

**CALL FOR ADMISSION TO THE PHD COURSE
OF NATIONAL INTEREST IN TECHNOLOGIES FOR FUNDAMENTAL RESEARCH IN PHYSICS AND
ASTROPHYSICS**

XL CYCLE

Deadline JULY 25, 2024 1:00 p.m. (CEST)

Art. 1 – SUBJECT OF THE CALL

1.1 The Selection process has been announced at the University of Padua for admission to the PhD Program of National Interest in TECHNOLOGIES FOR FUNDAMENTAL RESEARCH IN PHYSICS AND ASTROPHYSICS for the academic year 2024/2025 - Cycle XL (hereafter 'selection process').

The research subjects, methods and criteria for candidate selection to be used for ranking purposes are indicated on the specific information sheet of the Course (Annex 1).

The information sheet also indicates the number of scholarship places that will be awarded according to the order of the Course rankings.

1.2 The following institutions/universities participate in the PhD program:

- University of Padua
- National Institute of Nuclear Physics
- National Institute of Astrophysics
- University of Bari Aldo Moro
- University of Cagliari
- University of Naples Federico II
- Polytechnic University of Turin
- Gran Sasso Science Institute

1.3 Priority research grants on the topics indicated in the Call Sheet compulsorily provide for the performance of the research activity on the basis of a specific Project, binding the grantees to the performance of the same.

1.4 Enrolled doctoral students, since they are involved in a single, joint and shared didactic-scientific project, can carry out their research and training activities in the different locations of the universities/bodies involved in the national PhD program. Such doctoral students are guaranteed effective sharing of the facilities necessary for the conduct of teaching and research activities aimed at the realization of the doctoral project.

1.5 The National Recovery and Resilience Plan (PNRR) under Mission 4 Component 1 and 2 has allocated resources to fund doctoral fellowships for pathways dedicated to:

- PNRR themes;
- public administration;
- innovative pathways that meet the innovation needs of enterprises.

The Italian Ministry for University and Research (MUR) has implemented these PhD support measures with the initiatives contained in Ministerial Decrees n. 629 and n. 630 of April 24, 2024, by which the resources allocated by the PNRR for the funding of PhD scholarships under the 40th cycle are distributed and allocated to the universities.

1.6 These projects, pursuant to the aforementioned MD n. 629/2024 and n. 630/2024, are:

- a. consistent with the goals and objectives of Regulation (EU) 2021/241, the overall strategy and the Component Detail Sheet of the PNRR;
- b. oriented toward the achievement of results measured by reference to milestones and targets that may have been assigned to the Investment within the terms established by the Plan;
- c. compliant with the "do no significant harm" (DNSH) principle under Article 17 of Regulation (EU) 2020/852 in accordance with the technical guidelines prepared by the European Commission (European Commission Communication 2021/C58/01);
- d. suitable for addressing and bridging gender inequalities;
- e. to support the participation of women and young people, also consistent with the provisions of Decree-Law n. 77 of May 31, 2021 (so-called Simplification Decree), as amended by Conversion Law n. 108 of July 29, 2021, regarding the management of the National Recovery and Resilience Plan (PNRR).

The measures targeted by the initiative must also comply with the provisions of Articles 8 and 9 of Ministerial Decree 630/2024.

These pathways envisage study and research periods in companies/institutions from a minimum of six (6) months to a maximum of eighteen (18) months and study and research periods abroad from a minimum of six (6) months to a maximum of twelve (12) months as follows:

			Periods abroad	Periods in companies/institutions
MD 629	M4C1 I. 4.1	Generic PNRR themes	Mandatory	Optional
		Public Administration	Mandatory	Mandatory in companies, research centres or public administrations
MD 630	M4C2 I. 3.3	Grants co-financed by companies	Mandatory	Mandatory in the company

Periods of study and research abroad and at companies/institutions are different and must be carried out at separate entities.

