



THE RECTOR

HAVING REGARD TO	the Statute of the "Link Campus University", published in the "Gazzetta Ufficiale della Repubblica Italiana" - General Series No. 297 of December 15, 2021;
HAVING REGARD TO	law n. 168 of May 9, 1989 containing "rules on university autonomy";
HAVING REGARD TO	law n. 241 of August 7, 1990 in the matter of "administrative procedures and right of access administrative documents" and subsequent amendments and additions;
HAVING REGARD TO	law n. 243 of July 29, 1991, on the subject of "operations of legally recognized non-state universities";
HAVING REGARD TO	Ministerial Decree n. 270 of October 22, 2004 containing "rules concerning the didactic autonomy of universities", approved by Decree No. 509 of the Minister of Universities and Scientific and Technological Research on November 3, 1999;
HAVING REGARD TO	law n. 240 of December 30, 2010;
HAVING REGARD TO	Ministerial Decree n. 855 of October 30, 2015, containing the "redetermination of macro-sectors and collective sectors";
HAVING REGARD TO	Ministerial Decree n. 45 of December 14, 2021 on the "regulation regarding the procedures for the accreditation of locations and doctoral courses and criteria for the establishment of doctoral courses by accredited bodies";
HAVING REGARD TO	the University Regulations for PhD programs (D.D. n.05/2022 of May 31, 2022);
HAVING REGARD TO	the National Recovery and Resilience Plan (PNRR) document;
HAVING REGARD TO	Ministerial Decree No. 351 of April 9, 2022;
HAVING REGARD TO	Ministerial Decree No. 352 of April 9, 2022;
HAVING REGARD TO	Ministerial Decree No. 247 of February 23, 2022 on the increase of doctoral fellowships;
HAVING REGARD TO	the resolution of the Board of Directors of Link Campus University of September 15, 2022;

DECREES

Art. 1 – Announcement

1. A public competition is held for the admission to the 38th cycle PhD program in "Tech for good. Technology Transfer, Global Foresight and Sustainable Innovation in Knowledge Ecosystems" at "Link Campus University"; under Ministerial Decree No. 351/2022 and Ministerial Decree No. 352/2022, the competition will award doctoral fellowships as part of the National Recovery and Resilience Plan (PNRR), funded by the European Union (Next Generation EU);
2. Doctoral fellowships are activated within the binding subjects indicated in the aforementioned decrees and in compliance with the eligibility criteria set forth in Art. 7 of Ministerial Decree No. 351 of April 9, 2022 and Art. 6 of Ministerial Decree No. 352 of April 9, 2022. Doctoral programs funded under Ministerial Decree No. 351/22 and Ministerial Decree No. 352/2022 must be started by December 31, 2022.
3. The integrated research lines of the PhD course are indicated in Annex A.
4. The number of doctoral students admitted is 4, of which: 3 founded with fellowships reserved for PNRR PhDs under Ministerial Decree No. 351/2022 (CUP: B84D22001430008); 1 with a co-funded fellowship allocated for innovative doctorates under Ministerial Decree No. 352/2022 (CUP: B84D22001440008);
5. There are no doctoral fellowships with an advanced training and research apprenticeship contract on the specific topic.
6. The course starts on 30/11/2022; the duration is three years.
7. Each place in the competition will be allocated "sub condicione", as it is subject to verification of eligibility for PNRR support by the Ministry, based on the eligibility requirements identified in Ministerial Decree No. 351/2022 and No. 352/2022, respectively.

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Art. 2 – Arrangements for the admission to the course

1. Admission to the course is granted after passing an admission competition that involves the evaluation of qualifications, of a research project and the assessment of English language proficiency.
2. The selection procedure aims at ascertaining the candidate's aptitude toward scientific research.
3. The ranking list will be published on the website of the "Link Campus University", on the page dedicated to PhDs. Said publication has the value of official notification for all legal purposes.

Art. 3 – Requirements for accessing the selection procedure

1. Candidates who meet one of the following requirements can participate in the selection procedure:
 - a) one of the following degrees achieved in Italy: Laurea 'vecchio ordinamento', Laurea specialistica, Laurea magistrale;
 - b) similar academic qualification obtained abroad at an officially recognized academic institution; the qualification will be considered valid if it has been either declared equivalent in accordance with regulations or assessed as suitable by the Selection Board for the sole purpose of accessing the PhD program.
2. Applications may also be submitted by those who will obtain the degree required by the announcement by the date of enrolment in the PhD, under penalty of forfeiture of admission to the course. In this case, the candidates must declare that the attainment of the required degree will take place no later than the date of enrolment in the doctoral course. The admission of these candidates to the selection procedure will be conditional.

In the event that these candidates are found to be suitable, and their placement in the ranking useful, they must submit, under penalty of irrevocable loss of the right to enrol, the certificate relating to the degree obtained abroad, or their relative self-declaration for the degree obtained in Italy, no later than the date of enrolment in the doctoral program.

3. The requirements referred to in the first paragraph, letters a) and b), must be met on the date of the deadline for submission of applications.

Art. 4 – Applications

1. The application must be submitted, under penalty of exclusion, exclusively through means of a certified e-mail to be sent to concorsi.lcu@pec.it from the candidate's own certified e-mail address no later than 19/10/2022; the Application Form must be submitted using the attached template 'Annex B' and following the instructions therein.
2. The application must contain the following data/statements:
 - a) last name, surname, place and date of birth, Tax Code/National ID No., citizenship, address of residence, telephone number(s) and regular e-mail address;
 - b) to possess an adequate knowledge of the Italian language (for non-Italian citizens);
 - c) either the exact name of the achieved qualification, along with the achievement date of the same, the university that awarded it, and the final grade, or the equivalent qualification obtained at a foreign university, along with the date of issuance of the decree declaring its equivalence; (if, at the time of the Application Form's submission, the candidate has yet to obtain the qualification, they must declare that the qualification will be obtained by the deadline set out in this Call for applications, under penalty of exclusion from the selection process and disqualification from any rankings);
 - d) commitment to attend the PhD course full-time according to the procedures set out by the Teaching Body;
 - e) commitment to undertake leave from work, if employed in the public sector;
 - f) to have read the Call for participation;
 - g) the PEC address for the purposes of the competition and express mention of the commitment to promptly communicate any changes of the same;
 - h) to be the author/co-author of the publications (up to 3) listed on the designated sheet of the Application Form for evaluation purposes; for each publication, the relevant identification code (ISSN, ISBN, ISMN) must be provided;
 - i) to have performed the undergraduate educational activities listed on the designated sheet of the Application Form; for each educational activity, the start/end dates and the typology (replacement, additional or exercise) must be specified;
 - j) to have carried out the research activities in national or international research groups listed on the designated sheet of the Application Form; for each activity, the start/end dates must be specified;
 - k) to have served as speaker at the national and international congresses and conferences listed on the designated sheet of the Application Form;
 - l) to possess the language skills indicated in the designated sheet of the Application Form; for each language, the CEFR level, as well as whether a certification was achieved, must be specified; if a certification was achieved, indicate the

