



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Area
Risorse Umane

Servizio Carriere e Concorsi
Personale Docente e Ricercatori

*Dati desumibili dalla registrazione a protocollo:
Numero Repertorio, Numero Protocollo, Titolo,
Classe Fascicolo Allegati e Riferimenti*

CHANCELLOR DECREE

SC/ib/eb/mz

PUBLIC SELECTION PROCEDURE FOR NO. 7 FIXED-TERM RESEARCHERS IN ACCORDANCE WITH ART. 24, PARA 3, LETTER A) OF LAW NO. 240 OF 30.12.2010, IN THE PREVIOUS TEXT TO THE AMENDMENTS REFERRED TO IN ART. 14 OF D.L. 30/04/2022 NO. 36 AT VARIOUS DEPARTMENTS AT THE UNIVERSITY OF BERGAMO – PICA CODE 25RTDA002.

THE CHANCELLOR

HAVING CONSIDERED Law 7.8.1990, no. 241 as amended and supplemented "New rules on administrative procedure";
HAVING CONSIDERED the D.P.C.M. 07.02.1994, no. 174 "Regulation about rules on the access of citizens of the Member States of the European Union to jobs in public administrations";
HAVING CONSIDERED the D.M. 04.10.2000 "Scientific-disciplinary sectors" as amended and supplemented;
HAVING CONSIDERED D.P.R. 28.12.2000, no. 445 "Consolidating act on legislative and regulatory dispositions in terms of administrative documents" as amended and supplemented;
HAVING CONSIDERED the D.Lgs. 30.03.2001, no. 165 "General rules on the organization of work employed by public administrations";
HAVING CONSIDERED Law 15.4.2004, no. 106 containing "Norms relating to the legal safekeeping of documents with cultural interest destined to public use";
HAVING CONSIDERED D.P.R. 3.5.2006, no. 252 "Regulations relating to the legal safekeeping of documents with cultural interest destined to public use";
HAVING CONSIDERED D.Lgs. 11.4.2006, no. 198 rules in terms of equal opportunities for men and women;
HAVING CONSIDERED Law 30.12.2010, no. 240 regulating "Norms in terms of organization of universities, of academic personnel and their recruitment, as well as mandate to the Government to subsidize quality and efficiency of academic systems", in particular art. 24 "Researchers with a fixed term contract", in the previous text to the amendments referred to in art. 14 of D.L. 30/04/2022 no. 36;
HAVING CONSIDERED MIUR Ministerial Notice prot. no. 2330 of 20.04.2011;
HAVING CONSIDERED D.M. no. 243 of 25.5.2011 regulating criteria and parameters for the preliminary evaluation of candidates in public selections of contract addressees as per s. 24 of Law no. 240 of 30.12.2010;
HAVING CONSIDERED Law 12.11.2011, no. 183 (Financial Act 2012) and, especially, its s. 15 holding instructions in terms of certifications and sworn declarations/affidavit;
HAVING CONSIDERED the D.P.R. 15.12.2011, no. 232 "Regulation for the discipline of the remuneration of university professors and researchers, pursuant to article 8, paragraphs 1 and 3 of the law of 30 December 2010, n. 240";
HAVING CONSIDERED the D.L. 9.2.2012, no. 5 "Urgent dispositions in matter of simplification and development" later converted with amendments by Law 4.4.2012, no. 35;
HAVING CONSIDERED the D. Lgs. 29.03.2012 no. 49 "Discipline for the planning, monitoring and evaluation of budget and recruitment policies of universities, in implementation of the delegation provided for by article 5, paragraph 1, of law no. 240 and for the achievement of the objectives set out in paragraph 1, letters b) and c), according to the regulatory principles and directive criteria established in paragraph 4, letters b), c), d), e) and f) and paragraph 5";



HAVING CONSIDERED Law 23.11.2012, no. 215 containing provisions in terms of equal opportunities in the composition of contest commissions at public bodies;

HAVING CONSIDERED the Ministerial Decree of 30 October 2015, No. 855 "Restatement of macro and bankruptcy sectors" and Ministerial Decree of 22 June 2016, No. 494 of rectification of Annex D of the Ministerial Decree 855/2016;

HAVING CONSIDERED the D.M. n. 639 of 2nd of May 2024 containing the "Determination of the scientific-disciplinary groups and the related declarations, as well as the rationalization and updating of the scientific-disciplinary sectors and the attribution of the latter to the scientific-disciplinary groups, pursuant to art. 1, of law 30 December 210 n. 240, published on Gazzetta Ufficiale no. 107 on May 9th, 2024;

HAVING CONSIDERED that, starting from the date of adoption of Ministerial Decree no. 639/2024, references to the academic recruitment fields and the groups of academic recruitment fields refer to the Academic discipline groups;

HAVING CONSIDERED the UE Regulation 2016/679 and the Legislative Decree 30 June 2003 no. 196 "Code on the protection of personal data" as amended and supplemented;

HAVING CONSIDERED the D.P.C.M. 23rd July 2024 "Salary adjustment for non-contractual staff starting", published on Gazzetta Ufficiale no. 200, 27th August 2024;

HAVING CONSIDERED the D.L. 30.04.2022, no. 36 "Additional urgent measures for the implementation of the National Recovery and Resilience Plan (PNRR)", converted into law, with amendments, by art. 1, para 1, law 29 June 2022, no. 79, in particular art. 14, para 6-quinquiesdecies, pursuant to which "Without prejudice to the possibility of resorting to financing, even partial, of the research contracts referred to in article 22 of law no. 240, as replaced by paragraph 6-septies of this article, on the basis of the resources of the National Recovery and Resilience Plan, for the 36 months following the date of entry into force of the law converting this decree, universities may call for procedures for the recruitment of fixed-term researchers pursuant to article 24, paragraph 3, letter a), of law no. 240, in the text in force before the date of entry into force of the law converting this decree, in implementation of the measures envisaged by the same Plan, as well as those envisaged by the National Research Program (PNR) 2021-2027".