The MUR will verify the eligibility of the projects for PNRR support and the National Agency for the Evaluation of the University System and Research (ANVUR) will verify their consistency with the requirements of MD 629/24 and MD 630/24. Once these checks have been completed, the MUR will communicate the final allocation of the funding due to each University.

Admission to the PhD course referred to in this Call is therefore subject to a positive consistency and eligibility check and the allocation of ministerial funding.

The use of the masculine gender has no discriminatory nature but it is understood as a gender-neutral language and responds only to the needs of more immediate communication.

Art. 2 – ADMISSION REQUIREMENTS

2.1 Anyone in possession of the following academic qualifications, regardless of nationality, may apply to take part in the selection process:

- diploma di laurea (old classification);
- laurea specialistica/magistrale (new classification);
- Second-level academic qualifications awarded by AFAM (Higher Education in Art and Music) institutions.

2.2 Admission to the selection process for candidates who have not yet been awarded their academic qualification

Anyone who do not yet possess the required academic qualification, but who will obtain it by and no later than September 30th 2024, can also apply to take part in the admission examinations, failing which they will be disqualified for admission to the course.

These candidates will be conditionally admitted to the course and must send a self-certification (or certification in the case of qualifications obtained in a country outside the European Union) of their qualification together with an identity document no later than **November 7th, 2024** by e-mail to phd.application@unipd.it

The self-certification (or the certificate itself if the qualification was awarded in a non-EU Country) must indicate the name of the university that issued the qualification, the date it was awarded, the kind of degree (second-cycle Italian - degree, Master's Degree or equivalent qualification), and the grade achieved, together with a copy of a valid identity document.

2.3 Admission to the selection process for candidates with an academic qualification awarded abroad

Applicants with an academic qualification awarded abroad can be admitted to the PhD course only if the abovementioned qualification is equivalent to a second-cycle Italian degree ("Laurea magistrale a ciclo unico"/"Laurea specialistica"/"Laurea magistrale") awarded at an officially recognized foreign academic institution, which grants admission to a PhD course in the education system/Country in which it was awarded (except for significant differences), and comparable to the Italian degree required for the admission to a PhD course (i.e. Master's Degree or another equivalent second-cycle degree).

The suitability of the foreign qualification is ascertained by the Selection Board responsible for admission to the PhD course, in compliance with the relevant legislation in force in Italy and in the country where the qualification was awarded and in accordance with international treaties or agreements on the recognition of qualifications for the pursuit of studies.

Admission to the selection process will be conditionally granted to those candidates in possession of an academic qualification awarded abroad that has not yet been officially recognised as equivalent to a second-cycle Italian qualification by the competent academic bodies of Italian universities.

To this end, when completing the online application process, the candidate must request that their qualifications be verified and attach the following documents:

A. For candidates with a degree already obtained:

- certificate or self-certification (in the cases provided for by Italian law) of both first (Bachelor's) and second-cycle degree (Master's), with grade;
- certificate or self-certification (in the cases provided for by Italian law) of the list of exams/transcript of records of both first (Bachelor's) and second-cycle degree (Master's), with grade;
- any other documentation deemed useful for the assessment of the suitability of the qualification held (e.g. Diploma Supplement, Declaration of Value, Statements of Comparability and Verification issued by the Italian ENIC-NARIC - CIMEA).

B. For candidates yet to be awarded the required academic qualification:

- certificate or self-certification (in the cases provided for by Italian law) of first (Bachelor's) cycle degree, with grade;
- certificate or self-certification (in the cases provided for by Italian law) of the list of exams/transcript of records of both first (Bachelor's) and second-cycle degree (Master's), with grade;
- certificate or self-certification (in the cases provided for by Italian law) attesting the enrolment in a second cycle degree (Master's);
- any other documentation deemed useful for the assessment of the suitability of the qualification held (e.g. Diploma Supplement, Declaration of Value, Statements of Comparability and Verification issued by the Italian ENIC-NARIC - CIMEA).

