined by the project title, the number of positions advertised, the Disciplinary Scientific Group and the Disciplinary Scientific Sector, the duration of the appointment, the place of employment, the relevant Class, and the Scientific Director;
- 2) declare, pursuant to Articles 46 and 47 of Presidential Decree No. 445 of December 28, 2000, that they assume responsibility for the accuracy of the information provided in the application and that they are aware of the criminal penalties provided for in Articles 75 and 76 of the same decree;
- 3) declare that they have read the privacy notice regarding the processing of personal data and authorize the Data Controller and the Data Processor to process their personal data in accordance with the terms specified in said notice.

Pursuant to Article 76 of Presidential Decree No. 445/2000, candidates must then declare, being aware of the criminal liability in the event of false statements:

- 1) their personal details, place and date of birth, citizenship, tax identification number, residence, and the address designated for the purposes of the competition (if different from their residence), specifying the ZIP code, telephone number, email address, and certified email address, if available;
- 2) possession of the academic degree referred to in Article 3 of this call for applications, specifying the name of the degree, the university from which it was awarded, the final grade, and the date of issuance. If the



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degree was obtained abroad, the candidate may participate in the selection process by providing the details of the declaration of equivalence between the degree and the one required by this call for applications, in accordance with applicable regulations, or by attaching the receipt confirming the submission of the application for recognition, or by declaring a commitment to submit an application for recognition of the foreign degree, as provided for in Article 3 of this call for applications;

- 3) to be in full possession of civil and political rights in their country of nationality or origin;
- 4) that they have not been dismissed for disciplinary reasons, removed from office, or relieved of duty from a public administration position due to persistent poor performance, or that they have not been declared disqualified from government employment pursuant to Article 127, first paragraph, letter d) of Presidential Decree No. 3 of January 10, 1957, No. 3, and not to have been dismissed for having obtained employment by submitting false documents or through fraudulent means;
- 5) that they are not related by blood or marriage up to and including the fourth degree to a professor belonging to the nominating department or to the Rector, the Director General, or a member of the Academic Senate;
- 6) not to be employed on a permanent basis at the institutions referred to in paragraph 1 of Article 22 of Law 240/2010 (universities, public research bodies, and institutions whose advanced scientific degree has been recognized as equivalent to a Ph.D. pursuant to Article 74, paragraph 4, of the Presidential Decree of July 11, 1980, No. 382) and not to have held fixed-term researcher contracts pursuant to Article 24 of Law No. 240 of 2010, as amended following the effective date of Decree-Law No. 36 of April 30, 2022, converted, with amendments, by Law No. 79 of June 29, 2022 (RTT);
- 7) that they have not previously held research contracts (Article 22 of Law 240/2010), postdoctoral research appointments (Article 22-bis of Law 240/2010), or research positions (Article 22-ter of Law 240/2010), even if awarded or entered into by different institutions, for a period that, when added to the expected duration of the position advertised, exceeds a total of 11 years, even if not consecutive. For the purposes of calculating the aforementioned total duration, periods spent on maternity or paternity leave or on medical leave in accordance with current regulations are not taken into account;
- 8) eligibility for continuous and unconditional service in the position to which the selection process pertains;
- 9) that you are aware that the interview may take place remotely via a videoconferencing platform and that you have access to the tools specified in Article 8 of the call for applications;
- 10) to be aware that any changes to personal information must be promptly reported to selezione.hr@iusspavia.it ;
- 11) to be aware that, if employed by a public administration other than those referred to in paragraph 1 of Article 22 of Law 240/2010, successful candidates must take a leave of absence or be placed in a non-active status, without pay, effective from the date of actual commencement of employment and for the entire duration of the contract;
- 12) whether or not they have previously held postdoctoral research appointments pursuant to Article 22-bis of Law 240/2010 and, if so, the number of months already served as of the date of application submission;
- 13) to have no criminal convictions and no pending criminal proceedings, or, if applicable, to list any convictions, specifying the details of the relevant judgments (date of the ruling and the judicial authority that issued them), and any pending criminal proceedings against them. The existence of a prior criminal conviction is not in itself a bar to employment, unless it is a conviction for an offense that prevents the