HAVING CONSIDERED the Statute of the University of Bergamo published with Chancellor Decree Rep. no. 570/2023 on the 1st August 2023;

HAVING CONSIDERED Athenaeum's Regulations determining the procedures for employment of university researchers in accordance with Law 240/2010 dispositions, published with Chancellor decree Rep. 424/2012 of 1.10.2012 as amended and supplemented;

HAVING CONSIDERED the University regulations for research integrity and ethics, enacted with D.R. deed No. 387/2016 of 18th of July 2016;

HAVING CONSIDERED The Athenaeum's Ethic Code published with Chancellor Decree protocol no. 14405/I/3 of 19.7.2011, as amended with Chancellor Decree Rep. no. 262/2018, of 12.04.2018;

HAVING CONSIDERED current legislation regulating the legal and economic status of academic and research staff at Universities;

HAVING CONSIDERED the request for the covering of no. 7 fixed-term researcher positions in accordance with art. 24, para 3, letter a) of law 240/2010, in the previous text to the amendments referred to in art. 14 of D.L. 36/2022, approved by the:

- Selection Codes Nos. 1 and 2: Department of Management, Information and Production Engineering (sessions of October 28, 2024 and January 16, 2025);
- Selection Codes Nos. 3 and 4: Department of Engineering and Applied Sciences (meeting of January 15, 2025);
- Selection Code No. 5: Department of Management (meeting of December 04, 2024);
- Selection Codes Nos. 6 and 7: Department of Economics (sessions of December 06, 2024 and January 21, 2025);

HAVING ACKNOWLEDGED That by resolutions of the Board of Directors of November 13, 2024, subject to the favorable opinion of the Academic Senate at its meeting on November 11, 2024, for the procedure marked by selection code No. 1; of the Board of Directors of



December 17, 2024, subject to the favorable opinion of the Academic Senate at its meeting on Monday, December 16, 2024, for the procedures marked by selection codes Nos. 5 and 6; of the Board of Directors of February 26, 2025, subject to the favorable opinion of the Academic Senate at its meeting on Monday, February 24, 2025, for the procedures marked by selection codes Nos. 2, 3, 4 and 7, the scheduling of the positions requested by the Departments was approved and the issuance of the notice was authorized, subject to ascertaining its relevance to the implementation of the measures provided for in the same National Recovery and Resilience Plan (NRP), as well as those provided for in the National Research Program (NRP) 2021-2027;

HAVING CONSIDERED the budget forecast for the year 2025 and the three-year budget for the period 2025-2027 approved by resolution of the Board of Directors of 17 December 2024 and financial availability having been verified;

HAVING ASCERTAINED the necessary funding from budget funds for procedures marked with selection codes Nos. 1, 4, 5 and 7;

HAVING ASCERTAINED the financial coverage of 112,000 euros from the funds of the project PIRO_F_24_RI_HE_C_PSS-PASS_01 and 56,000 euros, from the project SMART MANUFACTURING 2020" CTN01_00163_216744-Cluster", code POLIMIPINTOCLUSTER20, for the procedure marked with selection code No. 2;

HAVING ASCERTAINED the financial coverage from Euro 75,000 from the agreement signed with the National Institute of Nuclear Physics (INFN) as approved by the Board of Directors at its meeting on September 17, 2024, subject to the favorable opinion of the Academic Senate at its meeting on September 16, 2025 and Euro 90. 000 from University funds allocated to DISA year 2024 for departmental research grants to be transferred by budget variation to the accounting account 04.43.08.04 "Fixed-term researchers" of the budget allocated to the Human Resources area, by order of the Director General pursuant to the AM.FI.CO Regulations, for the procedure marked with selection code No. 3;

HAVING ASCERTAINED the financial coverage with reference to DM 1558 of 11.10.2022 - decree of admission to the funding of the Extended Partnership "GRINS - Growing Resilient, Inclusive and Sustainable," PNRR M4C2 Investment 1.3, and for €135,333.33, from the University budget with the use of the resources allocated for the year 2025 to the Department of Economics for the procedure marked by selection code No. 6;

HEREBY DECREES

Section 1

Announcement of the selection procedure

The public selection procedure is announced at the University of Bergamo for the covering of no. 7 fixed-term researcher positions in accordance with art. 24, para 3, letter a), of Law 240/2010, in the previous text to the amendments referred to in art. 14 of D.L. 36/2022, and with current Athenaeum's Regulations on that matter:

➤ **DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING**

SELECTION CODE: No. 1

Positions: no. 1

Academic discipline group: 09/IIND-03 – Industrial Design, Machine Construction and Metallurgy

Academic discipline: IIND-03/B – Design Methods for Industrial Engineering

Research program: the research activity concerns topics characterizing the IIND-03/B sector. The candidate will have to develop innovative methodologies for the virtual prototyping of the product and the human body, the acquisition and modeling of anatomical districts also through image processing and applying artificial intelligence techniques, postural analysis and motion capture in the industrial and medical fields, also for ergonomic assessments. Furthermore, solutions will have to be



developed in the context of the Patient Digital Twin including the modeling and simulation of medical devices, such as prostheses and orthoses, and their interaction with the human body. The planned activity also includes design for additive manufacturing and the application for research purposes of innovative and relevant technologies also in the medical sector. The activities must lead to publications in indexed international scientific journals.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: the teaching commitment involves lectures and exercises in courses of the IIND-03/B SSD for the bachelor degree course in Mechanical Engineering, Engineering for Health Technologies and in the master degree courses in Mechanical Engineering, Smart Technology in Engineering, Medical Engineering and Engineering Management for Health. An integrative teaching activity is also planned to support the Industrial Technical Drawing courses. Tutoring and assistance activities will also be carried out for internships and students for bachelor and master degree theses.