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- achievement date and the name of the certification body.
- m) to hold the additional qualifications considered valuable for evaluation purposes (up to 5) listed in the designated sheet of the Application Form;
 - n) to hold the qualifications listed in the curriculum vitae attached to the Application Form;
 - o) declaration, according to articles 46 and 47 of D.P.R. 445/2000, that the publications, the documents and the qualifications attached to the Application Form comply with the originals.
3. Candidates must attach to the Application Form the following documents in PDF format:
- a) the curriculum vitae, dated and duly signed, of their educational and scientific activities; evidence of any publications and qualifications achieved must be included;
 - b) an original research project, dated and duly signed, which has to be consistent with one of the topics indicated in 'Annex A' and has to be developed according to 'Annex C' of this Call for Application; in order to ascertain the candidate's knowledge of the language, the research project must be written in English. The research project must not exceed 15.000 characters in length (spaces and bibliography not included) and it must illustrate: the research topic, the current status of the studies on the subject, the knowledge gap to be bridged, the experimental hypotheses and the methods for achieving them, the expected results and their implications. The originality and relevance of the project must be clearly highlighted, and an essential and updated bibliography (up to 20 titles) must be provided;
 - c) the publications referred to in the previous paragraph 2, letter h);
 - d) the additional qualifications, if any, listed in the designated sheet of the Application Form and deemed valuable for evaluation purposes (up to 5);
 - e) dated and duly signed copy (front and back) of a valid identity document, under penalty of exclusion from the selection procedure;
 - f) dated and duly signed copy (front and back) of the Tax Code/National ID no.; foreign citizens who do not possess such document will be provided with a personal identification code determined by the university;
 - g) proof of payment of € 100.00 as a contribution for participating in the selection procedure. The payment must be made using the following IBAN: IT58P0538703201000002075742, under penalty of exclusion from the selection procedure; the contribution will in no case be refunded;
 - h) candidates with qualifications achieved abroad that have been declared equivalent, must attach to the Application Form the decree declaring the equivalence.
 - i) for the purpose of allowing the Selection Board to declare their eligibility for participation in the PhD course, candidates with qualifications achieved abroad which have not yet been declared equivalent to one of the required Italian degrees, must attach to the Application Form the following documents:
 - I. copy of the academic qualification obtained abroad that is comparable in duration, level and subject area to the Italian qualification allowing access to the course;
 - II. certificate of examinations sustained and related grades (transcript of records), possibly indicating the value scale to which the grades refer;
 - III. Any other documents relevant for the purposes of the declaration of eligibility, if any; (e.g. Diploma supplement, "Dichiarazione di Valore in Loco", issued respectively by the university of origin and/or by Italian Consular Representations abroad, attestation of comparability and verification issued by ENIC_NARIC centers).The aforementioned documents must be attached to the Application Form, under penalty of exclusion from the selection.
 - j) Candidates in the condition referred to in article 3, paragraph 2, of this Call for application, must attach to the Application Form a self-declaration of the examinations sustained specifying the related grades and ECTSs.
4. Applications falling under the following categories will not be considered (and, therefore, the candidate will be excluded from participation in the selection process):
- a) the candidate is not among the subjects referred to in article 3, paragraphs 1 and 2, of this Call for Application;
 - b) the candidate has applied using different methods than those specified in this Call for Application;
 - c) the candidate has submitted the application after the deadline;
 - d) the candidate has not provided a certified e-mail address in their name (with exclusive reference to candidates residing in Italy).

Art. 5 – Selection Board

1. The Selection Board is appointed by the Rector after consultation with the Teaching Body, or the Steering Committee if established; it is made up of at least 3 members, identified among university professors and researchers, including

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nonpermanent ones, belonging to at least one of the macro-sectors consistent with the educational objectives of the PhD course. Preferably, the majority of the Commission should be made up of faculty members from outside the University. The Commission may be supplemented by no more than two experts belonging to public or private research facilities, including foreign ones, provided they are extraneous to the University.

2. The Board may make use, compatibly with the activities to be carried out, of online tools.

Art. 6 – Evaluation of qualifications and of the research project

1. In its first session, the Selection Board shall predetermine the criteria to be used in scoring the qualifications and the research project, in compliance with the principles and guiding criteria set forth in the following paragraphs of this article.
2. The evaluation of qualifications and of the research project provide for the attribution of a maximum score of 100 points according to the following general principles and criteria:
 - a) up to a maximum of 40 points for the qualifications, of which: up to 14 points for the graduation grade (weighted average of grades in the case of undergraduates); up to 4 points for university educational activities; up to 8 points for research activities; up to 4 points for serving as speaker at conferences; up to 6 points for scientific publications; up to 4 points for other academic qualifications and/or professional activities;
 - b) up to 60 points for the research project;
3. A minimum overall score of 70 points (given by the sum of the points obtained for the qualifications and for the research project) is an essential requirement in order to be considered eligible and access the final ranking.
4. The Selection Board, upon the outcome of the evaluation of the qualifications and of the research projects, compiles the final merit rankings of suitable candidates.

Art. 7 – Formation of the merit ranking and assignment of fellowships

1. The candidate who achieves an overall score lower than 70/100 is not considered eligible.
2. In the event of a tie, the youngest candidate prevails.
3. Doctoral fellowships are assigned to candidates at the time of the finalization of the ranking and according to the ranking order.
4. Winners who do not proceed with the enrolment process by the tenth day following the publication of the ranking in the “PhD” section of the website, will be considered as having renounced.
5. Following the renunciation by a candidate resulting in a useful position in the ranking list, the candidate resulting in the next position in the same ranking list shall take over. In this case, his/her enrolment must be completed within the peremptory term of 5 working days from the date that will be indicated in the takeover notice sent by certified e-mail.
6. Any places that may become vacant within one month from the beginning of the first year of the course due to renunciation, are assigned to those who hold a useful position in the merit ranking, according to the order of the same. With regard to the procedures for notifying the takeover, and the deadlines for completing the enrolment, the provisions of the previous paragraph apply.
7. The ranking is valid only in case of either renunciation by the winning candidate(s), or the failure to enroll in the PhD course of the same.

