









Rector's Decree

Additional public call for applications for admission to PhD courses - XXXIX cycle - A. A. 2023/2024 with allocation of PhD scholarships financed by INPS and within the "Municipal Doctorates" initiative

The Rector

HAVING REGARD TO the Statute of Autonomy;

HAVING REGARD TO the General Regulations of the University;

HAVING REGARD TO the University Teaching Regulations;

HAVING REGARD TO the Administration and Accounting Rules;

HAVING REGARD TO the University Regulation on Doctoral Programmes;

HAVING REGARD TO the Code of Ethics and Conduct;

HAVING REGARD TO Law No. 476 of 13 August 1984;

HAVING REGARD TO Law No. 240 of 30 December 2010, in particular Article 19;

HAVING REGARD TO Ministerial Decree No. 226 of 14 December 2021;

HAVING REGARD TO Law No. 104 of 5 February 1992, as supplemented and amended by Law No. 17 of 28 January 1999;

HAVING REGARD TO Presidential Decree No. 445 of 28 December 2000;

HAVING REGARD TO Law No. 148 of 11 July 2002;

HAVING REGARD TO Legislative Decree No 196 of 30 June 2003;

HAVING REGARD TO Ministerial Decree No 270 of 22 October 2004;

HAVING REGARD TO the General Data Protection Regulation (GDPR) - Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data;

HAVING REGARD TO Ministerial Decree No. 247 of 23 February 2022, which provided for the increase in the gross annual amount of the PhD scholarship;

HAVING REGARD TO its own Decree No. 374 of 1 March 2022, by which the "Fees, contributions and exemptions regulations" were issued and updated for the academic year 2023/2024 at the meeting of the Board of Directors held on 28 February 2023

HAVING REGARD TO the provisions of the Ministry of Universities and Research (MUR) concerning Procedures for the entry, residence and enrolment of foreign/international students on higher education courses in Italy for the academic year 2023/2024 available at the link: https://www.studiare-in-italia.it/studentistranieri/ www.studiare-in-italia.it/studentistranieri/;

HAVING REGARD TO Law No. 33 of 12 April 2022 on 'Provisions concerning concurrent enrolment in two higher education courses











HAVING REGARD TO the resolutions passed by the Academic Senate and the Board of Directors at their meetings held on 23 and 30 May 2023, respectively, concerning the renewal and activation of PhD courses for the XXXIX cycle

HAVING REGARD TO its own Decree no. 862 of 15 June 2023, which issued the "Notice of public selection for admission to the XXXIX cycle A.Y. 2023/2024 PhD courses, with the award of doctoral scholarships financed by NextGenerationEU under the PNRR";

HAVING REGARD TO its decree no. 1388 of 16 October 2023 by which the acts of the selections and the relative merit rankings for admission to doctoral courses - XXXIX cycle and the allocation of doctoral scholarships financed by NextGenerationEU within the framework of the National Recovery and Resilience Plan (PNRR) were approved;

HAVING REGARD TO the INPS Doctoral competition notice, published on 21 December 2023, on Industry 4.0, Sustainable Development, INPS and Welfare - a.y. 2023/2024 (XXXIX cycle) for the award of additional PhD scholarships in favour of children and orphans of

- employees and pensioners of the public administration affiliated to the unitary management of credit and social benefits;
- pensioners who are users of the civil servant management;

CONSIDERED that within the framework of the above-mentioned INPS call for proposals, the PhD Course in Physical, Chemical and Material Sciences and Technologies was awarded a grant on the following topic: "Development of digitised multi-responsive membranes for the creation and monitoring of micro-climates capable of protecting the integrity of artistic and cultural heritage over time

HAVING REGARD TO Ministerial Decree No. 725 of 22 June 2021 setting forth the criteria and procedures for the conclusion of agreements between the Municipalities and the Universities for the use of resources as well as the scientific and disciplinary contents of the "Municipal Doctorates

HAVING REGARD TO Notice No. 470 of 11 July 2023 of the Agenzia per la Coesione Territoriale aimed at selecting proposals for "municipal doctorates", put forward by the aggregations of Municipalities present in each of the Inland Areas, identified pursuant to the "National Strategy for Inland Areas" (SNAI), in line with the purposes of Ministerial Decree No. 725 of 22 June 2021

WHEREAS the agreement signed, pursuant to and for the purposes of Article 15 of Law 241/90, between the Municipality of Parenti - of the Reventino - Savuto internal area and this University, governs the technicalscientific cooperation relationship for participation in the Call for Proposals for the granting of resources intended for the experimental funding by the municipalities in the internal areas, also in associated form, of scholarships for 'municipal doctorates

HAVING REGARD TO the agreement signed by the proposing municipality and the University of Calabria and forwarded to the Agency for Territorial Cohesion

TAKEN NOTE that as of 1 December 2023 the Agency for Territorial Cohesion was abolished and its functions were taken over by the Presidency of the Council of Ministers - Department for Cohesion Policies and for the South;

HAVING REGARD TO decree no. 23 of 3 May 2024, which replaces DDG no. 627 of 30 November 2023, by which the Department for Cohesion Policies and the South has announced the list of applications eligible for funding under the call in question - CUP E59J21007730005











CONSIDERED that the above-mentioned proposal with Area Interna Reventino - Savuto - Parenti proposing Municipality with an amount of € 75,000.00, among others, is eligible for funding for this University;

WHEREAS the scholarships under the "Municipal Doctorates" initiative are to be considered as additional to those already approved for the doctoral cycle to which they refer and may be awarded by proceeding with the publication of a specific call for doctoral students;

HAVING REGARD TO the communication from the Coordinator of the doctoral course in Life Science and Technology requesting that a specific call for applications be issued for the award of a scholarship under the 'Doctoral Municipalities' initiative

CONSIDERED that all the scholarships referred to in the call for applications issued by its own decree 862/2023 for the PhD course in Physical, Chemical and Materials Science and Technology and the PhD course in Life Science and Technology have been awarded;