Commitment: full time.

Service location: Dalmine.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: english.

➤ **DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING**

SELECTION CODE: No. 2

Positions: no. 1

Academic discipline group: 09/IIND-05 – Industrial Mechanical Plants

Academic discipline: IIND-05/A – Industrial Mechanical Plants

Research program: the researcher is expected to conduct research in the area of Product-Service System (PSS) engineering and assessment, with particular reference to the concept of Digital Product Passport in the context of PSS. During the research, conducted mainly within the Horizon Europe project "Methods and Tools Supporting Digital Product Service System Passport" (PSS-Pass) – Grant Agreement No. 101177594 (CUP F53C24000650005), a framework aimed at defining, developing and updating the Digital Product Service System Passport (DPSSP) will be developed. The framework will aim to collect and use data about the product and its associated services, considering the different phases of the life cycle (beginning of life, middle of life, end of life). Integrating product knowledge with data related to performance and services delivered during the life cycle will help optimize the use and/or design of similar products/services or assess the environmental and economic sustainability of service-based business models. In addition, the research involves validating the theoretical framework developed in industrial setting with a focus on companies supplying household appliances, industrial plants and in the textile industry.

These research topics require knowledge of methodologies and tools for sustainability assessment of product-service systems and quantitative process modeling and simulation techniques.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: the total annual commitment for the teaching, supplementary teaching and student service activities is 350 hours for the full-time contract. The researcher will carry out teaching activities in the framework of the courses of the sector IIND-05/A active at the School of Engineering.

Commitment: full time.

Service location: Dalmine.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: english.

➤ **DEPARTMENT OF ENGINEERING AND APPLIED SCIENCES**



SELECTION CODE: No. 3

Positions: no. 1

Academic discipline group: 09/IINF-01 - Electronics

Academic discipline: IINF-01/A - Electronics

Research program: the researcher will carry out his activity in the development of new integrated electronic systems for the readout of particle detectors, for applications to research in nuclear and subnuclear physics.

In particular, the work will concentrate on front-end electronics for strip and pixel silicon sensors and will focus on two fundamental lines. The first line of research involves the study and implementation of pixel sensors front-end electronics for a new generation of detectors in imaging applications. The activity will focus on the design of the electronic circuits integrated in the pixels and will have to develop solutions that improve the performance of existing devices in terms of spatial resolution and power dissipation in view of the application to future experiments or upgrades of detectors with emphasis on the ability to adapt to beams operated in continuous mode. The researcher will have to design and test CMOS pixel prototypes with front-end circuits capable of processing the charge collected by the sensor, amplifying the signal and filtering the noise. Blocks for analog-to-digital conversion and for the readout logic of the pixel matrix must also be integrated in the pixel electronic cells.

The second line of research involves the construction of a new microelectronic system for the readout of Silicon-Lithium strip sensors used in the detection of anti-deuteron particles from cosmic rays for the General AntiParticle Spectrometer (GAPS). This front-end integrated circuit, developed in a 65 nm CMOS technology, must meet very stringent requirements in terms of electronic noise and ability to operate on a very wide dynamic range of signals coming from the detector. A microelectronic circuit with 32 analog channels will have to be designed with a preamplifier that realizes the compression of the signal dynamic range, a shaping filter, a discriminator and a high accuracy "sample & hold" circuit. The integrated circuit must therefore be characterized, also after its connection with the sensors, in view of the realization of the GAPS instrument.

This research program requires an advanced knowledge of the theory and techniques for the processing of signals from capacitive sources, of the use of aggressively scaled microelectronic technologies in the design of low-noise analog circuits, of the techniques for the integration of analog blocks in mixed-signal integrated circuits. Moreover, the program requires the knowledge of the experimental techniques and of the instrumentation for the measurement of noise in microelectronic devices and circuits.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: the teaching tasks will be relevant to basic and advanced courses belonging to the IINF-01/A - Electronics sector, specifically in the fields of electronic instrumentation, of sensors and of the design of analog electronic circuits, in the frame of several programs managed by the School of Engineering, such as the Bachelor's and Master's Degree programs in Mechanical Engineering and Computer Engineering, and the Bachelor's degree in Electronics and Automation Engineering Technology.

Commitment: full time.

Service location: Dalmine.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: english.

➤ **DEPARTMENT OF ENGINEERING AND APPLIED SCIENCES**

SELECTION CODE: No. 4

Positions: no. 1

Academic discipline group: 09/IIND-02 - Applied Mechanics

Academic discipline: IIND-02/A - Applied Mechanics



Research program: the research activity concerns the scientific and cultural aspects inherent to the study of mechanical systems, machines, their components and structures. The research activity must be approached with a unifying systems approach, through the methodologies of theoretical, applied and experimental mechanics, resulting in technological and industrial application. In particular, the research activity will concern mechanical and mechatronic devices, mechanisms, transmissions and drives, automatic machines and robotic systems, vehicles, conventional and autonomous transport systems, lifting systems, biomechanical systems, components and systems on a micro and nano scale. The research activity also includes vibrational, vibroacoustic and tribological phenomena, mechatronics, fluid-structure interactions, monitoring, diagnostics and prognostics of mechanical systems, fluid automation and robotics, functional biomechanics.

Scientific productivity objectives: Publication of scientific articles in indexed journals and participation, as a speaker, in national and/or international conferences; development of numerical algorithms and calculation codes; deposit of patents.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: teaching and educational activities concerning the characteristic themes of the disciplinary field of Applied Mechanics (09/IIND-02).

Commitment: full time.

Service location: Dalmine.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: english.