Art. 8 – Terms of the procedure

1. The Selection Board concludes its work in accordance with the legislation.
2. The deeds are approved by Rector’s decree within 7 days of delivery. In the event that irregularities or formal defects are found, the Rector shall refer the deeds to the Selection Board and assign, at the same time, a peremptory deadline for regularization.
3. The Board’s deeds consist of the minutes of the individual meetings; the commission’s judgments expressed for each candidate shall be attached to the minutes.
4. The final report and the ranking list are published in the PhD section of the University website.

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Art. 9 – Enrolment in the PhD course

1. Successful candidates must register by the tenth day following the date of the ranking publication; in regard to the following academic years, candidates must register by the 31st October of each year. The matriculation shall be formalized with the payment of the first instalment of € 500.00, along with current value revenue Stamp and Regional Tax for the right to study; the payment must be made within the above-mentioned deadline, under penalty of forfeiture of the right acquired.
2. Candidates not yet in possession of the admission requirements at the time of the application (if in a useful position in the ranking for the admission to the PhD program), will be granted conditional matriculation. Under penalty of forfeiture of enrolment rights, these candidates must send the documents required according to article 3), by means of a certified e-mail to be sent to concorsi.lcu@pec.it, by the date of enrolment in the PhD.

Art. 10 – Payments

1. Doctoral students are required to pay the current value Revenue Stamp and Regional Tax for the right to study.
2. Doctoral students are required to pay a partial annual fee of € 1,000.00.
3. The annual fee for admission to and attendance of the PhD course is divided into two instalments:
 - a) first instalment of € 500.00 to be paid by the deadline for enrolment (article 9, paragraph 1); in regard to the following academic years, the first instalment has to be paid by the 31st of October of each year. Proof of payment, duly scanned, must be sent by e-mail to dottorato@unilink.it, specifying the reason for payment;
 - b) second instalment of € 500.00 to be paid by the 22nd of December each year.
4. The amounts due for the two instalments must be paid using the following bank details: IT58P0538703201000002075742. Failure to pay one or both instalments (as well as the Revenue Stamp and/or the Regional Tax for the right to study) will result in forfeiture of the right to be admitted onto the doctoral program.

Art. 11 – Fellowships and research budget

1. The annual amount of the PhD Fellowships is equal to of € 16,243.00 gross of social security charges borne by the fellow, as per Ministerial Decree No. 247 of February 23, 2022, and are subject to the INPS social security contribution - Gestione Separata in accordance with current regulations.
2. Fellowships are paid in deferred monthly instalments;
3. Fellowships cannot be combined with other fellowships, regardless of the reasons for which they are granted, except those awarded by national or foreign institutions that can be used to supplement the doctoral student's research activity through periods of stay abroad.
4. In addition to the fellowship, and within the financial resources available in the budget of the accredited subjects under current legislation, each PhD student is ensured a budget for their research activity in Italy and abroad no lower than 10% of the amount of the fellowship itself; in the case of research activities carried abroad, lasting no more than 12 months, and previously approved by the Teaching Body, the budget could reach a maximum of 50% of the amount of the fellowship. If the doctoral student is not evaluated favourably for the purpose of renewing the grant, the unused 10% amount remains at the institution's disposal for the same purposes.
5. Stays abroad may benefit from additional mobility allowances, paid for by the Departments or third parties.
6. In order for the fellowship to be confirmed for the following academic year, the doctoral student needs to comply with the program of activities planned for the previous year, which are verified according to the established procedures, and to maintain full administrative regularity.

Art. 12 – Rights and commitments of PhD students

1. Admission to the PhD course involves an exclusive, full-time commitment. Simultaneous enrolment in more than one degree course of study is allowed in the cases provided for by the regulations in force. Any authorizations to carry out work activities must be issued by the Board, as long as they do not prevent the student from participating in the activities envisaged by the Doctoral Course.
2. In order to be admitted to the following year of the PhD course, all doctoral students undergo an annual verification aimed at ascertaining the completion of the planned activities' program. Ongoing verifications of the activities carried out are also provided. Failure to pass the annual verification implies forfeiture of the doctorate, with the obligation to return the fellowship

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for the current year, if granted.

3. As an integral part of their training, PhD students can carry out tutoring activities for students enrolled in Bachelor's and Master's Degree courses; these tutoring activities are subject to the authorization of the Teaching Body, or of the Steering Committee if established, and do not entail an increase in the amount of the fellowship. Supplementary teaching activities can also be carried out, within the maximum limit of 40 hours for each academic year (article 12, paragraph 3 of Ministerial Decree 226/2021).
4. Employees of the public sector admitted to the PhD courses are entitled, for the normal duration of the course, to the leave of absence provided for by collective bargaining agreements. In regard to personnel under public law, a special leave of absence for study reasons is envisaged, in accordance with the needs of the Administration (pursuant to article 2 of Law no. 476 of August 13, 1984, and subsequent amendments); in this case, and unless explicitly waived, the special leave of absence for study reasons, either with or without allowance, only applies to doctoral students enrolling for the first time in a PhD program, regardless of the disciplinary field.
5. The interventions relating to the right to study provided for by Legislative Decree no. 68 of March 29, 2012, as well as the provisions for parenting leave referred to in Ministerial Decree no. 247 of July 12, 2007 (published in the "Gazzetta Ufficiale" no. 247 of October 23, 2007), do apply to PhD students.
6. The suspension of the PhD course is envisaged in the cases provided for by article 19 of the Regulations of the "Link Campus University" on PhDs.
7. In addition to the obligations provided by the Regulations of the "Link Campus University" on PhDs, as governed by Ministerial Decree no. 351/2022 and Ministerial Decree no. 352/2022, at the time of enrolment the winners undertake to:
 - produce a biannual report indicating the time commitment (broken down into months in a company/on site/abroad, if applicable) and a summary of the main activities carried out;
 - carry out, pursuant to Ministerial Decree No. 351/2022, study and research periods abroad from a minimum of six (6) months to a maximum of eighteen (18) months; carry out, pursuant to Ministerial Decree No. 352/2022, study and research periods in an enterprise from a minimum of six (6) months to a maximum of eighteen (18) months and carry out study and research periods abroad from a minimum of six (6) months to a maximum of eighteen (18) months;
 - ensure compliance with the communication and information requirements of Article 34 of Regulation (EU) 2021/241 by: indicating in the project documentation that the Program is funded under the PNRR, with explicit reference to funding by the European Union and the NextGenerationEU initiative (e.g. using the phrase "funded by the European Union - NextGenerationEU"); carrying the European Union emblem in the project documentation; providing adequate promotion of the Program, also online (through both web and social media), in line with the provisions of the PNRR Communication Strategy;
 - comply with the principle of no significant harm to environmental goals, in accordance with Article 17 of Regulation (EU) 2020/852, and ensure consistency with the PNRR that has been positively evaluated by ECOFIN Council Decision of July 13, 2021.