CONSIDERING IT necessary to provide for the issuance of the additional call for selection for the award of PhD scholarships financed under the "Municipal Doctorates" initiative and the INPS call for PhDs in Industry 4.0, Sustainable Development, INPS and Welfare" relating to the academic year 2023/2024 - XXXIX cycle;

DECRETA

Art. 1 Announcement of selection

- 1. An additional public selection is called at the University of Calabria for the awarding of no. 2 additional PhD scholarships financed within the initiative "Municipal Doctorates" and within the INPS call for applications for PhDs in the fields of Industry 4.0, Sustainable Development, INPS and Welfare for the PhD Courses of the XXXIX cycle academic year 2023/2024.
- 2. The 2 additional places covered by the scholarship are as follows:
 - no. 1 position within the 'Municipal Doctorates' initiative for the PhD course in Life Science and Technology;
 - no. 1 post in the framework of the call for applications for PhD courses in Industry 4.0, Sustainable
 Development, INPS and Welfare for the XXXIX cycle academic year 2023/2024 reserved for children
 and orphans of members of the unitary credit and social security benefits administration and
 pensioners users of the public employees administration for the PhD course in Physical, chemical and
 material sciences and technologies.
- **3.** This notice will be published on the website of the Ministry of University and Research, on the European Euraxess website and on the University of Calabria's portal at the following links

https://www.unical.it/didattica/offerta-formativa/dottorati/https://www.unical.it/didattica/offerta-formativa/dottorati/

https://unical.portaleamministrazionetrasparente.it/pagina874_tc-7_dottorati-di-ricerca.html and has the value of notification for all purposes.

4. For each doctoral course, information on the Coordinator, the duration, the proposing Department (and any other Departments involved), the research themes or curricula of the course, the participation requirements, the admission procedures, the qualifications to be attached to the application form, the assessment criteria for the tests the number of places and scholarships with the specification of the funding bodies and the research objectives/themes, also in relation to the individual curricula, if any, the timetable of the tests, any contact details for information and the course website, are set out in Annex A "Analytical









Schedules of the XXXIX cycle PhD Courses - Academic Year 2023/2024", which constitutes an integral and substantial part of the present call.

- 5. With regard to the scholarship financed by INPS, in accordance with the competition notice published on 21 December 2023 by INPS, the selection procedures for admission to the doctorate are the responsibility of the beneficiary University. The ranking of successful candidates, with an indication of the score obtained, will be sent by the University to the Institute, in order to identify those entitled to the scholarship following the relevant competition procedure announced by the Institute: further details can be found on the dedicated web page of the INPS website. The selection by the University of Calabria and the publication of the Rectoral Decree approving the acts of the selections with the indication of those eligible for the additional grant financed by INPS does not, therefore, entitle the student to the award of the grant, which remains the responsibility of INPS.
- **6.** The activation of the post with an additional grant financed by INPS is conditional on the eligibility assessment carried out by INPS itself.
- 7. The activation of the post with additional grant within the "Municipal Doctorates" initiative is subject to the finalisation of the agreement with the Department for Cohesion Policies and for the South. In the event that the Department for Cohesion Policies and for the South fails to match the funding to cover the scholarship for Municipal Doctorates, the same will not be disbursed, with the consequent forfeiture of the position awarded to the successful candidate.
- **8.** Any changes, updates or additions to the content of the notice will be made known, exclusively, by publication on the University of Calabria's portal at the following links:

https://www.unical.it/didattica/offerta-formativa/dottorati/;

https://unical.portaleamministrazionetrasparente.it/pagina874 tc-7 dottorati-di-ricerca.html.

Any personal communication to candidates relating to this call for applications will be by e-mail. For this purpose, the e-mail address indicated by the candidate in the on-line application form shall be used. The University accepts no responsibility for the loss of communications due to inaccurate personal contact details on the part of the candidate or failure or delay in communicating changes, nor for telematic errors.

- **9.** The submission of an application through the procedure set out in Article 4 presupposes the candidate's knowledge of the rules contained in this call for applications, in the University Regulations on PhDs and in the regulations on funding sources.
- 10. The starting date for doctoral activities related to the scholarships in this notice is 1 August 2024.

Art. 2 Admission requirements

- **1.** Those who hold one of the following qualifications may apply for admission to the PhD courses referred to in Article 1 above, without any age or nationality limit:
 - a. Old university degree (ex ante D.M. 509/1999);
 - b. Master's/Master's degree (Ministerial Decree 509/1999 and Ministerial Decree 270/2004);
 - c. Second-level academic qualification awarded by institutions belonging to the AFAM sector;
 - d. Qualification obtained at a foreign university, legally recognised, provided that it is equivalent in duration, level and subject area to the Italian qualification allowing access to the course.

For access to the selection of some of the PhD courses, possession of specific master's/specialist (or equivalent) degrees is required, as indicated in Annex A to this notice.

2. Those who obtain the qualification required in paragraph 1 by the date of enrolment in the PhD course may also apply for admission. If the candidate is a winner, he/she will be admitted "with reserve" and must

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submit, by the date of enrolment in the PhD course, by e-mail to dottorati@unical.it, self-certification of having obtained the qualification with a copy of a valid identity document attached. Failure to obtain the degree by the deadline indicated will result in exclusion from the merit rankings.

- **3.** Candidates wishing to participate in the selection process for the award of the grant financed by INPS, in addition to meeting the requirements set out in the preceding paragraphs, must, when submitting their application to participate, as per art. 4 below, compulsorily submit, through the electronic procedure, self-certification in which they declare, in accordance with D.P.R. 445/2000, that they meet the additional requirements indicated in art. 3 of the INPS notice, and specifically
- 1) being a child or orphan of:
 - registered with the unitary credit and social benefits administration;
 - pensioner who is a user of the Public Employees' Management.
- 2) be less than 30 years of age at the time of submitting the application to take part in the selection;
- 3) be unemployed at the date of publication;
- 4) not to be enrolled, in the 2023/2024 academic year, in other degree courses, master's courses, specialisation schools and doctoral courses.

