

Protocol no. dated
HEAD OF THE ENTITY

SUBJECT: Public notice for expression of interest in being awarded research assignments pursuant to Article 22-ter of Italian Law 240/2010.

- Given** the resolution/the decree of Wednesday, September 16, 2026 of DIPARTIMENTO DI FISICA E ASTRONOMIA , requesting the allocation of 1 grant research positions entitled IONIZING RADIATION DETECTORS BASED ON PEROVSKITE THIN FILMS FOR MONITORING RADIOPHARMACEUTICALS, SSD - GSD PHYS-03/A - 02/PHYS-03; funded under "SafeRAD – Sistemi Avanzati di Monitoraggio per la Sicurezza Radioprotezionistica in campo Me-dico Nucleare (Safety And radiation monitoring For nuclear Enviroments and medicine RADio-pharmaceuticals) dell'esposizione a sorgenti radioattive e radiofarmaci in ambiente di lavoro" project, carried out by INAIL as part of BRiC 2025 call and financed with INAIL funds CUP: J33C25001540005, for the exclusive performance of research assistance activities, according to the attached activity plan;
- Considering** that the above-mentioned needs for research assistance represented by DIPARTIMENTO DI FISICA E ASTRONOMIA can be met by means of a public notice for expressions of interest, as the funding is from external resources, obtained at national, international or European level on the basis of competitive calls;
- Having regard to** the legislation referred to in Article 13 of this notice;

ORDERS

Article 1 - Purpose of the notice and activities to be carried out

The publication of a notice for expressions of interest through the evaluation of applications for the assignment of 1 grant research positions pursuant to Article 22-ter of Law 240/2010, entitled "IONIZING RADIATION DETECTORS BASED ON PEROVSKITE THIN FILMS FOR MONITORING RADIOPHARMACEUTICALS".

The activity will be carried out according to the attached activity plan and under the supervision of a tutor identified by the entity as Prof./Dr. BEATRICE FRABONI, with no subordination ties and predefined working hours.

The prevalent location of the activity will be: DIPARTIMENTO DI FISICA E ASTRONOMIA , V.LE BERTI PICHAT, 6/2, 40127, BOLOGNA.

Article 2 - Duration and amount of the research assignment

The research assignment has a duration of 12 months.

The gross amount of the research assignment is EUR 23.104,36 per year. The amount will be paid in equal monthly instalments in arrears.

Article 3 -Admission requirements

Expressions of interest may be submitted by young Italian or foreign scholars in possession of a curriculum suitable for assisting in research activity and a second cycle/two-year master's degree or a single cycle master's degree, obtained no more than six years ago, belonging to the following classes:

Physics

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Applicants with a degree obtained abroad not more than six years ago may also take part in the selection. In this case, documents must be attached to the application to enable the Scientific supervisor to rule on equivalence. The qualification must be official in the university system of reference, issued by an institution officially accredited in the country of origin, and must be recognised by the Scientific supervisor as equivalent, in terms of nature, level and disciplinary correspondence, to the Italian qualifications indicated above, for the sole purpose of conferring the assignment. In foreign university systems that provide for a single course of study that includes a second-level degree and a doctorate through the award of a single degree, the Scientific supervisor shall assess the correspondence of the degree, even if it is of a higher level.

Candidates already in possession of such a degree on the expiry date of the notice may enclose the decree of academic recognition of the degree (issued pursuant to Article 74 of Italian Presidential Decree no. 382/1980, formerly equivalence, or Article 38 of Legislative Decree 165/2001)

Expressions of interest may not be submitted by:

- staff permanently employed by universities, public research organisations and institutions whose postgraduate scientific diploma has been recognised as equivalent to a doctorate in accordance with Article 74(4) of Presidential Decree no.. 382 of 11 July 1980;

- persons who have held fixed-term researcher contracts pursuant to Article 24 of Italian Law 240 of 2010(RTT, RTDa and RTDb)
- persons who are related up to and including the fourth degree of kinship and affinity to a professor within the Department or to the Rector, the Director General or a member of the Board of Governors of the University.
- persons who have already held research assignments in accordance with Article 22-ter of Law 240/2010 at UNIBO or other Italian state or independent universities, or online universities, or at the bodies referred to in paragraph 1 of the same Article, for a period which, added to the expected duration of the assignment referred to in this notice, exceeds a total of three years, even if not continuous. For the purposes of calculating the above total duration, periods spent on maternity or paternity leave or leave for health reasons under the applicable legislation are not taken into account;
- persons who have already held research contracts (Article 22 of Law 240/2010), post-doctoral assignments (Article 22-bis of Law 240/2010) and research assignments (Article 22-ter of Law 240/2010), even if awarded or stipulated by different institutions, for a period which, added to the expected duration of the assignment referred to in this notice, exceeds a total of 11 years, even if not continuous. For the purposes of calculating the above total duration, periods spent on maternity or paternity leave or leave for health reasons under the applicable legislation are not taken into account.