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establishment of an employment relationship with the public administration because it results in disqualification from public office, or the inability to enter into contracts with the public administration, or the termination of the employment relationship (Articles 28, 29, 32-ter, 32-quater, 32-quinquies of the Penal Code, and Articles 3, 4, and 5 of Law No. 97 of March 27, 2001). In other cases, it is the Administration's responsibility to independently assess the severity of the criminally relevant acts committed by the individuals concerned, for the purposes of access to public employment. This review is conducted to verify the existence of the element of trust that constitutes the fundamental basis of the relationship between employer and employee, as well as to assess whether the requirements of moral fitness and aptitude to perform the duties of a public employee are met;

- 14) any diagnosis of a learning disability (DSA) or recognition of a disability pursuant to Law No. 104 of February 5, 1992, specifying the accommodations requested to facilitate the public interview with the Commission.

Candidates must attach the following to their application:

- 1) a copy of a valid identification document;
- 2) a curriculum vitae attesting to their scientific and professional activities, dated and signed;
- 3) a list of publications (including the type of publication, all authors, full title, year of publication—or specify if accepted but pending publication—and any additional information useful for locating them online). The Commission will consider only publications or texts accepted for publication in accordance with current regulations, as well as essays included in anthologies and articles published in print or digital journals, excluding internal memos or departmental reports;
- 4) any additional attachments deemed useful for the evaluation (e.g., master's degrees, postgraduate specialization courses, scholarships and research grants, awards and recognitions for research activities, letters of recommendation, patents held, teaching activities, participation as a speaker at conferences and congresses, etc.).

Art. 6 – EXCLUSION FROM THE SELECTION PROCESS

The following will result in automatic exclusion from the selection process:

- Failure to comply with the deadlines and procedures for submitting the application;
- Failure to meet the requirements set forth in Art. 3 of this call for applications.

All candidates are admitted to the selection process subject to verification that they actually meet the requirements necessary to participate in the selection. The Administration may, at any time—including after the interview has taken place—order exclusion from the selection process.

Exclusion is ordered by a reasoned decree of the Rector and is communicated to the candidate at the email address provided in the application as the official means of communication regarding this selection process.

Art. 7 – SELECTION COMMITTEE

The Selection Committee is appointed by Rector's Decree and consists of three members chosen from among professors or researchers, excluding fixed-term researchers of type a) (junior), identified by the Chair of the Academic Division that proposed the contract and classified within the scientific-disciplinary sector(s) or, alternatively, within the scientific-disciplinary group(s) in which the procedure is being conducted, or by members holding an equivalent position, if they come from foreign universities or research institutions.



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In order to ensure equal opportunities for men and women in access to employment and treatment in the workplace, as provided for in Article 57 of Legislative Decree 165/2001, as a general rule, the members shall include representatives of each gender.

The Commission shall appoint a chairperson and a secretary to take minutes from among its members and shall conduct its business in the presence of all members, adopting its resolutions by an absolute majority of those members; it may make use of electronic tools for collegial work.

Art. 8 – SELECTION PROCEDURE

Candidates are evaluated through a comparative procedure based on qualifications and an interview, aimed at verifying that candidates possess a scientific and professional background suitable for carrying out the activities described in the call for applications.

The final score is the sum of the score obtained in the preliminary comparative evaluation and the score obtained in the interview. A maximum of 100 points may be awarded in total, of which a maximum of 60 points are for the preliminary comparative evaluation and a maximum of 40 points are for the interview evaluation.

The following are subject to preliminary comparative evaluation:

- a) the body of publications, as well as their originality, innovativeness, methodological rigor, relevance, and alignment with the subject matter of the call for applications. The Committee considers only publications or texts accepted for publication in accordance with current regulations, as well as essays included in anthologies and articles published in print or digital journals, excluding internal memos or departmental reports, up to a maximum of 25 points;
- b) scientific research activities carried out during the three-year period preceding the publication of the call for applications (e.g., research grants and research assignments/contracts, awards and recognitions for research activities, etc.), up to a maximum of 20 points;
- c) other previously carried out activities (e.g., holding patents, teaching activities, participation as a speaker at conferences and congresses, etc.) duly certified, up to a maximum of 15 points.

During its first meeting, the Committee establishes the evaluation criteria and the corresponding point values.