The above-mentioned documents must be drawn up in Italian or English, under penalty of exclusion from the selection. In cases where self-certification is not permitted (e.g. non-EU candidate with a qualification obtained abroad), if the official documentation issued by the university where the degree was obtained is not already in one of the languages listed above, the candidate must attach also a certified translation in Italian or English.

The Selection Committee evaluates the suitability of the foreign degree according to the documentation attached to the application, and can therefore exclude the candidate if such documentation does not provide sufficient information for the assessment.

In the event that the candidate has acquired two (or more) Level II qualifications, she/he must indicate, when completing the application, which qualification she/he intends to use to access to the PhD course.

Art. 3 - APPLICATION FORM

3.1 The application form to participate in the selection process may only be submitted using the dedicated online procedure, available at: <https://pica.cineca.it/unipd/dottorato-fis2024/>. Application forms must be submitted no later than 1 pm (CEST) on the announcement deadline date (July 25th, 2024).

Priority research grants are linked to specific curricula as indicated in the Course Schedule.

Applicants may apply for a maximum of 3 tied themes, indicating this obligatorily in the application and selecting the relevant themes. This option will be a binding and irrevocable priority choice

3.2 All required documents to be submitted listed in the information sheet for the PhD course must be attached to the application form, together with a copy of a valid identity document, with photo, preferably a passport. The documentation must be attached in pdf format.

For all legal purposes, the application is to be considered as a self-certification of the data included therein and of the attached documents, in accordance with articles 46 and 47 of Italian Presidential Decree n. 445/2000 and subsequent amendments.

A non-refundable payment of € 30.00 must be made for each application. This amount must be paid by the final deadline for submitting the application via "PagoPA".

After payment, it is still possible to modify one's application.

Once the application form has been completed, it must be printed, signed and re-uploaded following the instructions described in the online procedure, and a copy of a valid identity document must be attached. The absence of a signature, of the payment of the participation fee by the deadline and/or missing an identity document are grounds for exclusion from the selection process.

The online procedure for submitting the application form can be also accessed through SPID (Public Digital

Identity System), by choosing the University of Padova from the list of providers available: in case of access via SPID, no signature will be required when submitting the application.

3.3 After closing the application, the candidate can request a maximum of **2 reference letters** by completing the appropriate section on the application form.

The candidate may request reference letters by August 5th 2024 at 1 pm (CEST). A notification for completion of the letter will be sent to the referee only after the application has been fully submitted. The referee will be automatically notified by the system and will have to personally complete the reference letter section in the online procedure and submit it by the deadline of August 5th 2024 at 1 pm (CEST).

Reference letters attached by the candidate will not be taken into consideration.

3.4 The application is automatically sent to the University when the online procedure has finally been completed. Therefore, no paperwork needs to be delivered or sent to the University's offices.

3.5 Candidates are invited to complete applications for the selection process well in advance of the closing date specified in this competition Call.

Candidates are responsible for verifying that the procedure is completed correctly. No complaints will be accepted for any malfunctioning of the IT system due to overload experienced by candidates near the closing date.

3.6 Candidates with disabilities or specific learning disabilities (SLD) may take the admission tests with customised support by making an explicit request to the Student Services Office – Inclusion Section. To this end it is necessary to:

- 1) request the individualized test through the dedicated online application;
- 2) send an email to inclusione.studenti@unipd.it specifying the supports, aids or compensatory measures needed (additional time assigned cannot exceed 30% for candidates with SLD and 50% for candidates with disability);
- 3) send the relevant documentation to the Student Services Office – Inclusion section (inclusione.studenti@unipd.it), together with a copy of a valid identity document by 1 pm of July 25th 2024.

Useful documentation for customised support includes:

- certification pursuant to Law 104/1992;
- civil disability certification;
- SLD diagnosis certification (issued for no more than 3 years, or renewed as an adult, by facilities of the National Health Service or by specialists and accredited facilities).

Candidates with disabilities or specific learning disabilities (SLD) residing in foreign Countries must submit the certification about disability or SLD issued in the Country of residence, together with a sworn translation in Italian or English.