Art. 13 – Achievement of the PhD title

1. The PhD title is awarded following the positive evaluation of a research thesis that contributes to the advancement of knowledge or methodologies in the chosen field of investigation.
2. The PhD thesis has to be written in Italian or English, or another language if authorized by the Board, and it shall come with a summary, written in Italian and English; a report by the doctoral student on the activities carried out, together with any publications produced during the PhD, shall be attached to the thesis.
3. The thesis, together with the report on the activities carried out during the PhD and any publications, is reviewed by at least two evaluators extraneous to the institution awarding the PhD title; the evaluators shall possess highly qualified experience, and at least one of them shall be a faculty member. Evaluators may also belong to foreign or international institutions. Within thirty days of receipt of the thesis, the evaluators shall make a written analytical judgment, recommending either admission for public discussion or postponement of the thesis' discussion for a period not exceeding six months. After said time period and accompanied by a new written opinion rendered by the evaluators, the thesis is in any case admitted for discussion.
4. The public discussion shall take place before a Commission appointed by the Rector upon the proposal of the Teaching Body, or of the Steering Committee if established. At least two-thirds of the Commission members shall be extraneous to the administrative offices of the course; no more than one-third of the Commission members shall belong to the subjects

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participating in the doctoral program, in accordance with Article 3, paragraph 2, Decree No. 226 of December 14, 2021. In any case, at least two-thirds of the Commission members shall come from academic backgrounds.

5. At the end of the discussion, the thesis - with a motivated written collegial judgment - is either approved or rejected.
6. Within thirty days of the discussion and approval of the thesis, the university will deposit a digital copy of the same in the ministerial database. Subject to the authorization of the Board, or of the Steering Committee if established, parts of the thesis may be made unavailable, in relation to the use of data protected by trade secret and in accordance with the current legislation on the subject. The obligation to deposit the thesis at the Central National Libraries of Rome and Florence remains unaffected.
7. The PhD title is issued by the Rector who, at the request of the interested party, certifies the achievement.

Art. 14 – Treatment of personal data

1. Personal data will be processed according to the provisions of the European Data Protection Regulation no. 679/2016 (GDPR), which provides for the protection of people and other subjects regarding the processing of personal data. The University, as “Data Controller”, will process the personal data provided pursuant to Legislative Decree No. 196 of June 30, 2003, (“Codice Privacy”) and subsequent amendments and additions, as well as article 13 of the GDPR, therefore exclusively for the purposes of the announcement; specific information regarding said purposes can be requested to the Data Protection Officer. Personal data will be subject to processing in compliance with the aforementioned regulations and the confidentiality obligations which inspire the activity of the Data Controller; it will be processed by means of IT tools, on paper, and through any other suitable support; it will be processed in a lawful and correct manner for the purposes indicated in the Call for Application itself and for the possible establishment of an employment relationship between the Parties, in compliance with the security measures provided for by the GDPR. At any time, the interested party may exercise their rights towards the Data Controller. The collected data will be kept for a period of time not exceeding the achievement of the purposes for which they are processed (“Conservation limitation principle”, article 5 of the GDPR) and/or for the time necessary for legal obligations. The verification of the obsolescence of the data stored in relation to the purposes for which they are collected is carried out periodically. The privacy policy of Link Campus University is published on the institutional website, “Privacy Policy” Section.

Art. 15 – Head of the procedure and Secretariat

1. Data Protection Officer: dr. Achille Patrizi.

Art. 16 – Final arrangements

2. For matters not provided for in this announcement, please refer to the current legislation and the University Regulations for the PhD course.
3. Against this deed it is possible to file a judicial appeal, to the Lazio Regional Administrative Court (Rome) within 60 days, or an extraordinary appeal to the President of the Republic, within 120 days.

Rome, September 19, 2022

The Rector
Prof. Carlo Alberto Giusti

ANNEX A

DESCRIPTION AND OBJECTIVES

The increasingly pervasive use of IT and knowledge technologies is altering the rules of post-modern competition, causing a complex transformation of society, businesses, universities, industries, and competitive environments.

The sharp increase in disruptive technological changes introduced by start-ups and innovative small and medium-sized enterprises (whose ambidexterity has completely changed the rules of R&D processes), is pushing all economic, social and institutional actors to develop dynamic capabilities, in order to support the processes of exploration and application of new knowledge, solutions, and technologies. On top of that, there's the need to respond effectively to increasingly complex and diversified social needs. In particular, the growing demands of stakeholders are raising the awareness that a competitive model based solely on maximising production capacity and reducing costs can only generate a temporary advantage. As underlined in the Fair and Sustainable Wellbeing Framework (Bes) promoted by ISTAT, and mentioned in the economic and financial Documents following the approval of Law 163/2016, research and innovation do determine, although indirectly, the overall well-being, as they do underpin social and economic progress. Recalling the United Nations Framework Convention on Climate Change (UNFCCC), the sustainable management of R&D processes and, in particular, technology transfer, can be the main driver of change, giving rise to a new managerial and social paradigm defined in literature as "Sustainable Innovation".

Considering this premise, the PhD course's aim is to examine in depth the main theme represented by the binomial innovation-sustainability, intended as multidimensional expression of interconnected phenomena, thus intrinsically open to multidisciplinary approaches. To this end, the course intends to foster an innovative, international, and interdisciplinary approach, of basic and applied training and research, on the subject of the management of sustainable innovation and the optimisation of technology and knowledge transfer processes between universities, companies, institutions and non-profit organisations.