The Committee collectively issues a reasoned assessment and assigns the corresponding score for each individual evaluation criterion. Candidates who have obtained a score of at least 40/60 in the preliminary comparative evaluation are admitted to the oral interview.

The interview with the Committee takes place in public, including remotely, using audio and video teleconferencing via the Zoom or Microsoft Teams platforms (the location from which the tests are taken must be equipped with a webcam—essential for identification—a microphone, and headphones and/or speakers).

Failure to appear or to connect online at the scheduled date and time of the interview will be considered a withdrawal from the selection process.

Candidates will be notified by the publication of the list of eligible candidates on the competition webpage of the IUSS School's website, with at least 15 days' notice; at that time, candidates will be informed of the scores they obtained in the preliminary evaluation.

Candidates must arrive at the interview with a valid form of identification.

The interview is generally designed to assess the candidates' scientific maturity and preparation, with particular reference to the activities covered by the selection process.

Furthermore, during the interview, adequate knowledge of the foreign language indicated in Annex 1 is assessed, unless the interview is conducted in a language other than Italian, in which case knowledge of Italian will be assessed.

The interview is considered passed with a minimum score of 28/40.

For those who have passed both tests, the final score is calculated as the sum of the scores obtained in the evaluation of qualifications and in the interview.

Art. 9 – COMPILATION OF THE RANKING LIST

Once the interviews are completed, the Committee draws up a merit-based ranking, taking into account the total scores assigned to the candidates. In the event of a tie, preference is given to the younger candidate.

The merit ranking, together with the identification of the successful candidate, is approved by Rector's Decree, published on the official bulletin board and on the IUSS School's website, and remains valid for 6 months.

The deadline for filing any appeals begins on the date of publication of this notice, unless the decision has been otherwise communicated.

Placement on the merit ranking list does not constitute eligibility for subsequent selection procedures.

Art. 10 – DOCUMENTATION REQUIRED FOR PARTICIPATION IN PUBLIC SELECTION PROCESSES AND FOR HIRING PURPOSES

For the purpose of participating in public selection processes, documents and credentials in English, French, German, and Spanish may be submitted in their original language.

Documents and credentials written in other languages must be submitted in the original language, accompanied by a translation into Italian or English. The translation must be certified as a true copy of the foreign text by the competent diplomatic or consular mission or by an official translator.

With regard to the documentation required for recruitment purposes, any records or documents written in a foreign language must be accompanied by a translation into Italian, certified as conforming to the original foreign text, prepared by the competent diplomatic or consular mission or by a certified translator.

Art. 11 – EXECUTION OF THE CONTRACT

The successful candidate is invited to enter into an individual contract establishing a fixed-term employment relationship, which must be signed within the deadline set by the Administration.

The employment relationship is governed by the individual contract, the Regulations for the Award of Postdoctoral Research Appointments pursuant to Art. 22-bis of Law 240/2010, as amended by Law 79/2022, applicable laws, and EU regulations.

For the purposes of signing the contract, the successful candidate must declare that they are not in any of the following situations of incompatibility:



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- a) enrollment in bachelor's, master's, or doctoral degree programs, or medical specialization programs, in Italy or abroad, without prejudice to the possibility of participating in specific European Union research funding programs under the Marie Skłodowska-Curie Actions (MSCA);
- b) holding a Ph.D. fellowship or other scholarship, granted for any reason by national or foreign institutions, unless such fellowships are intended to facilitate international mobility for research purposes;
- c) holding other postdoctoral research appointments, including at other universities or public research institutions;
- d) holding research grants under Article 22 of Law 240/2010 in its previous version, including at other universities or public research institutions;
- e) holding research positions under Article 22-ter of Law 240/2010, including at other universities or public research institutions;
- f) any other employment relationship with public or private entities, except as provided for in the penultimate paragraph of this article.

The individual contract specifies the grounds for termination of the contract and the notice periods. In any case, the annulment of the recruitment procedure upon which the contract is based constitutes a condition subsequent to the contract, without any obligation to provide notice.

The probationary period is 30 days for each year of the contract, and evaluation of the probationary period is the responsibility of the Chair of the relevant academic department. Once this period has elapsed without the employment relationship having been terminated by either party, the employee is deemed to have been confirmed in service, and seniority is recognized for all purposes from the date of hire.