The training pathway linked to the grant financed through the specific action under the INPS Call for Proposals provides for:

- a) a period of study and research in an enterprise of a minimum of six (6) and a maximum of twelve (12) months;
- b) a study and research period abroad of a minimum of three (3) and a maximum of six (6) months.

The notice of competition governing the procedures for the award of the INPS grant is available on the organisation's website at: https://www.inps.it/it/it/inps-comunica/notizie/dettaglio-news-page.news.2023.12.dottorati-di-ricerca-2023-2024-pubblicato-il-bando.html.

- **4.** Those who cannot apply to take part in the selection may not apply:
 - have been awarded a PhD scholarship or a fraction thereof in the past;
 - have already obtained a doctoral degree.

Art. 3 Qualification obtained abroad

- 1. The suitability of a qualification obtained at a foreign university is ascertained, solely for the purposes of admission to the selection, by the selection boards in compliance with the regulations in force in Italy and in the country where the qualification was awarded, as well as with international treaties or agreements on the recognition of qualifications for the pursuit of studies.
- 2. In this case, candidates must submit, in the manner indicated in Article 4 below, the degree certificate, with an indication of the examinations taken and the study plan followed, both at first and second level. The candidate may also attach the diploma supplement or the declaration of value in situ or certificate of comparability issued by the CIMEA or other ENIC-NARIC centres and any other documentation useful for assessing the eligibility of the degree possessed for the chosen course. The aforementioned documents, if not in Italian or English, must, under penalty of exclusion from the selection, be accompanied by a sworn translation in Italian or English. The Selection Boards will proceed to assess the suitability of the foreign qualification on the basis of the documentation submitted and may therefore exclude the candidate even if there are insufficient elements for the assessment.
- **3.** Candidates with a foreign qualification are admitted to the selection process subject to a reservation, which can only be lifted when, if successful, they produce the diploma supplement or declaration of value in situ or CIMEA or other ENIC-NARIC certificate of comparability, as provided for in Article 8.











Art. 4 Application for admission

- **1.** he application for admission to the selection <u>must</u> be submitted using the online procedure available at: https://unical.esse3.cineca.it/.
- **2.** The computerised procedure for submitting the online application for admission will close **at 12:00** a.m. (Italian time) on **8 July 2024**.
- **3.** The telematic procedure envisages a preliminary registration for those who do not have a University of Calabria student matriculation number, in order to obtain the credentials allowing access to the subsequent phase of filling in the application form.
- **4.** Candidates who are already registered must instead access the Reserved Area using the credentials they already have. Candidates are invited to update the data already in their personal details, in particular their place of residence, telephone number and e-mail address, to which any communications relating to the competition will be sent.
- **5.** The application for admission to the selection is considered to have been correctly submitted only upon completion of the electronic procedure and can no longer be modified online.
- **6.** The date of submission of the application for admission to the selection is certified by the computer system, which will no longer allow access and submission of the application once the deadline has expired.
- **7.** There is no admission fee.
- **8.** The online admission procedure involves uploading the following documents in pdf format:
 - self-certification of qualification pursuant to art. 47 of Presidential Decree 445/2000 (Annex B) for academic qualifications obtained in EU countries
 - self-certification of possession of the requirements for the allocation of INPS-funded grants (INPS Attachment)
 - documentation required for the assessment of candidates with an academic qualification obtained abroad;
 - self-certification of examinations taken during the academic career, for candidates not yet in possession of the title;
 - research project, of a maximum length of 16,000 characters (including spaces), unless otherwise specified in the PhD course outline, on the specific research topics of the fellowships;
 - curriculum vitae et studiorum of the candidate;
 - copy, front and back, of a valid identity document;
 - copy of the tax code, only for Italian candidates;
 - any further qualifications to be assessed, as specified in 'Annex A' to this notice.
- 9. All the qualifications, documents and publications considered useful for the purposes of the competition procedure must be attached in pdf format with a maximum size of 20 MB; by way of exception, any documentation that the candidate is unable to attach may be sent by certified electronic mail (PEC) to the address amministrazione@pec.unical.it or delivered by hand to the Central Administration Protocol Office, Via Pietro Bucci cubi 7-11 b, Arcavacata di Rende (CS), on weekdays from 10:00 a.m. to 12:00 noon, in compliance with the deadline of this notice. In addition, by the same means, candidates who wish to supplement or amend their application or attachments may send the same, together with the signed application form and a photocopy of a valid identity document, by the peremptory deadline of the call. In the event that the attachments are not received by the deadline and in the manner indicated, only the documents entered using the computer procedure will be evaluated. The University accepts no responsibility for any telematic errors attributable to third parties.











- **10.** Applicants wishing to take part in more than one selection for admission to the doctoral courses covered by this notice must submit a separate application for each selection, each accompanied by the required qualifications.
- **11.** Applications for admission to the selection process submitted in any other manner than as set out above will not be considered.
- 12. It is the candidate's responsibility to ensure that the computer procedure is completed correctly; in this regard, this University declines all responsibility for any malfunctioning of the computer system close to the deadline.
- 13. Candidates with ascertained disabilities, in accordance with law no. 104/1992 as supplemented by law no. 17/99, may request, in relation to their disability, the necessary aids and any additional time to complete the test. Candidates suffering from specific learning disorders in accordance with law no. 170/2010, in relation to the type of test, are granted additional time equal to 30 per cent more than that defined. Disabled candidates, if they wish to use the aids provided for by Law no. 104/1992 as supplemented by Law no. 17/99, must also indicate this when filling in the online application form, indicating the type of aid requested.
- **14.** All candidates are admitted to the selection process subject to verification of the requirements set out in the notice, which will be carried out pursuant to Article 43 of Presidential Decree 445/2000. The University may, therefore, exclude candidates from the selection procedure at any time. The University will also verify, ex officio, the truthfulness of the substitutive declarations of certification submitted by candidates: anyone making false declarations shall be punished in accordance with the penal code and the special laws on the subject.
- **15.** The University reserves the right to take measures, even after the selection has been carried out, to exclude candidates who do not meet the requirements or who have not complied with the provisions of the call for applications.