➤ **DEPARTMENT OF MANAGEMENT**

SELECTION CODE: No. 5

Positions: no. 1

Academic discipline group: 13/ECON-06 – Business Administration, Accounting & Performance Measurement

Academic discipline: ECON-06/A – Business Administration, Accounting & Performance Measurement

Research program: the activities to be carried out by the researcher are linked to the development of a research project addressing the following topics related to the National Research Program 2021-2027: digital transition, green and circular economy that will be developed in relation to governance, administration, and control systems of entities. The research activities align with the field of Business Economics, as defined by the scientific-disciplinary sector description. The candidate must have publications in national and international journals and actively participate in the scientific debate at academic conferences, both nationally and internationally. Demonstrated ability to adopt both quantitative and qualitative research methodologies consistent with those widely used in top-tier international scientific journals is also required. The research topics are fully aligned with the objectives of the National Research Program (PNR) 2021-2027, particularly in the area of Business Economics.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: the total annual commitment for teaching, complementary teaching, and student support activities is 350 hours for a full-time position. The researcher must carry out the activity plan defined annually by the Academic Senate and the Department during the teaching program planning. The teaching activities will involve courses within the business area, also taught in English, in both undergraduate and graduate programs under the Department of Management, included in the competitive sector 13/ECON-06 – Business Economics. The researcher will also contribute to complementary and student support activities and assist with final examination preparations for bachelor's and master's degrees. Organizational tasks within the



Department of Management and its associated degree programs may also be assigned.

Commitment: full time.

Service location: Bergamo.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: knowledge of the English language will be assessed.

➤ **DEPARTMENT OF ECONOMICS**

SELECTION CODE: No. 6

Positions: no. 1

Academic discipline group: 13/ECON-02 – Economic Policy

Academic discipline: ECON-02/A – Economic Policy

Research program: in recent years, a series of disruptive and unexpected shocks, such as the Great Recession, the Covid pandemic and the energy crisis following the war in Ukraine, have profoundly affected not only the organization and functioning of markets but also households. These events have led to new forms of poverty and social inequality (e.g., linked to access to technology and skills for remote education or the ability to work from home). The impact of these shocks, combined with ongoing structural changes (such as population aging, technological advancement and robotization, and environmental issues), calls for new measures to address inequalities, enhance the resilience of families to adverse shocks, and foster sustainable growth.

In this context, the research program focuses on two main themes:

1. The role of climate change in influencing household wealth through its effects on housing prices. The objective of this research area is to analyze the impact of extreme weather events (such as landslides and floods) on housing prices, depending on their characteristics. The aim is to determine whether and how this channel contributes to explaining the evolution of economic inequalities among households.

2. The determinants of academic success. Specifically, the research seeks to study which factors at the start of a university career most significantly influence the risk of early dropout, and which teacher characteristics, including the similarity between their research interests and the courses they teach, affect the likelihood of graduation or achieving a high final grade.

Both research lines will involve:

- Statistical-econometric analysis of survey or administrative data (particularly related to university students' academic careers);
- Development of indicators to support the AMELIA database within the GRINS project;
- Application of counterfactual estimation techniques to identify causal effects;
- Teamwork skills and close coordination with research groups from other Italian universities.

Prior knowledge or experience in applying machine learning or Natural Language Processing (NLP) techniques will be considered a favorable factor in evaluation.

This project is therefore consistent with the themes relating to the National Research Program (PNR) 2021-2027 and specifically within the domain of "Humanistic culture, creativity, social transformations, and inclusive society".

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: teaching activities will be assigned within the limits permitted by law and university regulations. Within the part of the contract covered by PNRR GRINS project's funds, the above mentioned teaching activity will be assigned in accordance with the practices applied to RTD a) positions hired under the PNRR projects.

Commitment: full time.

Service location: Bergamo.

Maximum number of publications: 12.



Oral examination to ascertain the knowledge of the language: english language.

➤ **DEPARTMENT OF ECONOMICS**

SELECTION CODE: No. 7

Positions: no. 1

Academic discipline group: 13/STAT-01 - Statistics

Academic discipline: STAT-01/B - Statistics for Experimental and Technological Research

Research program: the researcher will carry out research activities at the Department of Economics in the fields pertaining to SSD STAT-01/B - 'Statistics for Experimental and Technological Research' and on topics related to the Grandi Ambiti di Ricerca "Clima, energia, mobilità sostenibile" e "Sicurezza per i sistemi sociali" identified by Programma Nazionale per la Ricerca 2021-2027. Specifically, the researcher will develop the statistical methodology, models and estimation techniques to be applied to spatio-temporal datasets (including multivariate datasets) whose analysis is fundamental for understanding complex climate and environmental phenomena with a strong social impact. The methodology and models must be flexible enough to be used for the analysis of large datasets acquired through monitoring networks, satellite instruments and Internet of Things networks linked to citizen science initiatives.

Proven competence of the candidate in statistical data analysis and a demonstrated ability to adopt appropriate and innovative quantitative research methodologies are required. Proven skills in software development, in particular in the R and MATLAB languages, and in the use and management of Linux computing machines are also required.

Didactic activities provided for by the contract, including integrative and service didactics to students, and research activity characteristics: the researcher will carry out his teaching activities within the framework of the SSD STAT-01/B courses held at the Department of Economics and at the School of Engineering, in compliance with the regulations in force and the University Regulations, as determined by the competent bodies. The teaching activity will focus in particular on the teaching courses concerning the analysis of time series, the analysis of spatial and spatio-temporal data and statistical learning techniques.

Commitment: full time.

Service location: Bergamo.

Maximum number of publications: 12.

Oral examination to ascertain the knowledge of the language: english language.

Section 2

Requirements for attending the selection

The following candidates, including citizens of Countries outside the European Union, are admitted to the selection procedure:

- those holding a research PHD (or equivalent) achieved either in Italy or abroad.