Professors and researchers belonging to different SDS (Scientific Disciplinary Sectors), together with diversified and integrated cognitive and methodological tools, guarantee the multidisciplinary nature of the course, thus ensuring an adequate approach to a topic that can be addressed from multiple points of view, as pinpointed in the different lines of research that the PhD proposes.

The identified research areas concern aspects of management, corporate finance, statistics, private law, business economics, sociology, political philosophy, computer engineering and management, as well as bio-medical elements relating to the quality of life and the psycho-physical well-being of people.

In particular, five main lines of research are identified:

1. Line of research no. 1 | *Innovation Management in Knowledge ecosystems*
2. Line of research no. 2 | *Sustainable innovation impact assessment*
3. Line of research no. 3 | *Research and Development, Technology transfer and Foresight*
4. Line of research no. 4 | *Collaborative platforms for Sustainability Innovation*
5. Line of research no. 5 | *Sustainable Innovation Governance and Local Economic Development.*

LINES OF RESEARCH

Line of research no. 1 | *Innovation Management in Knowledge ecosystems*

In recent years, the topic of sustainable innovation has drawn the interest of various research fields at international level, gathering matters belonging to different ERC (European Research Council) macro-sectors.

These studies highlight how the reconciliation of economic, social, and environmental aspects in innovation activities is a contributing factor not just to the creation and retention of long-term competitive advantages, when it comes to organisations, but also to the quality of life and well-being of citizens and communities.

In this framework, the PhD intends to foster research projects oriented towards investigating the following topics and areas: the sustainable management of the innovation cycle; the induction and management of innovation processes within enterprises starting from the evolutionary dynamics of knowledge; the effectiveness of new innovation management models oriented to shared value and environmental and social sustainability; the cognitive nature of innovation processes and the perception of enterprises as dynamic knowledge systems (knowledge-based theory); innovation management, both at a strategic and operational level; innovation financing

(formal venture capital, business angel investors, project financing, crowdfunding); the effectiveness of models for analysing the innovation needs of organisations; the impact of knowledge management systems (KMS) on innovation; the creation of Knowledge Innovation Communities (KICs); the development of conceptual frameworks and the validation of strategic market-oriented business design methodologies and tools; user-centred and data-driven innovation of products and services; the employment of new technologies for social needs assessment; the development of new technologies for the promotion of social inclusion, well-being, quality of life, active ageing and the prevention of psycho-physical risks in the workplace.

ERC fields:

- SH1 Individuals, institutions and markets: economics, finance and management;
- PE8 Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering;
- PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems;
- LS7 Diagnostic tools, therapies, and public health: Aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

Line of research no. 2 | Sustainable innovation impact assessment

Swift and unrelenting technological developments, fostered by Information and Communication Technologies (ICT) and the advent of Smart Manufacturing, are causing disruptive social and economic changes. The employment of innovative digital technologies and Internet of Things solutions, both based on automation, data exchange and interconnection in support of industrial processes, allows to boost cooperation and intertwinement of resources along the entire value chain; it pledges to increase productivity and GDP growth and to improve people's well-being and health. At the same time, digital technologies may entail negative externalities that could include increasing economic and wage disparities, worsening working conditions related to labor intensity, energy consumption, and environmental pollution.

In this context, the new concept of Industry 5.0 promoted by the European Commission, aims at drawing attention on the topic of 'sustainable innovation', and it does so by acknowledging that the social role of industry goes beyond employment and skills development, encompassing care and respect for the planet as well as the well-being of the workers standing at the core of the production process.

Considering these premises, the 'Sustainable Innovation' model urges companies to take into account sustainability (environmental, social and financial) when it comes to their R&D processes, from ideas generation to products and services commercialisation. In particular, the issue of assessing and measuring the impact of Key Enabling Technologies on people's well-being and lives is becoming increasingly important for both companies and policy makers.

In view of the growing interest from people, media, and some institutions, and considering the rate and speed at which information are spreading at global level, certification methods are also attracting the attention of researchers, managers and policy makers. A product/ service certified as ethical, sustainable, and innovative, which is produced by a sustainable supply chain becomes potentially more attractive on the market. A certification of sustainability and innovativeness could provide a differentiated chain supply able to influence the behaviour of consumers and users. Such certification could be used to influence the lower levels of the supply chain, thus improving the overall performance of the chain. At the same time, the development of policies and evaluation tools for Green Public Procurement (GPP) is also being studied and discussed.

In line with this framework, this line of research encourages projects oriented towards assessing and estimating the impact of the 'sustainable innovation'. In particular, abiding to the strategic guidelines of the 2030 Agenda for Sustainable Development, it endorses basic and applied research projects aimed at investigating the impact of technological innovation on the 17 Sustainable Development Goals (SDGs), and the 169 targets that substantiate them.

In this context, original research projects with the following cognitive purposes are promoted: the study of the main theoretical-conceptual frameworks developed by the scientific literature for performance measurement; the development and validation of new econometric models able to measure and evaluate the main drivers and impacts of sustainable innovation; the study of new methodologies to assess the circularity of products/processes/services; new technologies for the certification of sustainable innovation (e.g. Blockchain); the development and testing of sustainable and data-driven management approaches (e.g. Big Data Analytics); the

study of new models and standards for financial accounting and non-accounting reporting.

Further research topics include investigation of the following areas: the assessment of the negative externalities of digital technologies on human health; the study of multidimensional models for the development of wearable technological applications aimed at assessing the impact of physical and motor activity on the performance and mental and physical wellbeing of workers; the impact of information technologies and communication networks on health management, prevention of major cardiovascular diseases, promotion of health-oriented lifestyles and active ageing.

ERC fields:

- SH1 Social Sciences and Humanities. Individuals, institutions and markets: economics, finance and management
- SH3 Environment and society: environmental studies, demography, social geography, urban and regional studies
- LS8 Evolutionary, population and environmental biology: evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, prokaryotic biology
- PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems.

Line of research no. 3 | Research and Development, Technology transfer and Foresight

In a knowledge-based economy, technological skills and capacity for innovation play a strategic role.