Art. 5 Selection Boards

- **1.** Selection Boards for admission to doctoral courses are appointed by the Rector in accordance with the University of Calabria's "University regulations on doctoral research".
- **2.** Each selection board is responsible for the entire application selection procedure, the drawing up of the minutes, the formulation of the merit lists and the awarding of the doctoral scholarships.
- **3.** The composition of the individual Commissions will be published on the University of Calabria portal at the following links:

https://www.unical.it/didattica/offerta-formativa/dottorati/;

https://unical.portaleamministrazionetrasparente.it/pagina874_tc-7_dottorati-di-ricerca.html.

Art. 6 Admission tests

- **1.** Admission takes place according to the procedures set out for each course in Annex A, an integral part of this decree.
- 2. The diary of the admission tests, set out for each course in the aforementioned Attachment A, constitutes notification for all purposes to those interested. Any changes or additions to the examination timetable will be published exclusively on the University of Calabria portal at the web addresses indicated in Annex A for each course.
- 3. Failure to appear at the admission tests will be considered as withdrawal from the selection.











- In order to take the competition tests, candidates must present one of the following valid identification documents: identity card, passport, photocopied driving licence, arms licence, identification cards - bearing a photograph and stamp or other equivalent marking - issued by a State Administration.
- 5. The selection procedure, aimed at ascertaining the candidate's aptitude for scientific research, consists of an assessment of the candidates' qualifications, supplemented, in accordance with the provisions of each course in Annex A, by an oral test.
- 6. The sheet for each doctorate indicates the points available for each individual test, the award criteria and the minimum score thresholds for admission to subsequent tests.
- Each Commission, prior to the assessment of the qualifications, shall designate the chairman and the secretary taking the minutes and establish the assessment and scoring criteria for each individual item (research project, curriculum vitae et studiorum, any certifications, any publications, etc.). In the case of candidates not yet in possession of the PhD qualification, for the purposes of an appropriate assessment of their educational background, the Commission shall take into account their academic career self-certified at the time of application.
- 8. The oral test is public and includes a test of knowledge of one or more foreign languages.
- Candidates residing or domiciled abroad and all candidates who demonstrate, providing adequate justification to the Selection Committee, the inability to be physically present at the place and date scheduled for the oral test only, will be allowed to request the conduct of the same electronically. In such cases, the candidate must make the request by sending a PEC (www.unical. ihttp://www.unical.it/pec t/pec) to the Department proposing the doctoral course indicated in the doctoral file and/or an email to the address dottorati@unical.it, immediately after the publication of the results of the evaluation of qualifications, as indicated in the individual doctoral files. A copy of a valid identification document must be attached to the request. Candidates must ensure the use of a webcam to allow their identification to the Selection Committee and must be available on the day and at the time established in the test diary in Annex A. It is at the discretion of each selection board to agree with candidates on a specific time for the start of the interview. For the purposes of identification and under penalty of exclusion from the selection procedure, each candidate must, before the interview begins, identify him/herself by producing the same identity document already transmitted as an attachment to the e-mail and online application. Failure to log in, unavailability of the candidate on the day or at the time set or failure to produce the identification document transmitted constitute grounds for exclusion from the selection procedure. The University declines any responsibility for the eventuality that technical reasons prevent the smooth running of the oral interview.
- 10. At the end of the evaluation, the Commission, on the basis of the marks obtained by each candidate, establishes the merit list.
- 11. The Commission then allocates the grants taking into account the position in the merit list, the number of grants in the competition, the subject of the research project or the suitability of the candidate to develop the research project of the posts in the competition.

According to current national legislation, each candidate may not receive more than one doctoral grant at the same time.

- 12. For the allocation of places under this notice, in the event of a tie in the general merit list, the assessment of the applicant's economic situation (ISEE) prevails.
- 13. The documents relating to the competition procedure are forwarded to the Rector by the President of the Selection Committee.











14. Candidates are guaranteed access to the documentation of the competition procedure, in accordance with the regulations in force.

Art. 7 Admission to doctoral courses

- 1. The Rector approves the selection acts and decrees the merit lists for the admission of candidates.
- 2. The merit rankings will be published on the University of Calabria's portal at the following links: https://www.unical.it/didattica/offerta-formativa/dottorati/; https://unical.portaleamministrazionetrasparente.it/pagina874_tc-7_dottorati-di-ricerca.html.
- 3. Applicants will therefore not receive any personal communication.
- 4. The merit list for admission to the PhD Course in Physical, Chemical and Material Sciences and Technologies, with the relative score, will be forwarded to INPS, which will verify the child or orphan status of:
- registered with the unitary credit and social benefits administration;
- pensioner who is a user of the Public Employees' Management.

Upon the outcome of the verification, INPS will proceed with the publication of the ranking on the Institute's website. By subsequent Rectoral Decree, the winning candidate will be admitted to attend the PhD Course.

- Candidates are admitted to the course according to the ranking drawn up by the Selection Committee. In the event of any renunciation of the eligible candidates before the beginning of the course, they will be replaced by the same number of candidates according to the order of the ranking drawn up by the Commission, also in compliance with the research themes and, in the case of the grant financed by INPS, with the ranking drawn up by the Institute itself.
- The selection process provides for the allocation only of places covered by a scholarship. Renunciation of the scholarship therefore entails renunciation of the PhD course.