For qualifications obtained abroad it necessary to provide a copy of the declaration of equivalence (statement of equipollence decree), in accordance with current legislation on the subject. The candidate who is not already in possession of the declaration of equivalence of the PhD obtained abroad can apply to the University of Bergamo for the equalization of the training course and the release of the final parchment through the instructions published at the following link: <https://www.unibg.it/internazionale/destinazione-unibg/riconoscimento-dottorati-ricerca-conseguiti-allestero>.

The University of Bergamo can recognize a PhD degree just in case of relevance to the ones already active at the University of Bergamo or, otherwise, the candidate will be entitled to choose the location for the other PhD degrees offered by Italian universities.



The application for participation must necessarily be accompanied by a certificate of submission of this application. During the pending completion of the aforementioned procedure, the candidate is admitted to the selection with reserve. It will be the candidate's responsibility to subsequently verify the qualification by requesting the "Attestation of Comparability" from CIMEA (Academic Equivalence Mobility Information Centre), by registering on the Centre's website.

If the candidate turns out to be the winner at the outcome of the competition, he will be invited to present the declaration of equivalence within the terms established by the law before the conclusion of the contract (cfr Art. 11).

The following candidates will not be admitted to the selection procedure:

- those who have previously been hired on a long-term as first or second level professors or researchers, even if no longer in service;
- those who are excluded from enjoying civil and political rights;
- those who were removed or discharged from office by any Public Body for insufficient yield, or were dismissed from any other public engagement, in accordance with s. 127 para d) of D.P.R. 10.1.1957, no. 3;
- candidates having any relationship or kinship, up to and including three times removed relatives, either with a professor belonging to the Department issuing the call or with the Chancellor, the General Director and any member of the Board of Directors at the Athenaeum.
- those who were contracted as research fellow or fixed-term researcher as per ss. 22 and 24 of Law 240/2010 at the University of Bergamo or other Italian public, private or online Athenaeums, as well as any other Body indicated in para 1 of s. 22 of Law 240/2010 for a length of time which, if summed to the duration of the contract in the announcement, exceeds 12 years in total, albeit not consecutive; periods of time spent on maternity or sick leaves do not count to the purpose of the duration of the aforementioned relationships, in accordance with current Laws.

The requirements needed to obtain admission must be owned up to the deadline of the application submission period.

This Administration guarantees parity and equal opportunities to both men and women for access and treatment on the job.

Section 3

Comparative evaluation disqualification

The following reasons cause disqualification:

- failure to sign the application form;
- lack of admission requirements referred to in s. 2;
- failure to meet the deadline and procedures for submitting the application as mentioned under the following section no. 4;
- sending a number of publications higher than the requested number.

The candidates may be admitted subject to verification in case of supplementary investigation requirements; in this case, they are asked to regularize their application within the terms peremptorily assigned.

The Administration may decide, at any moment, the exclusion of candidates lacking one of the requirements needed for this announcement; the exclusion will be declared by chancellor decree and delivered to the person concerned by registered mail with return receipt or equivalent.

Section 4

Application procedure and submission deadline

Applications for participation in the competition, along with the relevant qualifications held and the relevant scientific publications, shall be submitted exclusively online through the following online application procedure:

<https://pica.cineca.it/unibg/>

The candidate will be able to register and access the platform using the Public Digital Identity System (SPID - security level 2). In case the candidate does not have one, he or she can request it according to the procedure indicated on the website www.spid.gov.it. Alternatively, the candidate can register and log in using the credentials released directly by the PICA platform.



It is of utmost importance to provide a valid email address in order to enable the registration process on the electronic procedure.

Applicants shall upload all personal and professional data as requested by the application procedure; all documents must be uploaded in PDF format (.pdf).

Each applicant can produce the maximum number of publications foreseen by the competition notice and a maximum of n. 10 other documents.

Failure to comply with the online application procedure will result in exclusion of the applicant.

Prior to final submission, and within the given deadline for applications submission, the online application procedure allows to modify and save the inserted information in a draft copy.

Confirmation of final submission date will be certified by an automatic notification email.

Submissions after the given deadlines will not be accepted by the system, as the online application procedure won't be accessible.

Each application will be given a registration number. For all further communications, the registration number shall be quoted along with the code of the competition.

The online application and submission procedure shall be completed **by April 14, 2025 until 23:59 (Italian time).**

The submission of the online application must be completed and finalized:

- **no digital signature:** in this case the candidate has to download the pdf file of the application by the system; the PDF file shall not be modified in any way, it is to be printed, signed in original, scanned in a pdf file and uploaded again on the website;
- **sign the application on the server using ConFirma service:** in order to sign digitally the application, it is necessary to have a hardware (e.g. smart card or USB with digital signature certificate issued by an approved certification body) compatible with ConFirma service; after signing, applicants can download the signed pdf application;
- **sign the application digitally on your PC:** In order to sign digitally the application, it is necessary to have a hardware (e.g. smart card or USB with digital signature certificate issued by an approved certification body) and a software for digital signatures in order to create a pdf.p7m file from the pdf file downloaded from this site. The pdf.p7m file must be uploaded in the website again;
- **In case of submission of the application through SPID,** it will not be necessary to sign the application form as it is automatically acquired by the procedure.

The application must contain all the required data by the system and must be signed and accompanied by a valid identification document of the candidate, under penalty of exclusion.

For any technical problems, contact support through the link available in the footer.

Section 5 Application form

The applicant, filling the application, must declare, under his/her own responsibility, pursuant to what provided for by Presidential Decree 445/2000 and following amendments and integrations, his first and last names, date and place of birth, tax code and address of residence; a mailing address, elected for the purpose of the application, must also be mentioned along with a phone contact and an electronic mail address, eventually PEC.