In order to manage R&D processes, developing a synergistic and relational vision is essential in order to be able to face the major global challenges that have radically transformed the face of our society. At the same time, it is essential to endorse R&D of sustainable, value-creating solutions.

In this framework, this line of research aims at promoting projects oriented towards investigating the drivers and barriers that the implementation of a regenerative economic system faces and towards validating new circular, inclusive R&D models based on the expectations and needs of both users and stakeholders.

In line with the principles of the OECD Frascati Manual, the research will focus on the management of basic and applied research processes, and on experimental development, from scientific research to markets.

Research projects will be promoted in the following areas as well: the role of R&D in promoting growth, competitiveness, employment, inclusion, welfare and health; R&D methods and phases; managerial, financial, cognitive, organisational, cultural and legal drivers of technology and knowledge transfer processes; discoveries, translations and commercial developments of new therapies and solutions to promote human health and well-being; R&D of new diagnostic and therapeutic methodologies; the role of key legal enablers to accelerate the processes of knowledge and technology transfer among and within organizations.

Furthermore, this line of research endorses research projects aimed at studying the key elements and managerial implications of Technology Foresight models, with particular reference to converging technologies enabling the bio-economy, the circular economy and the transition to better resource use patterns.

ERC fields:

- SH1 Social Sciences and Humanities. Individuals, institutions and markets: economics, finance and management
- SH2 Institutions, values, beliefs and behaviour: sociology, social anthropology, political science, law, communication, social studies of science and technology
- PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems
- PE8 Products and process engineering: product design, process design and control, construction methods, civil engineering, energy systems, material engineering

Line of research no. 4 | Collaborative platforms for Sustainability Innovation

In the 2000s, with the advent of the sixth generation of innovation, the future of management literature is marked by the valuable contribution of Chesbrough (2003). Chesbrough introduced the topic of “Open Innovation”, thus anticipating a clear shift from a closed system that prevents contamination with the outside world, to total openness towards the surrounding environment without defining its boundaries or limits. Digital technologies are further transforming innovation processes (from research to the development and commercialisation phases).

In this context, digital and collaborative platforms increasingly represent an alternative for companies, when it comes to adopting sustainable leanings, defining the role of users and consumers in a distributed innovation process.

These platforms provide a disintermediation function with respect to Open Innovation, promoting and facilitating forms of collaborative innovation, supporting R&D projects and intensifying the interactions between the actors in order to explore new solutions. Through collaborative platforms, users can interact, buy products and services, access additional services or participate in co-creation processes, contributing to the wider phenomenon of the so-called ‘collaborative economy’. At the same time, companies can use these tools to facilitate processes of technology transfer, capital raising (crowdfunding), resource optimisation (crowdsourcing), networking and intellectual property rights management.

These types of digital platforms, in particular, are making the process of stakeholder engagement more accessible and sustainable for small and medium-sized enterprises as well, redesigning traditional industrial landscapes towards an eco-systemic perspective.

This line of research will promote original research projects related to the impact of digital transformation on innovation management and the most appropriate tools to promote sustainable, inclusive, resilient and resource-optimised innovation ecosystems.

In particular, research projects in the following areas will be promoted: the impact of open innovation platforms on online technology transfer; the role of open source innovation platforms; digital crowd-engagement platforms to enable user participation and contribution to the achievement of the UN Sustainable Development Goals; open innovation participatory ecosystems; digital open innovation, crowdsourcing, and sustainable business growth; value co-creation with customers and suppliers; collaborative mechanisms associated with technology and knowledge acquisition; the importance of strategic alliances for knowledge and technology transfer; the creation of Collaborative Business Models; advantages and disadvantages of collaborative platforms compared to traditional trade in goods and services; agile Digital Open Innovation tools to accelerate digital transformation of processes and products in health and wellness; the impact of digital open platforms on business model innovation and the creation of more flexible and customisable products and services that generate value.

ERC fields:

- SH1 Social Sciences and Humanities. Individuals, institutions and markets: economics, finance and management
- SH3 Environment and society: environmental studies, demography, social geography, urban and regional studies
- PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems

Line of research no. 5 | Sustainable Innovation Governance and Local Economic Development

During the 20th century, the possibilities offered by the world economy have created far better living conditions and widespread opportunities for prosperity than in previous centuries. Average life expectancy has risen significantly also due to the permanent elimination of once deadly diseases. Technological research and the development of new equipment and machinery have improved the relationship between actual work and physical effort involved. In addition, means of transportation previously unknown or inaccessible to most people have made business connections and human interactions more efficient; together with the widespread availability of computers, mobile phones and the internet, they have led to wider circulation of information and new perspectives in work and everyday life. In spite of the advantages, however, many signs point out the side effects and risks of the established economic system, caused by the modern economic activities and new production means themselves. The economic value chain and the social value chain do not always agree; the debate on the impact of public policies on sustainable innovation as a driver of business growth and territorial development is based on this contradiction.

This line of research aims to promote original research projects in the following areas: local policies and strategies for sustainable development in line with the 2030 United Nations Agenda; public responsibility and smart procurement; participatory processes methods; educational

models, design and delivery of training activities, for adults and group management; open government: actors, models, tools; innovation for growth in smart territorial systems; design of services for a smart community: design thinking and sustainability; smart business models, smart ecosystems, public-private partnerships for the development of innovative services for territories; constraints and opportunities of territorial data management, geographical information, information flows: technologies and tools; Knowledge Management, Open Data, Big Data and Smart Data Platforms at the city-user service; assessment of the impact of public policies for sustainable innovation and industrial companies' performance; social impact finance; the effectiveness of national and international policies on improving companies' performance and the development of new governance models oriented towards "shared value"; the management of social relations with stakeholders and the maximisation of the social and cultural impact of innovation.

ERC fields:

- SH1 Social Sciences and Humanities. Individuals, institutions and markets: economics, finance and management
- SH2 Institutions, values, beliefs and behaviour: sociology, social anthropology, political science, law, communication, social studies of science and technology;
- SH3 Environment and society: environmental studies, demography, social geography, urban and regional studies.
- LS7 Diagnostic tools, therapies and public health: aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

EXPECTED OCCUPATIONAL AND PROFESSIONAL OPPORTUNITIES

The doctorate aims at providing an adequate preparation to carry out professional activities in basic and applied research, also at university level, and highly qualified professional activities in companies and public or private national and international structures/institutions/centers, which deal with aspects related to the management of innovation, sustainability, technology transfer in the fields of economics and statistics, political and social sciences, legal sciences and industrial and information engineering.