Art. 8 Entry Modalities

- The winners must proceed with enrolment, using the procedure available at https://unical.esse3.cineca.it/, by the deadline indicated at the same time as the publication of the Rectoral Decree approving the selection acts and for the scholarship financed by INPS following the publication of the outcome of the procedure by INPS. Failure to complete enrolment will result in forfeiture of the right to admission to the PhD course.
- The fees for attending doctoral courses, payable by all doctoral students, include the regional fee for the right to study, stamp duty and the insurance premium pursuant to the "Fees, contributions and exemptions regulations 2023/2024", to which reference should be made.
- Upon enrolment, non-EU candidates shall submit a copy of their study/university entry visa or residence permit to the PhD Sector of the Research, Innovation and Social Impact Area, within an appropriate deadline agreed with the Sector itself.
- Non-EU citizens applying for а visa must register on the Universitaly https://www.universitaly.it/index.php/dashboard, under the heading "International students", in order to apply for an entry visa. Enrolment is only finalised upon the issue of an entry visa for study in Italy, which is the exclusive responsibility of the Italian Diplomatic Representations abroad, regardless of eligibility.
- Candidates with a foreign qualification admitted to the course, if they did not submit it during the 5. admission phase, must submit to the PhD Sector of the Research, Innovation and Social Impact Area, within a reasonable time agreed upon with the Sector itself, under penalty of career blocking and subsequent forfeiture, the declaration of value in situ of the qualification, issued by the Italian Diplomatic Representation of the country











to whose system the qualification refers. As an alternative to the on-site declaration of value, it is possible to present the Diploma Supplement in English, issued by the same institution that issued the qualification, drawn up according to the model developed by the European Commission, the Council of Europe and UNESCO/CEPES, or the certificate of comparability of the CIMEA or ENIC-NARIC centres. Should the "Declaration of Validity" submitted by the candidate attest the invalidity of the qualification in the country of achievement for enrolment in a course similar to the PhD, the person concerned shall forfeit the PhD course.

- **6.** In the event of the renouncement of the person entitled, the vacant post will be assigned to those with a useful position in the merit list, with convocation by e-mail, pursuant to art. 6 of this notice.
- 7. The University reserves the right to carry out appropriate checks on the truthfulness of the content of the winner's declarations. Should it emerge that the content of the declarations is not true, the winner shall forfeit the benefits deriving from the measure issued on the basis of the untruthful declaration.

Art. 9 Scholarships

- 1. The amount of the doctoral scholarship is €16,243.00 per year gross of social security charges payable by the scholarship holder. The doctoral scholarship is exempt from payment of local income tax and personal income tax (IRPEF) and is subject to payment of INPS social security contributions under separate management, two-thirds being paid by the University and one-third by the scholarship holder. PhD students enjoy the related protections and rights. Scholarship holders must enrol in the INPS separate social security scheme.
- 2. The annual gross personal income limit to be eligible for a doctoral grant is €15,000.00. Income from assets as well as emoluments of any other nature, including those of an occasional nature, contribute towards determining this income. The income refers to the tax period relating to the calendar year in which the scholarship is most used (for the academic year 2023/2024 the year 2024). If the income limit is exceeded in one of the academic years in which the scholarship is enjoyed, the scholarship entitlement is forfeited for the year in which the income event incompatible with the scholarship occurred. In this case, there will be an obligation to repay any monthly payments already received during the academic year.
- **3.** The doctoral grant is paid in monthly instalments in arrears, lasts for one year and is renewed annually for the duration of the course, provided that the doctoral student has completed the activities planned in the previous year and has been admitted by the Board of teachers to the following year.
- **4.** Doctoral scholarships may not be cumulated with research grants or other scholarships for any reason whatsoever, except with those granted by national or foreign institutions for the purpose of supplementing training or research activities with stays abroad.
- 5. The amount of the bursary is increased by 50% for periods of residence abroad at universities or research institutes authorised in advance by the teaching board and attested by a certificate issued by the host institution, not shorter than 30 consecutive days and not longer than 12 months in total, extendable up to 18 months for doctoral programmes co-operating with foreign universities and for those activated in associated form pursuant to article 3, paragraph 2 of Ministerial Decree no. 226/2021. The doctoral student is required to certify the actual stay abroad, under penalty of repayment of the amount received. The bonus cannot be received for stays spent in the doctoral candidate's country of origin or country of residence.
- **6.** A person who has already obtained a PhD degree or has been awarded a scholarship for a PhD course, even partially, may not use it a second time.

Art. 10 Rights and duties of doctoral students

1. Without prejudice to the rights and obligations provided for by the University Regulations in force











concerning PhDs and by Ministerial Decree no. 226/21, acceptance of the grant financed by INPS or as part of the "municipal doctorates" implies compliance with the obligations provided for by the relevant notices and funding sources.

- 2. Admission to the doctorate entails an exclusive, full-time commitment. Doctoral students are obliged to attend doctoral courses assiduously, to carry out all study and research activities in the designated facilities and in accordance with the procedures established by the Board of teachers, to submit to the Board of teachers, at the end of each year of the course, an oral or written report on the activities and research carried out and to comply with anything else established by the Board of teachers.
- **3.** Each doctoral student is guaranteed a budget for research activities in Italy and abroad of no less than 10% of the cost of the Ministerial grant.
- **4.** Doctoral students must carry out a compulsory period of study and research at public or private entities abroad of at least ninety (90) days in the three-year period, authorised in advance by the Academic Board.
- **5.** The doctoral student awarded the INPS-funded grant will have to carry out the study and research periods in a company/institution and abroad as indicated in the specific course outline.
- **6.** PhD students are required to read the University of Calabria's Regulation on Doctoral Programmes and to periodically consult the web portal, in particular the page https://www.unical.it/didattica/offerta-formativa/dottorati/.

Art. 11 Final examination and award of title

The title of Doctor of Research ("Dott. Ric. or Ph.D.") is awarded by the Rector of the University of Calabria at the end of the Course following the public discussion, before a Selection Board appointed by the Rector himself, of a research thesis that contributes to the advancement of knowledge or methodologies in the chosen field of investigation, in accordance with the University Regulations on Doctoral Research.

Art. 12 Ownership of results

- 1. Intellectual property rights to the possible achievements of the doctoral student, including but not limited to software, patentable or non-patentable industrial inventions, know-how, models, data and data collections, are governed in accordance with current legislation, the University Regulations and as set out in the individual agreements with universities, companies or bodies involved.
- 2. The doctoral student is obliged to inform the Coordinator without delay of the results obtained, undertaking not to divulge or use them without the prior authorisation of the University. In the event that the doctoral student collaborates in research groups, he/she may be asked to sign an undertaking to acknowledge intellectual property rights and confidentiality in relation to the information, data and documents of a confidential nature that he/she may come to know in the course of his/her work at and/or on behalf of the University.