The candidate must also declare that he/she:

- a) his/her citizenship;
- b) enjoys civil and political rights;
- c) for Italian citizens: is listed in election rolls, specifying the municipality or eventually indicating the reasons why he is not listed or why he was removed from them; for foreign citizens (citizens of the European Union member States, or their families or citizens of third Countries as shown in the preceding letter) enjoys civil and political rights in the Country of citizenship or origin or else the reasons why he/she cannot enjoy them;
- d) was not removed or discharged from office by any Public Bodies on the basis of persistently insufficient yield, that is, was not dismissed from any public employment, as provided by s. 127, letter d) of the Presidential Decree (D.P.R.) 10.01.1957, no. 3;



- e) has not been found guilty of criminal offences and does not have any pending criminal proceedings, otherwise he/she must list such convictions indicating the details of all related judgements and any pending criminal proceedings;
- f) his position in terms of compulsory military service, only for Italian male citizens born within 1985.

In the application for participation in the selection, the candidates must also specify:

- a) they do not hold at present and that they had not previously held the title of professor of first and second level or indefinite-time university researcher;
- b) they do not have a degree of consanguinity or affinity, up to the fourth degree, with a professor of the Department making the call or with the Chancellor, the General Manager or a member of the Board of Directors of the University.

Candidates who wish to take part to comparative evaluations for multiple examination sectors, must also present applications and any attachments separately for each sector.

Any address changes must be promptly reported to the *Area risorse umane –Office Servizio Carriere e Concorsi Personale Docente e Ricercatori (Human Resources Area - Careers and Selections Office for Professors and Researchers)*.

Candidates with non-Italian citizenships shall also have to declare to possess an adequate knowledge of the Italian language.

In accordance with Law 5.2.1992, no. 104, they must specify in the application form the kind of aids needed in relation to their necessities, as well as their possible need of extra times to complete the tests required by this announcement.

The following must be attached to the application form:

1. photocopy of a valid identification document;
2. *curriculum vitae* describing educational and scientific activity, dated and signed;
3. numbered list, dated and signed, of all produced scientific publications (Annex A);
4. publications and works that the candidate wishes to assert to the purpose of the procedure, numbered in progressive order matching the relating numbered list;
5. In case of qualifications earned abroad, the candidate must provide the reference to the equipollence decree or, otherwise, the certificate of submission of the application (cf. Section 2);
6. in the event of foreign applicant, it is necessary to annex: a copy of the residence permit (if the applicant is already in its possession);

The University Administration assumes no responsibility in case the addressee is unreachable or unavailable or in case of dispersion of notices caused by inaccurate indication of the mailing address on the candidate side or on cases of missed or late notice of changes in the mailing address mentioned in the application. Furthermore, the Administration cannot be held responsible for missed or late deliveries of notices related to the selection on grounds that are not attributable to the Administration itself, such as post or telegraph mishandlings, third-party faulty behaviour, fortuitous or force majeure events.

The Administration reserves the right to proceed with suitable checks on the veracity of the contents shown in sworn declarations, as ruled by D.P.R. 445/2000.

We inform you that, as of 1st January 2012 in accordance with the dispositions of Law 183/2011, it is forbidden for public bodies and for public service overseers to request the exhibition or the submission of certificates issued by other public bodies in matters of personal status, features and facts. Therefore, the Athenaeum may not accept, nor request, any certificate in replacement of sworn declarations and affidavits, which must be submitted in substitution of such certificates.

The certificates issued by the bodies in charge of the foreign applicant's Country must be compliant with current regulations of that Country and, also, must be sworn before and certified by the Italian consulate in charge.

A translation into Italian must be attached to acts and documentation that are issued in foreign languages, after certification by an Italian diplomatic or consular delegation.

Reference to documents or publications previously submitted to this or other administrations or reference to any documentation submitted to another applications for other public competition is not allowed.



Section 6 Publications

The scientific publications that the candidate wishes to enforce to the purposes of the comparative procedure, numbered in progressive order in accordance with the related list (cf. annex A), must be uploaded on IT platform with the application within the peremptory deadline fixed by s. 4. The candidate must specify which publications shown in the curriculum vitae should be considered by the Commission for the purposes of the procedure, not exceeding the maximum number established by the announcement.

The list must match the publications supplied to the purposes of the procedure.

Only publications and texts that are accepted for publication in accordance with current Laws are considered appreciable, as well as essays included in collectanea and articles issued in journals, either printed or in electronic form, with the exception of internal notes and departmental reports.

The publications or articles accepted for publication, by the deadline of the announcement, must be submitted together with the publisher's acceptance document.

The date and place of publication or, alternatively, an ISBN code or equivalent must appear for works printed abroad.

All works printed in Italy up to 1st of September 2006 must meet the requirements provided by the Royal Lieutenant Legislative Decree of 31st of August 1945 no. 660; from the 2nd of September 2006 the requirements of Law 106/2006 and of D.P.R. 252/2006 must be met. The fulfilling of the above obligations must be certified by suitable documentation attached to the list of publications or by a sworn declaration issued by the candidate under his own responsibility as ruled by D.P.R. no. 445/2000.

Publications must be submitted in their original language form and translated into one of the following languages: Italian, English, French, German or Spanish. The translated texts can be supplied in typewritten form along with the printed text in the original language. For comparative evaluation procedures referring to linguistic subjects, the submission of publications will be accepted in the original language or in one of the languages for which the announcement is made, even if different from those shown in the preceding paragraph.

Section 7 Commission of Evaluation

By chancellor decree, based on the proposal submitted by the department requesting contract activation, a Commission of Evaluation is nominated formed by three members chosen among I and II level professors, or equivalent level, belonging to the same academic recruitment field. For the composition and the modalities of the constitution of the Commission, is to refer to the current University Regulations on the subject.

The composition of the Commission is made official when published on the website of the Athenaeum of the chancellor decree designating the Commission. Candidates may elect to decline any of the commissioners within 10 days from the date of publication.