Article 4 - Submission of expressions of interest

The expression of interest must be submitted exclusively online by accessing the website <https://concorsi.unibo.it> following the personal registration procedure as indicated in the same web procedure. The closing date for the submission of expressions of interest is Tuesday, October 6, 2026 at 23:59 - Europe/Brussels. Any applications after that date/time shall be excluded.

The date of receipt of expressions of interest is established and evidenced by the date indicated in the receipt sent online to the applicant.

In their application, applicants must declare, under their own responsibility:

1. name and surname;
2. place and date of birth;
3. nationality;
4. residence;
5. email address for communication purposes;
6. (if Italian citizens) that they are registered in the electoral rolls of their country of origin;
7. that they have never been convicted of any criminal offence and that they have no pending criminal proceedings; conversely, they must indicate the convictions (the date of the measure and the judicial authority that issued it) and any pending criminal proceedings. The existence of a previous criminal conviction is not in itself a cause for refusal of employment and it will be the responsibility of the Entity to ascertain the existence of the moral and aptitude requirements for carrying out the activity;
8. that they have the degree required in Article 3 of this notice with the relevant information;
9. that they are physically fit for performing the assignment;
10. that they are not permanently employed by the institutions referred to in Article 22(1) of Law 240/2010 (universities, public research organisations and institutions whose postgraduate scientific diploma has been recognised as equivalent to a doctorate in accordance with Article 74(4) of Presidential Decree 382 of 11 July 1980);
11. that they have not held fixed-term researcher contracts pursuant to Article 24 of Italian Law 240 of 2010 (RTT, RTDa and RTDb);
12. that they are not related up to and including the fourth degree of kinship and affinity to a professor within the Department that is proposing the contractual assignment or to the Rector, the Director General or a member of the Board of Governors of the University.
13. that they have not already held research assignments in accordance with Article 22-ter of Law 240/2010 at the University of Bologna or other Italian state or independent universities, or online universities, or at the bodies referred to in paragraph 1 of the same Article, for a period which, added to the expected duration of the assignment referred to in this notice, exceeds a total of three years, even if not continuous. For the purposes of calculating the above total duration, periods spent on maternity or paternity leave or leave for health reasons under the applicable legislation are not taken into account;
14. that they have not already held research contracts (Article 22 of Law 240/2010), post-doctoral assignments (Article 22-bis of Law 240/2010) and research assignments (Article 22-ter of Law 240/2010), even if awarded or stipulated by different institutions, for a period which, added to the expected duration of the assignment referred to in this notice, exceeds a total of 11 years, even if not continuous. For the purposes of calculating the above total duration, periods spent on maternity or paternity leave or leave for health reasons under the applicable legislation are not taken into account;

15. for foreign citizens only, that they have adequate knowledge of the Italian language and enjoy civil and political rights also in the States of their nationality or origin.

Any communications will be sent to candidates exclusively via email, to the address provided in their application expressing their interest. The Alma Mater Studiorum - Università di Bologna accepts no liability with regard to the email not being received. Candidates, however, are responsible for keeping themselves informed by checking the call for applications website for information on the selection.

Applicants must enclose with their application:

- their scientific-professional curriculum;
- • any additional documentation, deemed useful for the purposes of the assessment of qualifications, to supplement the curriculum (max. 5 attachments);
- a photocopy of a valid identity document.

Only what is actually attached to the expression of interest can be assessed.

Documents, publications and titles in English, French, German and Spanish can be produced in the original language. Documents and titles drawn up in other languages must be submitted in the original language with an Italian or English translation attached. The translation must be certified as conforming to the foreign text by the competent diplomatic or consular mission or by an official translator.

Article 5 - Compulsory requirements for applicants under penalty of exclusion

Applicants will be automatically excluded from the selection procedure in the following cases:

- Failure to comply with the deadlines and procedures for sending their expression of interest;
- Lack of the requirement set out in Article 3 of this notice.