On the basis of the documentation submitted, and following a possible interview with dedicated personnel (modalities to be agreed upon), the support for the test will be assessed.

It is therefore recommended to contact the Student Services Office – Inclusion section well in advance of the date of the test, by sending an email to inclusione.studenti@unipd.it.

Further information can be found at the following link: <http://www.unipd.it/accoglienza-prove-ingresso>.

3.7 All scholarships presented in this Call are subject-based, i.e. they compulsorily envisage the performance of the activity on a specific research topic at a specific location, as listed in the Appendix. They may only be awarded to candidates judged suitable by the Commission for carrying out the specific topic.

Art. 4 – ADMISSION PROCEDURES AND ENTRY EXAMINATIONS

4.1 Information on selection procedures and the dates for examinations are provided in the information specific sheet of the Course.

For all intents and purposes, the examination dates indicated in the Course information sheet represent official notification. Candidates will therefore not receive any further call or notification regarding the entry examinations.

To take the examinations, candidates must attend in the modality, on the day and at the time indicated in the aforementioned information sheet, providing a valid identity document (e.g. a national identity card, passport or driving licence).

4.2 The Committee will carry out a pre-selection on the basis of the academic qualifications presented by the candidate. Candidates who pass the pre-selection phase, obtaining a minimum score of 7/10, will be admitted to the oral examination.

Oral examinations will be considered passed if the candidate obtains a mark equivalent to at least 7/10.

If specified in the individual Course fact sheet, the Commission will carry out a pre-selection on the basis of the qualifications submitted by the candidate. Candidates who have passed the pre-selection and obtained a minimum score of 7/10 will be admitted to the oral test.

The entry examination will be taken in the language(s) indicated in the Language(s) section of the specific information sheet of the Course, under the item "Admission exam".

4.3 Candidates will take the oral examination remotely; in this case the oral examination will via Zoom or, if not available in their country, another platform will be agreed with the Commission. Candidates must guarantee that they will use a webcam in order to be correctly identified by the Selection Committee and that they will connect according to the arrangements for the oral test.

For identification purposes, and under penalty of exclusion from the selection process, candidates are required to identify themselves showing the same identity document already sent as an attachment to the application before the start of their oral exam.

Failure to connect or be reachable on the day and at the time agreed, or failure to show a valid identity document pursuant to the previous paragraph, may result in exclusion from the selection process.

The University of Padova shall accept no responsibility for any technical issues that may prevent the oral examination from being correctly carried out.

4.4 Oral examinations are public.

4.5 For candidates who have also submitted an application for priority research grants, the Committee will also verify their suitability for the specific subject.

4.6 the Committee shall assign each candidate with a single curriculum in relation to the candidate's scientific profile, based on the examinations taken and the documentation provided.

Art. 5 – SELECTION COMMITTEES

The Selection Committees are appointed by the Rector in accordance with the [University Regulations governing PhD Programmes](#).

Art. 6 – RANKINGS AND ADMISSION TO COURSES

6.1 The results of the assessment of qualifications and the results of the oral examination will be published at <https://www.unipd.it/dottorato/tecnologie-ricerca-fondamentale-fisica-astrofisica> in the section dedicated to the Call.

Publication on the site serves as notification. No communication will be sent to candidates by e-mail.

Following publication of the results, a decree approving the acts containing the final ranking list and the names of the winning candidates will be drawn up and will be available at <https://www.unipd.it/dottorato/tecnologie-ricerca-fondamentale-fisica-astrofisica> in the section dedicated to the Call. The scholarships will be awarded on the basis of the sub-rankings formulated in relation to each of the specific subject positions advertised.

6.2 The Rector approves the selection proceedings and declares the ranking official for the admission of candidates. The rankings will be made public from **September 9th 2024** through:

- Publication on the University's official register;
- Publication on the University of Padova website: <https://www.unipd.it/dottorato/tecnologie-ricerca-fondamentale-fisica-astrofisica>

Publication of enrolment deadlines are to be considered as official notification for all intents and purposes.