Employees of public administrations, other than those referred to in paragraph 1 of Article 22 of Law 240/2010, are placed on leave of absence for the entire duration of the contract, without pay or social security contributions, or in a non-active status in cases where such a status is provided for by the relevant regulations, likewise without pay or social security contributions.

In the event that the successful candidate withdraws or resigns, the Department that requested the selection may request the establishment of a postdoctoral position with a candidate who received a positive evaluation in the same selection process, in descending order of final score, provided that such score exceeds the threshold specified in the call for applications.

Art. 12 – CONTRACT EXTENSION

Appointments may be extended for a total maximum duration of three years—even if not consecutive—across all institutions that apply Art. 22-bis. Periods of maternity, paternity, or sick leave are not counted toward the maximum duration.

A reasoned request for extension is submitted by the relevant Departmental Council, after assessing the needs related to the project's objectives and type, as well as financial availability. The extension is then approved by the Academic Senate.

During periods of mandatory maternity leave, contracts are suspended, and the expiration date is extended for a period equal to the duration of the mandatory leave.

Art. 13 – RIGHTS AND DUTIES

Without prejudice to the rights and obligations provided for in the Civil Code regarding employment relationships, upon signing the contract, postdoctoral fellows assume the right and obligation to carry out the activities referred to in Article 2 and Annex 1, committing to achieve the established objectives and produce the expected results in accordance with the research timeline.

Postdoctoral fellows shall carry out the agreed-upon activities in accordance with the existing hierarchical structure within their respective academic department, and are required to coordinate their work with the provisions of the research project.

Postdoctoral fellows are also required to perform their duties personally, without relying on substitutes, under the supervision of the principal investigator.

Postdoctoral fellows are covered by the applicable laws regarding maternity protection, workplace accidents, and sick leave.

Postdoctoral fellows are subject to the health screenings required by Legislative Decree 81/2008, the cost of which is borne by the IUSS School.

Postdoctoral fellows are required to comply with the provisions of the Regulations on Industrial and Intellectual Property, the Regulations on Privacy and Data Processing, and the School's Code of Ethics and Conduct.

Postdoctoral research appointments do not confer the right to access permanent positions in public entities as referred to in paragraph 1 of Article 22 of Law 240/2010, nor may they be counted for the purposes set forth in Article 20 of Legislative Decree No. 75 of May 25, 2017.

Holders of postdoctoral research appointments may not apply for internal mobility.

Art. 14 – COMPENSATION

Holders of postdoctoral research appointments are entitled, for the duration of their employment, to an all-inclusive gross annual salary pursuant to Article 22-bis of Law 240/2010, equal to the amount specified in Annex 1.

The gross annual salary is subject to neither indexation nor revaluation.

Art. 15 – PROCESSING OF PERSONAL DATA

Pursuant to the regulations governing the protection of personal data (Legislative Decree No. 196/2003, as amended, and Article 13 of Regulation (EU) 2016/679), the IUSS Pavia Graduate School, acting as the Data Controller (with headquarters at Piazza della Vittoria, 15, 27100 Pavia PV – certified email address direzione@pec-iusspavia.it) hereby informs you that the processing of personal data collected by the administrative offices of the IUSS School is intended for the purposes of the selection process and for the assignment and management of the position; This processing will be carried out in compliance with the conditions of lawfulness set forth in Regulation (EU) 2016/679, by authorized personnel, using procedures—including computerized ones—in the manner and within the limits necessary to achieve the aforementioned purposes. The data will be processed in accordance with the principle of necessity of processing and will be retained in accordance with the regulations governing the retention of administrative records.

The provision of such data is necessary to assess eligibility requirements and the possession of qualifications;

failure to provide this information may preclude such an assessment, resulting in exclusion from the procedure. The data may be disclosed to public administrations directly concerned with the legal- r economic status of the successfully evaluated candidate and to all public entities to which, when the relevant conditions are met, disclosure is mandatory (certifying authorities when verifying substitute declarations made for the purposes of Presidential Decree 445/2000).