The Commission elects a President and a Secretary among its Members.

The Commissions operates in a collegial way, acquiring its own absolute majority decisions, and may avail itself of telecommunication devices.

Section 8 Selective procedure processing method

The selective procedure provides for a preliminary evaluation of the candidates, with motivated analytical judgement on qualification, curriculum and scientific production, thereby including PHD thesis, according to internationally appreciated criteria and parameters, as specified by D.M no. 243 of 25.05.2011 and accepted by the judging Commission as per its s. 7.

The Commission, upon first meeting, defines in detail the criteria to be used for preliminary evaluations and for the attribution of scores to qualifications and to each of the publications presented by the candidates that are selected for public debate, still considering and honouring the parameters mentioned by the cited D.M. no. 243 of 25.05.2011.

Following preliminary evaluations, the candidates resulting comparatively worthier are admitted to public debate of their qualification and scientific production, according to the percentage of 20 per cent of the total number of candidates and, in any case, not lower than six. Should the total number



of candidates be equal to or lower than six, all of these will be admitted to public debate, during which the knowledge of a foreign language will also be assessed.

After the debate, a merit score is assigned to the qualification and to each of the publications presented by each admitted candidate; the winner will be identified based on the highest score reached.

The date and place of the public debate of qualifications and scientific production will be communicated through a notice published on the website of the University of Bergamo <http://www.unibg.it>, in the special section "Concorsi e selezioni" (Announcements and Selections) with advance notice of at least 20 days.

That warning has notification value and effect. Any change in the date of the interview will be notified to successful applicants at least 20 days in advance by a warning published in the University web site section "Concorsi e selezioni" (Announcements and Selections).

It is the responsibility of each candidate to monitor the site periodically by consulting the page of the notices related to this selection.

In order to withstand the debate, the candidates must hold a suitable and valid identification document.

The absence in the discussion must be considered as a waiver of competition for all purposes.

The Commission will produce and all its members will sign a special minute for each session, inclusive of attachments.

The Commission's deeds constituted by session reports, will be approved by chancellor decree, later transmitted to the competent department to the purpose of the call proposal.

Section 9

Works of the Commission

The Commission must complete its works within three months since the Chancellor's decree of appointment. The Chancellor may extend, only once and for not more than one month, the deadline for the completion of the selection on the grounds of proven reasons pointed out by the President of the Commission. If, after the deadline, the resulting deeds are not produced, the Chancellor will proceed to dismiss the Commission and will nominate a new one in replacement.

Section 10

Verification of deed regularity

The acts surrendered by the Commission are approved with chancellor decree within thirty days from delivery to the office in charge.

Should the Chancellor observe any irregularity in the deeds related to the procedure, he will return them to the Commission with a motivated provision, fixing a deadline for supplementary investigation.

The deeds will be published on the Athenaeum's website.

Section 11

Call of the selected candidate

Once the procedure is complete, the Department Council proposes the selected candidate's call within 60 days from deed approval.

The Department's proposal resolution is adopted according to the methods described in s. 12, paras 2 and 3 of Athenaeum Regulations, ruling comparative evaluation procedures for the call of fixed-term researchers in compliance with the provisions of s. 24 of Law 240/2010, in the previous text to the amendments referred to in art. 14 of D.L. 30/04/2022 no. 36.

Section 12

Scope and duration of the contract

The winner stipulates a fixed-term contract of employment ruled by current legislation, also in terms of compensation, social security and welfare.

As regards foreign applicants needing a residence permit, the date of beginning of the contract will be subject to the completion of the issuing procedure of said permit.

In the event of admission subject to verifying the applicant identified as the winner by the Commission, an investigation aimed at ascertaining the existence of the qualification declared in order to participate in the selection must be concluded before the signing of the contract.

Furthermore, the University will provide insurance coverage as expressly provided for by the Law.



The compensation is equal to the initial sums appertaining to full-time confirmed researchers (gross yearly salary of Euro € 38.986,46 , including 13th month pay).

The contract is for three years renewable for two years for a one-time after the successful evaluation of the teaching and research activities, on the basis of methods, criteria and parameters defined by the Italian D.M. No. 242 dated 24 May 2011.

The social security and pension scheme is granted to the researcher on the basis of current legislation for fixed-term employment; he is granted whatever provided for by D.Lgs no. 151/2001 in matter of tutelage and assistance to maternity and paternity of Law 104/1992; in matter of assistance, social integration and rights of disabled people as per ss. 3, 40 and 68 of D.P.R. no. 3/57 as modified; in matter of extraordinary leave of absence and infirmity leaves. Infirmity leaves may not exceed a time length of 12 months.

A 6-months' probation period is applied; the deliberating collegial body of the pertinent structure is competent for its positive or negative evaluation; the probation period cannot be renewed or extended upon expiry.

During the probation period, each party may terminate the contract giving reasons at any moment and without commitment to any advance notice.

In case of early contract termination, the researcher is required to give a 30 days advance notice. The redundancy period may start on the first or the 16th day of each month. In case no advance notice is given, the Administration has the right to withhold an amount corresponding to the employee's compensation for such lacking period.

Section 13

Work relationship

For the purposes of financial reporting of research projects, the figurative quantification of annual research activities, studies, and teaching activities, including preparatory, verification, and organization tasks, is equal to 1,500 hours for full-time researchers. The total annual commitment for the conduct of educational activities, supplementary teaching, and service to students is 350 hours for full-time basis.

The fixed-term researcher:

- carries out a scientific research activity within the sector identified by his profile;
- carries out didactical activities, honouring current legislation and Athenaeum Regulations, in accordance with the resolutions of competent Bodies;
- takes part to Commissions for the verification of students' advancement and final test for the achievement of educational qualifications released by the University, also providing aid in the development of theses;
- carries out student tutoring and guidance tasks to the purpose of organize the plan of studies, establishing a reception calendar;
- may assume responsibility functions in research projects according to and in respect of current Laws;
- takes part to Departmental activities and to didactic Commission meetings based on the modalities disciplined by specific Regulations.