Article 13 Processing of personal data

1. Pursuant to Art. 13 of the General Data Protection Regulation (Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016), candidates are hereby informed that the processing of personal data provided by them when taking part in the selection process or otherwise acquired for that purpose by the University of Calabria is aimed solely at the performance of the competition activities and will be carried out by the persons in charge of the competition procedure also by the Selection Committee, at the University of Calabria, with the use of procedures, including computerised ones, in the manner and within the limits necessary











to pursue the aforementioned purposes, even in the case of possible communication to third parties. The provision of such data is necessary in order to verify the participation requirements and the possession of qualifications, and failure to provide such data may preclude such verification.

The data collected by the University of Calabria, for the above-mentioned purposes, will be processed through an automated database also after the conclusion of the selection procedure for purposes related to the management of the academic career of the successful candidates. They may also be used, in aggregate form and for statistical purposes, by the MUR.

- **2.** The personal data provided by the candidates will be communicated to the administrative structures of the University of Calabria and to the public bodies directly concerned with the legal and economic position of the successful candidates.
- **3.** Applicants are granted the rights set out in Articles 15 et seq. of the aforementioned Regulation 2016/679, in particular, the right to access their personal data, to request their rectification, deletion, restriction of processing, as well as to object to their processing, by addressing their requests to the University of Calabria. Data subjects who consider that personal data relating to them are being processed in breach of the provisions of the Regulation have the right to lodge a complaint with the Garante for the protection of personal data, as provided for in Article 77 of the Regulation, or to take legal action (Article 79 of the Regulation).
- **4.** All documentation and information concerning the protection of personal data of the University of Calabria are available at the following link: https://www.unical.it/privacy/.
- **5.** The data controller is the University of Calabria, via Pietro Bucci, 87036 Arcavacata di Rende (CS), tel. (+39) 0984 4911.
- **6.** The contact details of the Data Protection Officer (DPO) are: via Pietro Bucci, Cube 7/11, 87036 Arcavacata di Rende (CS), tel. (+39) 0984 493918; email: rpd@unical.it.

Art. 14 Person in charge of the procedure

Pursuant to Law no. 241 of 7 August 1990, the person in charge of the procedure of this call for applications is the Head of the Research Doctorates Sector of the Research, Innovation and Social Impact Area - University of Calabria (e-mail: dottorati@unical.it).

Art. 15 Final Rules

- 1. For all matters not explicitly specified in this call for applications, the provisions set out in the relevant legislation in force, in the University of Calabria's Regulation on PhD programmes, as well as in the notice of competition issued by INPS and the notice issued by the Agenzia per la Coesione Territoriale apply.
- 2. This call for applications is translated into English, but in the event of disputes the legal text of reference will be that in Italian.

The Rector Nicola Leone

In this notice, terms relating to persons appear only in the masculine form. They refer indiscriminately to persons of the female and male gender. Gender-neutral wording has been avoided in order not to compromise the readability of the text and to meet the need for simplicity.

 $Document\ digitally\ signed\ in\ accordance\ with\ the\ Digital\ Administration\ Code\ and\ related\ regulations.$











ANNEX A "ANALYSIS OF RESEARCH DOCTORATE COURSES - Cycle XXXIX - Academic Year 2023/2024".

	SUMMARY OF AVAILABLE PLACES						
N.	PhD Course	Coordinator	Places available	Pages			
1	Life Science and Technology	Prof. Tommaso Angelone	1 post with scholarship funded under the 'Municipal Doctorates' initiative	14-16			
2	Physical, Chemical and Materials Science and Technology	Prof. Gabriella Cipparrone	1 post with INPS-funded scholarship	17-18			











PhD in Life Science and Technology

The first the science and reciniology					
Coordinator	Prof. Tommaso Angelone - Department of Biology, Ecology and Earth Sciences (DiBEST) - Via Pietro Bucci - Cube 6/C, 87036 Arcavacata di Rende (CS) Tel.: +39 0984.492902 - e-mail: tommaso.angelone@unical.it - SSD: BIO/09				
Duration	3 years				
Proposing department	Department of Biology, Ecology and Earth Sciences (DiBEST)				
CUN Areas and Scientific Disciplinary Fields	CUN area 01: MAT/09; CUN area 03: CHIM/02, CHIM/06, CHIM/08, CHIM/09; CUN area 04: GEO/01; CUN area 05: BIO/01, BIO/02, BIO/03, BIO/05, BIO/06, BIO/09, BIO/10, BIO/11, BIO/15, BIO/16, BIO/18; CUN area 06: MED/04; CUN area 08: ICAR/03; CUN area 09: ING-IND/24.				
Research topics	The PhD is multidisciplinary and aims to develop expertise in the following research topics. Experimental cardiology. Cellular physiology. Signal transduction mechanisms. Biochemical and biomolecular aspects of membrane transport systems. Applications of membrane transport systems to human health and drug design. Analysis of genetic and epigenetic variability in relation to human ageing and forensic issues; biology, genetics and epigenetics of microorganisms and their relationship to the host. New molecular mechanisms involved in the progression of hormone-sensitive tumours. Biodiversity. Conservation and wildlife risk. Developmental biology. Neurobiology. Morpho-functional cellular alterations in eukaryotes. Adaptive biology of fish in aquaculture. Behavioural ecology. Organ morpho-functional adaptations in the presence of environmental, physical and chemical stresses. Cyto-physiology of apical meristems. Molecular and cyto-physiological aspects induced by secondary metabolites. Environmental stresses and parasites. Identification and characterisation of genes involved in key metabolic processes. Comparative study of the plant genome and mitochondrial gene expression. Epigenetic mechanisms and developmental processes in plants. Response of plant organisms to environmental stresses. Plant biosystematics. Flora and vegetation of Calabria. Biodiversity and conservation of plant resources. Cytophysiological and molecular analysis of marine phanerogams; ecological analysis and functioning of coastal marine ecosystems. Bioindicators of inland water quality. New synthetic compounds and nutraceuticals of pharmaceutical interest. Profiling, proteomics, lipidomics and metabolomics of plant and animal matrices by MALDI-MS and MS/MS and high resolution NMR. Self-assembly of multifunctional biocompatible molecular nano-architectures for drug delivery and tissue reconstitution. Use of arthropods in environmental quality assessment and forensic investigations, parasitoses in humans and animals caused by certain insect speci				