Due to its interdisciplinary nature, the doctorate allows the acquisition of transversal scientific knowledge and skills and solid specialist skills; it also allows specific in-depth studies through the possibility of research experience abroad supported by the presence of foreign lecturers in the college.

The training translates into an adequate scientific production.



ANNEX B

The undersigned

Surname _____	Permanent address _____
Name _____	City/Town _____
Date of birth _____	Postal code _____
Place of birth _____	Country _____
Country _____	Mobile Phone _____
Citizenship _____	eMail _____
CF _____	PEC (compulsory) _____

REQUESTS

to be granted participation in the selective procedure for admission to the PhD course referred to in the Call for application issued with Rector's Decree No. _____.

To that end, aware of the criminal liability he/she may incur in the event of a false declaration, pursuant articles 46 and 47 of DPR no. 445/2000,

DECLARES* :

<input type="checkbox"/> To be in possession of the requirements referred to in article 3, paragraph 1, letter a) of the Call for application (Qualification obtained in Italy) University degree: <input type="checkbox"/> Laurea Vecchio Ordinamento <input type="checkbox"/> Laurea Specialistica <input type="checkbox"/> Laurea Magistrale in _____ University _____ achieved on ___/___/_____ final mark _____/110.
<input type="checkbox"/> To be in possession of the requirements referred to in article 3, paragraph 1, letter b) of the Call for application (Qualification obtained abroad) and: <input type="checkbox"/> to have the certificate of equivalence of qualifications issued by _____ on ___/___/_____ (of which a copy is attached to this Application Form). <input type="checkbox"/> to NOT possess the certificate of equivalence of qualifications, thus the documents referred to in article 4, paragraph 3, letter i) are attached to this Application Form.
<input type="checkbox"/> To be in the condition referred to in article 3, paragraph 2, of the Call for application; that he/she will obtain the degree required by the Call for application no later than the date of enrollment in the doctoral program; to have enclosed a self-declaration of the examinations taken on which the grade obtained and relevant ECTSs are specified.
<input type="checkbox"/> To have an adequate knowledge of the Italian language (for non-Italian citizens).
<input type="checkbox"/> To commit to attend the PhD course full-time according to the procedures set out by the Teaching Body.
<input type="checkbox"/> To commit to undertake leave from work, if employed in the public sector.
<input type="checkbox"/> To have read the Call for participation.
<input type="checkbox"/> To commit to communicate in a timely manner any changes of the PEC.
<input type="checkbox"/> To be the author/co-author of the publications listed in Annex "List of publications attached to the application" (up to 3), which consists of no. _____ sheet/s, and that the same publications - attached in PDF format to this Application Form- comply with the original ones.
<input type="checkbox"/> To have actually carried out the university educational activities indicated in Annex "List of university educational activities", which consists of no. ___ sheet/s.
<input type="checkbox"/> To have actually participated in the national and international research groups indicated in Annex "Participation in national and international research groups", which consists of no. ___ sheet/s.
<input type="checkbox"/> To have actually served as speaker at the national and international conferences and conventions listed in Annex "Speaker at national and international conferences and conventions", which consists of no. ___ sheet/s.
<input type="checkbox"/> To possess the language skills indicated in Annex "Language skills", which consists of no. ___ sheet/s.
<input type="checkbox"/> To hold additional qualifications considered valuable for evaluation purposes, listed in annex "Additional documents attached in PDF format", and that the same documents - attached in PDF format to this Application Form - comply with the original ones.
<input type="checkbox"/> To hold the additional qualifications listed in the curriculum vitae, and that the attached documents and qualifications comply with the original ones.

* The choice is made by ticking the box on the left of the item of interest.



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Prot. No. 489 of September 19, 2022
Register Number: Rectoral Decree 947

ATTACHMENTS

- a. Curriculum vitae;
- b. Research project (dated and signed);
- c. Certificate of equivalence of qualifications (if the requirements referred to in article 3, paragraph 1, letter b), of the Call for application are met);
- d. Documents referred to in article 4, paragraph 3, letter i) (if in the requirements referred to in article 3, paragraph 1, letter b) of the Call for application are met and the Certificate of equivalence of qualifications is NOT available);
- e. Self-declaration of examinations sustained along with the relative grades and ECTSs (if the requirements referred to in article 3, paragraph 2, of the Call for application are met);
- f. Scientific publications listed in Annex "List of publications attached to the application" (up to 3);
- g. Additional qualifications listed in Annex "Additional qualifications attached in PDF format";
- h. Copy (front and back, dated and signed) of a valid identity document;
- i. Copy (front and back, dated and signed) of the Tax Code/National ID no.;
- j. Proof of payment of € 100,00 as a contribution for participating in the selective procedure

The undersigned also declares to be informed that the personal data collected will be processed exclusively in the context of the procedure for which they are provided.

Luogo _____, Data _____ Firma _____



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Prot. No. 489 of September 19, 2022
Register Number: Rectoral Decree 947

LIST OF PUBLICATIONS ATTACHED TO THE APPLICATION

no.	Publication Title	Publication Year	Publisher	Identification Code	Type **
1					
2					
3					

* For works accepted for publication and in course of publication, attach the publisher's declaration in PDF format.

** Specify whether article, book chapter, monograph, curation or other.



LIST OF UNIVERSITY EDUCATIONAL ACTIVITIES *

no.	Start/End date	Educational activity	Type	SSD	ECTS	University	Faculty/Course**	Attendance
1	____/____/____ ____/____/____		<input type="checkbox"/> Replacement <input type="checkbox"/> Additional <input type="checkbox"/> Exercise				F..... C.....	<input type="checkbox"/> In Class <input type="checkbox"/> OnLine *** <input type="checkbox"/> Other
2	____/____/____ ____/____/____		<input type="checkbox"/> Replacement <input type="checkbox"/> Additional <input type="checkbox"/> Exercise				F..... C.....	<input type="checkbox"/> In Class <input type="checkbox"/> OnLine *** <input type="checkbox"/> Other
3	____/____/____ ____/____/____		<input type="checkbox"/> Replacement <input type="checkbox"/> Additional <input type="checkbox"/> Exercise				F..... C.....	<input type="checkbox"/> In Class <input type="checkbox"/> OnLine *** <input type="checkbox"/> Other
4	____/____/____ ____/____/____		<input type="checkbox"/> Replacement <input type="checkbox"/> Additional <input type="checkbox"/> Exercise				F..... C.....	<input type="checkbox"/> In Class <input type="checkbox"/> OnLine *** <input type="checkbox"/> Other
5	____/____/____ ____/____/____		<input type="checkbox"/> Replacement <input type="checkbox"/> Additional <input type="checkbox"/> Exercise				F..... C.....	<input type="checkbox"/> In Class <input type="checkbox"/> OnLine *** <input type="checkbox"/> Other

* If the available rows are not sufficient, use the sheet several times by placing a progressive numbering in the field at the bottom of the document; if the sheet was sufficient, that is not necessary.