No personal communication will be sent to the candidates. Candidates granted admission to the Courses are responsible for checking enrolment dates and procedures.

6.3 Allocation of places for the priority research grants

The general admission ranking list will indicate the candidates' eligibility, if any, for the priority research grants for which they have applied and the curriculum assigned.

The scholarships will be awarded on the basis of the merit list.

Should more than one winner be eligible for the same theme scholarship, the Commission will award the scholarship on the basis of the merit ranking.

In the event that more than one priority research grant is offered and a winner is eligible for more than one of these scholarships, it will be up to the Commission to decide on the award of each scholarship.

Winners' applications must be submitted by 13/09/2024. At the same time as the publication of the rankings, the registration procedures will be announced.

The publication of the dates by which registration must take place has the value of notification for all purposes. No personal communications will be sent. Candidates admitted to the Courses are responsible for checking the dates and enrolment procedures.

Art. 7 – PHD COURSE AND MEDICAL SPECIALISATION SCHOOLS

7.1 If successful in the selection process for a PhD, students enrolled at medical Specialisation Schools will be allowed to enrol in a PhD Course in compliance with the following conditions:

a) compatibility, also in consideration of the distance between the locations, of the activities and commitment envisaged by the Specialization School and the PhD Course, certified by the Board of the Specialisation School and by the Academic Board of the PhD Course;

b) incompatibility between the PhD grant and the emoluments, however denominated, received in relation to the activities of the specialization school.

7.2 In cases of joint attendance, the request for a reduction in doctoral activities is approved by the Academic Board of the PhD Course, after a positive assessment of the consistency of the research activities already carried out in the medical Specialization course with the doctoral project. In order to accept the application referred to in this paragraph, the opinion of compatibility, expressed by the Board of the Specialization School, of the doctoral project with the didactic purposes of the Specialization School is also required. If the application referred to in this paragraph is accepted, the PhD Course will have in any case a duration of no less than two years.

7.3 Joint doctoral and medical specialisation school attendance is not compatible with doctoral scholarships funded by PNRR.

Art. 8 – ENROLMENT

8.1 Successful candidates must enrol **by September 13th 2024** in accordance with the procedures that will be published following the publication of the rankings.

Failure to enrol by the deadlines set will be considered as renunciation of the place, which will subsequently be assigned to the next candidate according to the ranking.

8.2 The enrolment form must contain all the attachments indicated in the instructions, including a copy of a valid identity document and a passport-size photograph; after concluding the enrolment procedure, the regional fee (art. 11) must be paid as indicated.

The simultaneous enrolment of students in two courses of study is allowed in accordance with the provisions of Law n. 33 of April 12th 2022 and the related implementing decrees.

When completing the enrolment form, the successful candidate declares, inter alia:

- to have acquired the ORCID ID (Open Researcher and Contributor ID), indicating it;
- to undertake to ask to the competent body of their Course for authorisation to carry out external work activities;
- that he/she has not previously been awarded another scholarship for a PhD programme;
- that he/she has not renounced grants under the PNRR in the XXXVIII cycle and the XXXIX cycle;
- to not combine the scholarship with any other scholarship for any reason whatsoever, except with those granted by national or foreign institutions useful for supplementing the doctoral student's research activity with stays abroad;
- to be aware that the scholarship is only granted to those who do not have a gross annual income exceeding the amount of one year's scholarship in the tax years in which the scholarship is to be used, and to undertake to promptly notify the Commission if this income limit is exceeded;
- to undertake to repay the monthly grant payments received in the academic year in which the income limit was exceeded;
- to be aware that the awarding of the priority research grant is subject to the conduct of the research and compliance with the terms of the agreement;
- to undertake to register with the INPS as a parasubordinate and to indicate any registration with other social security funds.