All applicants are admitted subject to verification that they meet the relevant requirements for taking part; the Administration may decide to exclude an applicant at any time.

Article 6 – Scientific supervisor

The evaluation of the expressions of interest is carried out by the Scientific supervisor of the research project, who may draw on the advice of highly qualified Italian or foreign experts for the purposes of the above evaluation. Prior to the evaluation, the Scientific supervisor and any experts involved shall issue a declaration that there are no situations of incompatibility with regard to the applicants pursuant to Articles 51 and 52 of the Italian Code of Civil Procedure. In the event of an established incompatibility of the Scientific supervisor, the Head of the Entity shall identify, for the purposes of the evaluation, another professor or researcher who is affiliated with the scientific disciplinary sector or, alternatively, the scientific disciplinary group that is the subject of the research assignment or involved in the research group of the project funding the position.

Article 7 - Evaluation of expressions of interest

The criteria for the evaluation of expressions of interest are: 1) Previous experience in the micro/nanofabrication of semiconductor electronic devices

2) Specific expertise and experience in the characterization of semiconductor thin films for use as direct detectors of ionizing radiation"

The Scientific supervisor of the research project will draw up a report on the performed evaluation, expressing an overall assessment for each applicant and identifying the applicant with the professional scientific profile deemed suitable for the project, stating the reasons for his or her choice.

The Scientific supervisor shall conclude the evaluation within one month from the closing date of this notice for expressions of interest.

For information, applicants can call or send an email to difa.contratti@unibo.it (from 9 am CEST to 12 am CEST Europe/Brussels).

Article 8 – Direct award

The acts are approved by a decree of the Head of the Entity who, on the recommendation of the Scientific supervisor of the project, directly awards the research assignment.

The decision on the award of the assignment is announced on the University Website.

If the successful applicants obtained their degree in a country outside the European Union, they must submit to the Entity the document needed for the purposes of the declaration of authenticity and equivalence of the second level degree (e.g. Diploma Supplement, Declaration of Validity (Dichiarazione di Valore) issued by the Italian Diplomatic Authorities in the country in which the qualification was obtained, certificate of authenticity and comparability issued by centres such as ENIC-NARIC) within 90 days of the issue of the decree approving the selection process documents. For information on the specific documentation to be submitted, applicants should consult the following

page on the University Website: <https://www.unibo.it/it/studiare/iscrizioni-tasse-e-altre-procedure/lauree-e-lauree-magistrali/traduzione-autenticita-e-valore-dei-titoli-di-studio-esteri>. The right to enter into the contract will be withdrawn in the event that the documents are not received by the Entity by the aforesaid deadline.

Article 9 - Entering into the Contract

The successful applicant will be invited to enter into a contract for the research assignment with the Entity, which must be signed by the deadline set by the Entity.

Non-acceptance by the deadline which will be notified by the Entity shall result in forfeiture of the right to enter into the contract.

The employment relationship is governed by the individual contract, by the Regulations governing research assignments pursuant to Article 22-ter of Law 240/2010, by legal provisions and by EU regulations.

The individual contract shall specify the grounds for termination of the contract and the periods of notice. The cancellation of the recruitment procedure, on which the contract is based, is in any case a condition of termination of the contract, without any obligation to give notice.

The research assignment, with an initial duration of less than 36 months, may be extended or renewed for justified needs related to the research activity in which the research assignment holder is engaged, upon proposal of the tutor, by a resolution of the Entity that activated the assignment, having ascertained the availability of sufficient funds and compliance with the University expenditure limit.

Extensions and renewals contribute to a maximum of three years for research assignments awarded to the same person, even by different institutions. For the purposes of calculating the above maximum contractual duration, periods spent on maternity or paternity leave or leave for health reasons under the applicable legislation are not taken into account.

Article 10 – Rights and obligations

By entering into the contract, the contracting party assumes the right and obligation to perform the activity set out in the attached activity plan, under the supervision of the tutor, with no subordination ties and predefined working hours and without using substitutes.

Holders of research assignments in scientific disciplines within the medical field may only carry out care activities in connection with the requirements of activities introducing the research and innovation, in the manner and within the limits provided for by special agreements between the University and the healthcare facilities.