Data subjects have the right to obtain from the IUSS Pavia Graduate School, in the cases provided for, access to their personal data, as well as the rectification or erasure of such data, the restriction of processing concerning them, or to object to the processing (Articles 15 et seq. of the Regulation). The relevant request must be submitted to the Data Controller. Further information is available at the following link: <https://www.iusspavia.it/it/protezione-dati-personali>.

Art. 16 – PERSON RESPONSIBLE FOR THE PROCEDURE

The person responsible for the selection process for this job posting is the Head of the Human Resources, Procurement, Construction, and Assets Department, Dr. Francesca Barone.

For any information, please contact the Human Resources Unit (tel. 0382/375866 and/or 0382/375833 – email: selezione.hr@iusspavia.it).

Art. 17 – REFERENCE

For matters not expressly covered in this call for applications, the provisions of applicable laws and regulations shall apply.

Pavia, date of registration

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Prof. Mario Lloyd Virgilio Martina

(Document digitally signed in accordance with Legislative Decree 82/2005)

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Annex 1

Research Topic:	Integrated Agronomic and Environmental Modeling: Impacts of Climate Change and Adaptation Strategies in Cropping Systems
Application Deadline:	Applications open: September 15, 2026, at 12:00 p.m. Application deadline: September 30, 2026, at 12:00 p.m.
Date and format of the interview, which may also be conducted in a language other than Italian:	The interview is scheduled to take place by the end of October; an official announcement will be published on the application page of the IUSS School's website. The interview will be conducted remotely via a video conferencing platform. The interview will be conducted in English.
Duration of the postdoctoral research appointment:	1 year
Relationship between the temporary duration of the project(s) and the contract to be established:	The project is a contract with the company Iplus, which will cover the cost of the postdoc position for 1 year
Number of positions to be advertised:	1
Proposed contractual compensation:	€28,456.47 total gross (13 monthly payments) €2,371.37 gross per month
Requirements for applying:	Possession of a scientific and professional background suitable for performing the duties of the position, and a Ph.D. or equivalent degree, earned in Italy or abroad
Location(s) where the work will be performed:	IUSS Pavia, Palazzo del Broletto, Piazza della Vittoria, 15, Pavia, 27100
Specification of the scientific/disciplinary field(s) and the corresponding scientific-disciplinary group to which the project belongs:	Scientific-disciplinary group: 02/PHYS-06 PHYSICS FOR LIFE SCIENCES, ENVIRONMENT, AND CULTURAL HERITAGE, PHYSICS EDUCATION AND HISTORY OF PHYSICS Scientific Disciplinary Sector: PHYS-06/A Physics for Life Sciences, Environment, and Cultural Heritage
Research activities as well as any collaboration on third-mission and teaching activities, with the	The project takes a multidisciplinary approach to addressing the challenges posed by climate change to the agricultural sector. The initial phase of the research will focus on data



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corresponding number of hours, in compliance with the maximum of 100 hours per year allocated for collaboration on teaching activities (supplementary and student-service activities), the scientific productivity targets that will be assigned to the postdoctoral fellow (e.g., publications, conferences, patents, other types of outputs) and the qualitative characteristics of the scientific output:	collection and processing, integrating the study of agricultural production databases with the analysis of climate databases and Life Cycle Assessment (LCA) inventories, such as Ecoinvent and Agrifootprint. Building on this foundation, the applied study will use crop growth models (both statistical and process-based) to simulate future trends in agricultural productivity, supplemented by LCA models to estimate the potential environmental impact of growth processes under varying climatic conditions. This modeling effort will contribute to the development of operational methodologies and innovative tools for environmental assessment, including specific tools for calculating the carbon footprint of agri-food products. Concurrently, a technical-economic analysis will evaluate the impacts on the agricultural sector resulting from the estimated changes in productivity. The results obtained will enable the formulation of strategic guidelines focused on best practices for adaptation and on the environmental and economic sustainability of crop management. Educational activities: 20 hours. Objectives: 2 publications, 2 tools.
Any research project(s) (specifying whether funding comes from competitive national, European, or international projects) to which the contract is linked, including all information necessary to identify it unequivocally:	Contract with Iplus signed on July 6, 2026
Specification of the funds from which all direct and indirect costs of the contract will be covered:	Third-party contract with Iplus
Principal Investigator (tutor):	Professor Giorgia Fossier