8.3 Candidates with a foreign qualification must also attach to their application:

- in case of academic qualifications awarded in non-EU Countries: a copy, in Italian or English, of the second-cycle degree as well as a copy of the certificate indicating the examinations taken and the relative grades, and Declaration of Value issued by Italian diplomatic or consular authorities or, alternatively, Statements of Comparability and Verification issued by the Italian ENIC-NARIC - CIMEA;
- in case of academic qualifications awarded in European Union Countries: Diploma and Diploma Supplement in English for the second-cycle qualification or, alternatively, Statements of Comparability and Verification issued by the Italian ENIC-NARIC – CIMEA;
- a valid stay permit if already issued, or a copy of the request made to the competent authorities within 8 working days from the arrival in Italy (only for non-EU citizens).

Should there be any doubts regarding the nature or validity of academic qualifications awarded in EU countries, the University reserves the right to request the certificate or a Declaration of Value. For further information on the Declaration of Value, visit the web page <http://www.studiare-in-italia.it/studying/info-07.html>

Candidates in possession of a foreign academic qualification who have not provided the required documentation requested at the time of enrolment will be conditionally enrolled and will be excluded from the PhD course, with the obligation of refunding grant instalments unduly received, if:

- They do not submit such documentation within 6 months of the start of the course;
- Following verification, the academic qualification does not meet the requirements of the present competition Call and does not permit enrolment on the PhD course.

Art. 9 – VACANT PLACES

Following explicit or tacit withdrawal by successful candidates before the start of the course, any vacant places will be assigned to the next candidates in the ranking for that specific subject.

Art. 10 – GRANTS

10.1 Grants are only awarded to those who have a yearly income (gross sum) that is below the equivalent of a year's grant amount for the tax years when the grant will mainly be used. Should the grant holder's income exceed this limit, they will lose their right to the grant for the academic year in which the limit was exceeded. In this case, the PhD student concerned will be obliged to pay back any monthly grant instalments already received. Please refer to paragraph 6 of this article for grants funded under Ministerial Decree 629/2024 and 630/2024.

Should applications have equal merit, the assessment of the applicant's economic situation is the deciding factor in awarding a grant. This is calculated pursuant to ISEE (Equivalent Economic Situation Indicator) values.

10.2 In accordance with Italian Ministerial Decree 247 dated 23 February 2022, published on the Official Gazette n. 80 of 5/4/2022, the annual amount of the grant is € 16.243, gross sum, less national insurance and pension contributions payable by the recipient to INPS (Italian National Institute for Social Security), pursuant to art. 2, paragraph 26 et. seq. of (Italian) Law n. 335 dated August 8th 1995, and subsequent amendments and integrations.

10.3 PhD grants cannot be used together with other grants, awarded for whatever reason, except for those assigned by national or international institutions for the purpose of integrating the research activities of the PhD student with time spent abroad.

10.4 The amount of the grant is increased by 50% for any period of stay abroad, starting on the 15th day of the stay in the foreign country.

10.5 The grant takes effect when the holder effectively begins to attend the course. The grant is paid in deferred monthly instalments.

Anyone who has already benefited from a PhD grant, cannot do so for a second time.

10.6 With regard to the doctoral scholarships financed under the PNRR calls for proposals by MD 629/2024 and MD 630/2024, all places must be filled with a scholarship (not renounceable), as provided for by Ministerial Decree 301/2022 at par. 3.3 letter e).

Art. 11 – ENROLMENT AND TUITION FEES

11.1 PhD students are exempt from university tuition fees and must only pay an amount corresponding to the regional fee for the right to education and stamp duty.

11.2 PhD students may request exemption from payment of the regional contribution, quantified as per the ISEE presented. For PhD students with a grant, the quota for the aforementioned contribution, quantified as per the ISEE, will be withheld from the grant payment.

11.3 The amounts referred to in point 1 can be consulted in the Fees and contributions table for those enrolled in PhD courses for the 2024/2025 academic year. This table will be published on the University of Padua website at: <http://www.unipd.it/ricerca/dottorati-ricerca/tasse-borse-studio-opportunita-dottorati>.