The provisions set forth in Article 4 of Law no. 476 of 13 August 1984 shall apply to research assignments on tax matters; the provisions set forth in Article 2(26 et seq.) of Law no. 335 of 8 August 1995 shall apply in matters of social security; the provisions of the Decree of the Minister of Labour and Social Security of 12 July 2007, published in Official Gazette no. 247 of 23 October 2007, shall apply in matters of compulsory maternity leave and Article 1(788) of Law no. 296 of 27 December 2006 shall apply in matters of sick leave.

The holder of a research assignment undertakes to comply with the provisions of the Regulations governing research assignments, the Regulations governing industrial and intellectual property rights, the Regulations containing the code of conduct for preventing and combating discrimination and moral and sexual harassment and the rules on trusted advisor(s), and in the University's Code of Ethics and Conduct.

The research assignment holder also undertakes to comply with occupational health and safety training obligations and personal data protection obligations.

At the end of the assignment, the assignment holder must submit to the Board of the Entity a detailed report on the activity carried out, the results achieved and the scientific production, accompanied by the opinion of the tutor.

Article 11 - Incompatibility and further assignments

The research assignment is not compatible with concomitant:

- a. attendance at degree, master's degree or PhD programmes or specialisation programmes in the medical field, in Italy or abroad, without prejudice to the possibility of implementing specific European Union research funding programmes under the Marie Skłodowska-Curie (MSCA) programme;
- b. holding PhD programme scholarships or other scholarships, for whatever reason, awarded by national or foreign institutions, unless these are aimed at international mobility for research purposes;
- c. holding other research assignments also at other universities or public research bodies;
- d. holding research fellowships pursuant to Article 22 of Law no. 240/2010 in the previous text, also at other universities or public research bodies;
- e. holding any employment relationship with public and private entities.

The performance of self-employment activities is compatible with the research assignment only if authorised in advance by the Board of the Entity on the basis of a reasoned opinion from the Scientific supervisor and verification

that the additional activity to the research assignment does not lead to any conflict of interest or jeopardise the regular performance of the activity.

Holders of the research assignment may participate in competitive selection processes for the award of teaching, tutoring, or language training positions, pursuant to Article 23 of Law 240/2010, up to a cumulative maximum of 120 hours per academic year, of which no more than 80 hours may be for teaching activities, and subject to obtaining the relevant authorization issued by the Head of the Entity after consultation with the tutor.

The research assignment does not give rise to the right of permanent employment with public bodies referred to in paragraph 1 of Article 22 of Law 240/2010, nor can it be counted for the purposes of Article 20 of Legislative Decree no. 75 of 25 May 2017.

Article 12 – Processing of personal data and Procedure Supervisor

The personal data transmitted by each applicant for the purposes of participation in this selection, as well as for the drafting of the contract, are collected by DIPARTIMENTO DI FISICA E ASTRONOMIA as well as by the Selection and Contracts Unit of the Personnel Division, and processed in compliance with the principles and provisions on the protection of personal data and confidentiality established by Legislative Decree no. 196 of 30 June 2003 and EU Regulation no. 679/2016 (GDPR), for the purposes indicated in this notice and for the strictly necessary period.

Submission of an application for taking part in the selection by each candidate implies consent to the processing of their personal data so that:

- their names and their results in the selection process may be published in the dedicated section on the University's institutional website;
- the documents submitted by applicants are subject to access by other applicants, who may use them solely to protect their own personal interests.

By participating in this selection, applicants declare that they have read the dedicated information notice available at <https://www.unibo.it/it/ateneo/privacy-e-note-legali/privacy/informative-per-soggetti-terzi-che-abbiano-contatti-anche-occasional-con-ateneo>.

The person in charge of the procedure Dott.ssa Laura Tombelli.

For information of an administrative nature regarding this notice, one should contact Leonardo Fortunato - Marianna Mancino, difa.contratti@unibo.it, 051.20.95305/88468.

Article 13 – Regulatory framework

The legislation under which this notice is issued is as follows:

- Law no. 240/2010 and, in particular, Article 22-ter;
- Presidential Decree no. 445 of 28 December 2000;
- Law no. 241 of 7 August 1990;
- Ministerial Decree 592 of 6 August 2025;
- Regulations governing research assignments pursuant to Article 22-ter of Law 240/2010, issued by Rector's Decree no. 162/2025 prot. no. 352688 of 14/10/2025.

Date,

HEAD OF DEPARTMENT
Prof. ANDREA CIMATTI

Document signed with digital signature pursuant to Legislative Decree 7 March 2005, n. 82 and of the D.P.C.M. 22 February 2013 and subsequent amendments