	Food and pharmacological processes. Characterisation of weakly structured and multiphasic systems for food and pharmacological applications. Renewable energy sources. Efficiency of energy production processes. Air monitoring technologies. Development of water and industrial waste water treatment and management systems. Innovative systems for optimising the waste hierarchy and preventing waste creation. Development and characterisation of new additives for the asphalt industry for the protection of workers' health and the environment. Characterisation and study of biomimetic membranes using chemical-physical techniques. Characterisation and study of bituminous membranes by means of chemical-physical techniques.			
Admission selection procedure	•	cations and oral test. knowledge of the Engli	ish langu	age will be tested.
Assessable Titles and Documents	- Research project Curriculum vitae and studiorum (CV) Any other titles (Publications, Conference Participations). Maximum total score 60 points			
	Secur	rities evaluation		Maximum score 30 points
		one of the topics indi	cated in	Maximum 20 points
	or English only and scheme at	ts' box to be written in the seconding the following it/uuid-media/094bb2b	g to the link:	
	Curriculum Vitae et			Maximum 5 points
Evaluation Criteria	Other titles: participations.		ference	Maximum 5 points
	discussion of the re Vitae et Studior qualifications prese carrying out the preso During the oral te language will also be Foreign candidates electronically.	s may take the or	other skills in ssessed. English al test	Maximum score 30 puti
Places and Scholarships	1 (one) post with scholarship financed in the framework of the "Municipal doctorates" initiative on the topic of "Environmental monitoring of the Savuto river" - Reventino-Savuto Inner Area - Municipality propose Parenti			
	Proof	Date	Now	Place
Agenda	Evaluation	16 July 2024		









	Oral test	18 July 2024	09:30	Lecture Hall 5C4 Cube 5C Carrabile Floor DIBEST University of Calabria Arcavacata di Rende (CS)
			ipartimen	nti_240/dibest/ricerca/dottorati/l
Address for information	PhD course coordinator: Prof. Tommaso Angelone, DiBEST, Tel.: +39 0984.492902, e-mail: tommaso.angelone@unical.it Secretariat email: DottoratoLifeScienceAndTech@unical.it			
Course website	https://www.unical.it/didattica/offerta-formativa/dottorati/dottorato-in-life-science-and-technology/			









PhD in 'Physical, Chemical and Materials Science and Technology'.

	Prof.ssa Gabriella Cipparrone - Department of Physics - Via Pietro Bucci - Cube			
Coordinator	33/B, 87036 Arcavacata di Rende (CS) Tel.: +39 0984.496115 - e-mail: gabriella.cipparrone@fis.unical.it - SSD: FIS/03			
Duration	3 years			
Proposing department	Department of Physics			
Other Departments involved	Department of Chemistry and Chemical Technology (CTC) Department of Computer, Modelling, Electronic and Syste (DIMES)	ems Engineering		
CUN Areas and Scientific Disciplinary Fields	CUN area 02: FIS/01, FIS/02, FIS/03, FIS/05, FIS/06, FIS/07; CUN area 03: CHIM/01, CHIM/02, CHIM/03; CUN area 08: ICAR/08.			
Participation Requirements	 Degree (prior to DM 509/1999) or Master's Degree (prior to DM 509/1999 and DM 270/2004). Equivalent qualification obtained at legally recognised foreign universities. 			
Admission selection procedure	Evaluation of qualifications and oral test. During the oral test, knowledge of the English language will be tested.			
Assessable Titles and Documents	 Curriculum Vitae et Studiorum (CV) with annexed Bachelor's and Master's degree certificate, analytical list of examinations taken and relative marks. Research project Possible publications. 			
	Maximum total score 60 points			
	Securities evaluation			
	Research project	Maximum score		
	Course of studies plus any previous research experience	30 points		
Evaluation Criteria	Possible publications			
	Oral test Format: interview based on the research project and any qualifications submitted	Maximum score 30 points		
	Minimum threshold for admission to the oral test and passin points.	g the interview: 21		











Places and Scholarships	1 (one) place with a scholarship financed by INPS in favour of children and orphans of members of the unitary credit and social benefits administration and of pensioners who are members of the public employees administration on the following topics				
	1) 'Development of digitised multi-responsive membranes for the creation and monitoring of micro-climates to protect the integrity of cultural and artistic assets over time'. Study and research period in the company: 15 months at Move Srl; Study and research period abroad: 3 months at Universidad de La Laguna (Spain); Study and research period on site: 18 months at the CNR Institute for Membrane Technology (ITM).				
	Proof	Date	Now	Place	
	Evaluation	16 July 2024			
Agenda	Oral test	18 July 2024	09:30	Seminar room - Cube 31C - Department of Physics University of Calabria - Arcavacata di Rende (CS)	
	The results of the tests will be published at: https://fisica.unical.it/contents/news/list				
Address for information	Dr Chiara Perri tel.: + 39 0984.494006 E-mail: chiara.perri@fis.unical.it				
Course website	https://fisica.unical.it/didattica/formazione-post-laurea/dottorato-di-ricerca/				











ANNEX B

DECLARATION IN LIEU OF AFFIDAVIT

(Art. 47 Presidential Decree No. 445/2000)*.