** In addition to the faculty, indicate the degree course, the master's degree, the specialization or doctoral course to which the teaching pertained.

*** By 'OnLine' we mean an educational activity that does not include any compulsory in class and/or workshop activity; for courses that include both online and in-class/workshop activities, tick "other".

For activities carried out abroad, it is necessary to attach a suitable documentation copy.



PARTICIPATION IN NATIONAL AND INTERNATIONAL RESEARCH GROUPS *

no.	Start/End date	Research Group	National / International	Institution	Role
1	___/___/___ ___/___/___		<input type="checkbox"/> National <input type="checkbox"/> International		
2	___/___/___ ___/___/___		<input type="checkbox"/> National <input type="checkbox"/> International		
3	___/___/___ ___/___/___		<input type="checkbox"/> National <input type="checkbox"/> International		
4	___/___/___ ___/___/___		<input type="checkbox"/> National <input type="checkbox"/> International		
5	___/___/___ ___/___/___		<input type="checkbox"/> National <input type="checkbox"/> International		

* If the available rows are not sufficient, use the sheet several times by placing a progressive numbering in the field at the bottom of the document; if the sheet was sufficient, that is not necessary.

For activities carried out abroad, it is necessary to attach a suitable documentation copy.



SPEAKER AT NATIONAL AND INTERNATIONAL CONFERENCES AND CONVENTIONS *

no.	Year	Place	Event Title	Report Title	National / International	Institution
1	____/____/____ ____/____/____				<input type="checkbox"/> National <input type="checkbox"/> International	
2	____/____/____ ____/____/____				<input type="checkbox"/> National <input type="checkbox"/> International	
3	____/____/____ ____/____/____				<input type="checkbox"/> National <input type="checkbox"/> International	
4	____/____/____ ____/____/____				<input type="checkbox"/> National <input type="checkbox"/> International	
5	____/____/____ ____/____/____				<input type="checkbox"/> National <input type="checkbox"/> International	

* If the available rows are not sufficient, use the sheet several times by placing a progressive numbering in the field at the bottom of the document; if the sheet was sufficient, that is not necessary.

For activities carried out abroad, it is necessary to attach a suitable documentation copy.



LANGUAGE SKILLS *

no.	Language	CEFR Level	Certification	<i>(if a certification was achieved)</i> Achievement date and certification body
1			<input type="checkbox"/> Y <input type="checkbox"/> N	
2			<input type="checkbox"/> Y <input type="checkbox"/> N	
3			<input type="checkbox"/> Y <input type="checkbox"/> N	
4			<input type="checkbox"/> Y <input type="checkbox"/> N	
5			<input type="checkbox"/> Y <input type="checkbox"/> N	

* If the available rows are not sufficient, use the sheet several times by placing a progressive numbering in the field at the bottom of the document; if the sheet was sufficient, that is not necessary.

For activities carried out abroad, it is necessary to attach a suitable documentation copy.



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Prot. No. 489 of September 19, 2022
Register Number: Rectoral Decree 947

ADDITIONAL QUALIFICATIONS ATTACHED IN PDF FORMAT

no.	Description	No. of pages
1		
2		
3		
4		
5		

Use this form to list all the qualifications considered relevant for evaluation purposes.



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Prot. No. 489 of September 19, 2022
Register Number: Rectoral Decree 947

ANNEX C

RESEARCH PROJECT OUTLINE

Candidate's full name: _____
Degree achieved/University: _____
Research project title: _____

Abstract

Please provide a brief overall summary of your proposed research project.
Max 1.000 characters, spaces excluded.

Presentation of the research project

Briefly introduce the chosen research topic, the context and the scientific debate in which it is set, highlighting its relevance and originality. Briefly introduce the macro-objectives of the hypothetical research and explain its contribution to the advancement of scientific knowledge in relation to the state of the art of the chosen topic.
Max 2.000 characters, spaces excluded.

Literature review and scientific basis

Set out in detail the state of the art of the chosen research topic, including precise bibliographic references. Reconstruct the main theories and scientific results of research related to the topic under study. Examine the most up-to-date literature on the topic and make clear, from the literature review, the research gap that the proposed project intends to fill.
Max 5.000 characters, spaces excluded.

Objectives and hypotheses of the research project

Present in detail the proposed research design and the research hypotheses underlying the project. Clearly define the research problem, its cognitive objectives and hypotheses in a way that is strictly consistent with the analysis of the literature review presented and with the research "gap" that has emerged.
Identify, as far as possible, the hypothesised variables that are most relevant to the operational implementation of the research. Explain clearly how you intend to fill the gap that emerged from the literature review through the results of the proposed project.
Max 2.500 characters, spaces excluded.

Hypothesis for the development of the project: methodologies, intermediate stages, tools to be used

Present a hypothesis for the development of the proposed research project, also in terms of time, indicating the hypothesised methods of investigation, the chosen methodologies of investigation, the types of empirical tests to be carried out, the type of data and sources to be used, the intermediate stages of development, the tools to be used in order to verify the research hypotheses and achieve the expected scientific results.
Max 2.500 characters, spaces excluded.

Expected scientific results

Describe briefly what contribution the research could make to the scientific debate, highlighting the profiles of originality of the expected results and their evaluation in relation to the state of the art of the chosen research topic. Explain in detail what practical implications the expected results might have in relation to the chosen line of research. Clearly explain the originality and relevance of the proposed research.
Max 2.000 characters, spaces excluded.

Essential bibliography

Insert the essential bibliography to be consulted in APA Style, consistent with the expected literature review and studies in the chosen topic. Indicate the most recent and innovative contributions on the topic.
Max 20 titles.