The self-certification of educational activity, integrative didactics and services to students occurs by filling out the register of lessons (for upfront educational activities) and any other register (for all other activities related to didactics).

Disciplinary competence is ruled by s. 10 of Law 240/2010 and from s. 32 of the Statute.

Section 14

Incompatibility regime and multiple assignments

In addition to the incompatibility regime pursuant to art. 6, paragraph 9 of Law 240/2010, fixed-term researcher contracts are not compatible with:

- any other employment entertained with any public or private subject;
- ownership of research grants, even if at other Universities;
- doctoral or postdoctoral fellowships;
- any fellowship or grant, in general, bestowed on any grounds.



Researchers are allowed to carry out extra-work assignments as regulated in the Athenaeum Regulations provisions in terms of releasing authorizations for the bestowal of paid assignments to professors and researchers.

Fixed-term researcher contracts do not give rise to any right in terms of access to academic roles.

Employees of Public Administrations, over the entire duration period of the contract pertaining to this announcement, are put on leave, without grants nor social security coverage or, otherwise, in untenured position, where such position is considered possible by membership regulations.

Section 15

Evaluation and Contract Extension

The evaluation of teaching and research activities carried out by holders of contracts is delegated to a Commission and takes place according to the criteria and parameters established by art. 2 of the Italian D.M. No. 242 dated 24 May 2011; it is a prerequisite for the possible extension of the contract.

Within the resources available for planning, the Organisation that made the proposal to call the owner of this agreement may, with the consent of the candidate, propose the extension of the contract during the six months prior to its expiry for only once and for only two years, justifying it with reference to teaching and research needs.

If the assessment is successful, the extension proposal shall be submitted to the approval of the Board of Directors.

Section 16

Handling of personal data

In accordance with articles 13 and 14 of Regulation (EU) 2016/679 (GDPR), on the protection of personal data, and with D. Lgs. no. 196 /2003 and subsequent amendments, it is made known that data is controlled and managed by the legal representative of the University of Bergamo, via Salvecchio 19, - 24129 Bergamo.

Data will be collected exclusively for the present bid purposes and will be kept only for the necessary time to complete the relevant procedures. The data treatment controller will be appointed within the managing unit in charge of bidding procedure, who will carry out the treatment with all due respect of propriety, legitimacy, scope, transparency and confidentiality of the treatment; and data will be used exclusively for purposes connected to the selection and possible contract drafting, as well as management of the following employment position, in compliance with current regulations. Data will be kept for the necessary time to accomplish the selection purposes, subject to the application of norms on document retention, and will be transferred uniquely to public administration bodies directly concerned with the juridical and economic position of the selected applicant, treated in compliance with current regulations and used for personal, welfare, insurance and fiscal position management. Data will be handled by appointed staff through the acquisition of printed and electronic documents and using, even digitalised, filing procedures, to guarantee confidentiality; data treatment will be carried out through a coordinated organization and processing system, applying elevated safety standards. Furthermore, data will not be used for profiling. Applicants who have provided their personal data will be able to access it and exercise their rights as by art. 16 to 22 of GDPR UE 2016/679. Any safeguard request can be addressed to the University Data Protection Officer, who can be contacted through the university website (Privacy and Personal Data Protection section), e-mail dpo@unibg.it. In addition to the right of complaint which can be presented to the Italian Data Protection Authority, Piazza Venezia 11, 00187 Roma.

By presenting their application, candidates thereby authorise and fully consent to publication on the University institutional website of all information concerning the current bid, their own data and the contents of their CV in accordance with 111-bis of D.Lgs.196/2003 stating that, within the scope limits defined by art. 6, par. 1, letter b), of the Regulation, consent is not due for personal data present in a submitted CV.

Section 17

Advertisement

This announcement is published in the Gazzetta Ufficiale IV Special Series - Contests and exams, on the MUR and European Union websites as per s. 24, para 2 letter b) of Law 240/2010 in form of notice and in the Official Register of the University of Bergamo.



The full contest announcement and any related forms will be published online at the University website <http://www.unibg.it> in the special section *Concorsi e selezioni (Announcements and Selections)*.

The link to the announcement is also published on the Piattaforma Integrata Concorsi Atenei (PICA), at the following address: <https://pica.cineca.it/unibg/>, from which it will be possible to send the online application to the procedure.

Section 18

Manager of the procedure

The person in charge for the selection procedure in this announcement is Dr. Eugenio Bianchi, Manager of Servizio Carriere e Concorsi – Personale Docente e Ricercatori (Careers and Selections Office for Professors and Researchers), at Palazzo Rezzara, viale Papa Giovanni XXIII, 106 – 24121 Bergamo, telephone 035 2052 876, electronic mail address: selezionipersonale@unibg.it.

Section 19

Final provisions

Anything not explicitly provided for by this announcement is ruled by Law. 240/2010 as amended and supplemented, the Athenaeum Regulations in terms of recruitment of fixed-term university researchers, current university legislation, as well as the legislation related to employments at public administrations.

Further information may be requested at the office Area Risorse Umane – Office Servizio Carriere e Concorsi Personale Docente e Ricercatori (Human Resources Area – Careers and Selections Office for Professors and Researchers), at Palazzo Rezzara, viale Papa Giovanni XXIII, 106 – 24121 Bergamo, e-mail selezionipersonale@unibg.it – telephone 035 2052 876.

Bergamo, as per protocol registration

THE CHANCELLOR

Documento firmato digitalmente
ai sensi dell'art. 24 del D. Lgs. 82/2005