i, the undersigned _		tax code:		place of birth
	date of birth	sex M/F residence (city) _	prov	streetn.
postal code	e-mail address	telephone	aware of the pro	visions of art. 76 of
Presidential Decree n	o. 445 of 28 December 2000,	on the criminal liability to which he	e/she may be subject in t	he event of falsity in
deeds and false decla	rations, pursuant to and for t	he purposes of the aforementioned	Presidential Decree no. 4	145/2000, and under
my own personal resp	oonsibility			
		DECLARE		
to be in possession of t	he following qualification in ac	ccordance with Article 2 of the select	ion notice:	
(indicate precisely: exa	ct name of the course, date of	qualification and grade, university, I	ist of examinations with g	rades if required and
for candidates not yet	in possession of the qualificati	on)		
Degree	obtaine	ed on		
with a grade	at			
list	of exam	inations and	grades	(if
any)				
Please attach a copy of	the following identity docume	ent:		
Regulation (EU) 2016/	679 of the European Parliam	ned, pursuant to and for the purpo ent and of the Council of 27 April the scope of the procedure for whi	2016, that the personal of	data collected will be
Place and date,				
		The	declarant	

This declaration must prove any qualifications (e.g. degrees, examinations passed, professional qualifications held, specialisation qualifications, etc.) that are not attached to the application by self-certifying them.

In the case of the titles attached (e.g. deeds and documents issued by a Public Administration, copies of publications; copies of parchments or certificates of academic or service qualifications, etc.) you must, in the same declaration, declare that they are true to the original. Finally, you must date, sign and enclose a copy of a valid ID document.

N.B. The signing of the above declarations is not subject to authentication if it is done in the presence of the employee in charge. If this declaration is sent or presented directly by a person other than the candidate, a photocopy, front and back, of an identity document of the signatory must also be produced. Only identity documents bearing a photograph and issued by a valid State administration will be considered valid.

^{*} This declaration may relate to states, personal qualities or facts that are within the direct knowledge of the person concerned as well as to states, personal qualities and facts relating to other persons of which the person concerned has direct knowledge.



The INPS, as Data Controller, with registered office in Rome, via Ciro il Grande, n. 21, informs you that the personal data provided in the context of the proceedings concerning you, including those referred to in art. 9 and 10 of the EU Regulation, are treated in compliance with the conditions and within the limits established by the EU Regulation itself and Legislative Decree 30 June 2003, n. 196, as amended and supplemented by Legislative Decree 10 August 2018, n. 101, in order to define the application and carry out any other institutional functions related to it or to ensure compliance with legal obligations. The processing of your personal data may take place through the use of computer, telematic and manual tools, with logics strictly related to the purposes for which they are collected, in order to ensure its security and confidentiality in compliance with the indications provided by the EU Regulation, starting from what is indicated in art. 5 to 11, and will be carried out by specially authorized and trained employees of the Institute. Only exceptionally, your data may be known and processed by subjects who, in providing specific services or performing instrumental activities on behalf of the INPS, operate as authorised persons or data processors designated by the Institute, in compliance with and with the guarantees for this purpose indicated by the EU Regulation. In the cases provided for by legislative provisions or, if provided for by law, regulation and in compliance with the limits set by them, personal data may be communicated by the INPS to other public or private entities operating as independent Data Controllers, to the extent strictly necessary and for the sole purpose for which the communication was made. The dissemination of the data provided is only possible upon express provision of law or, if required by law, regulation. The provision of data not indicated with an asterisk is mandatory, as required by laws, regulations or EU legislation, governing the performance and the obligations related to it; failure to provide the required data may lead to impossibilities or delays in the definition of the procedures, as well as, in some cases identified by the relevant legislation, the application of penalties. Some processing carried out by INPS, for the purposes listed above, may provide for the transfer of personal data abroad, within and/or outside the European Union. If this is necessary, the INPS in ensuring compliance with the EU Regulation (Art. 45), shall transfer data only to those countries that guarantee an adequate level of protection of the same. In the cases provided, you have the right to object to the processing or to obtain from the INPS, at any time, access to personal data concerning you, the rectification or cancellation of the same and the limitation of the processing (art. 15 and ss. of the Regulation). The request can be submitted to the INPS through the Data Protection Officer at: INPS - Data Protection Officer, Via Ciro il Grande, n. 21, chap. 00144, Rome; certified email: data protection responsible i.inps@postacert.inps.gov.it. If you believe that the processing of personal data concerning you is carried out by the INPS in violation of the provisions of the EU Regulation, you have the right to lodge a complaint with the Guarantor for the protection of personal data (art. 77 of the EU Regulation) or to take appropriate legal proceedings (Art. 79 EU Regulation). Further information regarding the processing of your data and the rights granted to you can be found on the institutional website www.inps.it, "Information on the processing of personal data of users of the INPS, pursuant to Articles 13 and 14 of Regulation (EU) 2016/679", or on the website www.garanteprivacy.it of the Data Protection Authority.

DATE

Signature for inspection



DECLARATION OF REPLACEMENT CERTIFICATION BY INPS EXCHANGE yield pursuant to art. 46 and 47 of D.P.R. n. 445/2000

I, the undersigned	tax code:	place of
birth	date of birth	sex M/F
residence (city)	provstreet	n
postal code	e-mail address	
to in the competition notice issued by the	cion in the selection to obtain the scholarship financed e INPS and published on the INPS website, aware of her 2000, no. 445 in the case of false or false declaration	the criminal sanctions
	DECLARES	
a) to be		
(as provided for in Article 3, paragraph 2,	of the INPS notice, indicate "the condition of child or	orphan of employee
or pensioner registered in the Unitary M	anagement of Credit and Social Benefits or the pens	sioner user of Public
Employees Management");		
b) to be under the age of 30 at the time of	application for the doctorate;	
c) to be unemployed at the date of publication	tion;	
d) to have submitted, at the University of	Calabria, an application for participation in the compo	etition for admission
to the PhD in Physical Sciences and Techno	ologies, chemical and materials - CYCLE XXXIX A.A.2023	3/2024 for which it is
planned possible allocation of scholarship	financed by the INPS;	
e) not to be enrolled, in the academic year	r 2023/24, in other degree courses, master's, advance	ed courses, graduate
schools and doctorates other than the one	for which you are applying.	
Date	Signature	