Art. 12 – COURSE START DATES AND OBLIGATIONS OF PHD STUDENTS

12.1 Courses will begin on **November 1st 2024**. Admission to the PhD Course is a full time, exclusive commitment.

12.2 For doctoral students from outside Europe who require a visa to enter Italy, the possibility of starting research activities remotely is provided, subject to the positive opinion of the Coordinator of the doctoral course. This possibility is granted upon proof of submission of the visa application at the relevant Embassy or Consulate, to be made as soon as the application procedure is completed.

Arrival in Italy must take place by January 31, 2025.

12.3 Non-European Union citizens must be in compliance with the regulations on entry visas and residence permits.

12.4 PhD students are obliged to carry out the activities relating to their approved research plan and to present a report on the activities and research carried out to the competent body of the Course at the end of each year, as well as the PhD thesis, complete with original contributions, at the end of the course. Theses must be submitted in accordance with the procedures established in the University for PhD courses.

After evaluating the activities carried out by the PhD student, the competent body of the Course will deliberate whether to admit the PhD student to the next year of the course. With a substantiated decision, the Doctoral Board may also propose to the Rector that the student be excluded from continuing the Course.

12.5 As required by MD 629/2024 and MD 630/2024, the successful doctoral candidate of the fellowship associated to the relevant project shall undertake upon enrolment to:

- produce, at a frequency to be indicated by the Ministry, a report indicating the time commitment (divided in months in the company, at headquarters and abroad) and a summary of the main activities carried out; reporting will be carried out through the special online platform and using the forms provided therein;
- carry out the compulsory study and research periods abroad (minimum 6 and maximum 12 months) and in the company, if any, (minimum 6 and maximum 18 months);
- ensure compliance with the communication and information obligations set out in Article 34 of Regulation (EU) 2021/241, by indicating in all documentation that the Programme is funded under the PNRR, with explicit reference to the funding by the European Union and the NextGenerationEU initiative, and by displaying the European Union emblem in the documentation;
- comply with the principle of not causing significant damage to environmental objectives, pursuant to Article 17 of Regulation (EU) 2020/852;
- receive the doctoral grant, avoiding causes of incompatibility with the receipt of the grant itself (e.g. exceeding of income as stipulated in Article 11.2);
- not renounce to the doctoral scholarship, depending on the type of scholarship awarded, as defined in Art. 10.6;

12.6 Withdrawal of the grant is provided for in the following cases:

- a) realisation of the doctoral programme in a manner that differs from the project accepted for funding, if the necessary authorisation was not previously requested and subsequently granted by the MUR;
- b) failure to complete the minimum period of study and research in a company or abroad upon completion of the doctoral programme.

The University of Padua may recourse to the beneficiary for the reimbursement of the amounts received.

Art. 13 – OBTAINING THE ACADEMIC QUALIFICATION

The PhD degree is awarded upon successfully passing the final examination. This examination consists of an oral discussion with the candidate on their thesis. The examination boards for the final examination will be formed and appointed in compliance with the Regulations for PhD courses.

Art. 14 – PROPERTY OF RESULTS AND CONFIDENTIALITY

14.1 Intellectual and industrial property rights on the results obtained by the PhD student, including but not limited to software, patentable or non-patentable industrial inventions, know-how, models, data and data collections, are regulated in accordance with current legislation, the University Regulations and, if applicable, on the basis of individual agreements with Universities, Enterprises and Parties involved.

14.2 PhD students who realize that they made an invention must immediately inform their supervisor or the Director of the Department, who, from that moment on, shall maintain the confidentiality and notify without delay the Technology Transfer Office of the University in order to proceed with the evaluation of the results linked to the invention as well as to the appropriate protection measures.

14.3 Candidates who compete for priority research grants undertake to accept the provisions relating to intellectual property agreed in the Convention between the University and the funding body.

14.4 In any case, the PhD student is guaranteed the opportunity to carry out the usual permitted publishing activities, which should be planned in a manner compatible with the protection of any results

Art. 15 – PROCESSING OF PERSONAL DATA

The processing of personal data provided by candidates collected for the purposes identified in this Call takes place in compliance with the provisions of EU Regulation 27.04.2016 n. 679 (General Data Protection Regulation, following: GDPR). Further information can be found here: <http://www.unipd.it/privacy>.

Art. 16 – INDIVIDUAL RESPONSIBLE FOR PROCEEDINGS

Pursuant to art. 5 of Italian Law n. 241 dated August 7th 1990 (New rules regarding administrative procedures and the right of access to administrative documents) and subsequent amendments, the individual responsible for proceedings is Elena Pavan – Head of the Ufficio Dottorato di Ricerca (PhD Office).

Art. 17 – NOTES AND WARNINGS

Disclaimer: this is a translation of the selection announcement for PhD Courses. Its purpose is to provide information to international students. It has no legal value. The only official and legally binding source is the original Italian announcement.

17.1 The present announcement is to be considered as official notification for all intents and purposes. No personal notifications will be sent to the candidates, except in the cases referred to in Article 9 of this Call. Any amendments or integrations to the present announcement shall be notified through:

- a) Publication on the University's official register;
- b) Publication on the University of Padova website: <https://www.unipd.it/dottorato/tecnologie-ricerca-fondamentale-fisica-astrofisica>

17.2 Candidates can take part in the selection process, subject to verification that they meet the requirements stated in the announcement. Verification will be carried out in accordance with art. 43 of Italian Presidential Decree n. 445 dated December 28th 2000.

The University will check the truthfulness of the declarations which candidates have provided to substitute certificates and, therefore, may exclude candidates from the selection process at any given moment. Anyone making false declarations will be punished in accordance with the penal code and special applicable laws. The exclusion decision will be notified to the person concerned at the special digital address expressly elected in the application form to take part in the selection, or failing that, at the postal address also indicated in the application.

At any given moment, even after Courses have begun, the University may carry out checks into the truthfulness of the declarations provided and may, by a substantiated decision, exclude candidates for failing to meet the requirements set out in the Call.

17.3 The University shall assume no responsibility for the loss of any notifications resulting from the candidate providing inaccurate indication of their contact and residence details or caused by failure or delay to communicate any variations of these details. The University shall not be held responsible for any telecommunications or postal errors which are not the fault of the University itself.

17.4 Any matters not covered by the present Call shall be governed by current applicable rules and legislation, specifically by: Italian Ministerial Decree n. 226 dated December 14th 2021; Italian Ministerial Decree n. 629 dated April 24th 2024; Italian Ministerial Decree n. 630 dated April 24th 2024; University Regulations on PhD courses; Agreements with other institutions for the establishment of PhD courses and agreements for PhD funding.

FOR FURTHER INFORMATION:

In case of technical issues, please contact the Support Service using the procedure available at the bottom of the webpage: <https://pica.cineca.it/unipd>

For assistance with the completion of the online application:

- Write to phd.application@unipd.it; we cannot guarantee that emails sent to other addresses will be read;
- Telephone Help Desk service at +39 049 8278977 available Monday to Friday from 10.00 am to 12.30 am (CEST).

For information on the PhD course:

Contact the telephone numbers indicated in the information sheet for the PhD course, under the section "Further information".

This selection announcement is available on: <https://www.unipd.it/dottorato/tecnologie-ricerca-fondamentale-fisica-astrofisica> and a copy is available at 'Ufficio Dottorato di ricerca' (PhD Office) - Via Martiri della Libertà, 8, Padova.

To find out the days when 'Ufficio Dottorato di ricerca' (PhD Office) may be closed, please check the University website.

Padova,

The rector
Prof.ssa Daniela Mapelli
firmato digitalmente ai sensi del d.lgs. 82/2005

La Responsabile del procedimento amministrativo Dott.ssa Elena Pavan	La Dirigente Dott.ssa Roberta Rasa	Il Direttore Generale Ing. Alberto Scuttari
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