



Università di Genova

AREA PERSONALE

Servizio Personale Docente

Settore gestione del personale docente e dei contratti di ricerca

Decree n. 4838

THE RECTOR

Having regard to Presidential Decree No. 3 of January 10, 1957, "Consolidated text of provisions concerning the status of civil servants".

Having regard to Law No. 168 of May 9, 1989, "Establishment of the Ministry of University and Scientific and Technological Research".

Having regard to Law No. 241 of August 7, 1990, as amended, "New rules on administrative procedure and the right of access to administrative documents".

Having regard to Law No. 104 of February 5, 1992, as amended, "Framework law for the assistance, social integration, and rights of persons with disabilities".

Having regard to Presidential Decree No. 445 of December 28, 2000, "Consolidated Law on legislative and regulatory provisions concerning administrative documentation".

Having regard to Legislative Decree No. 151 of March 26, 2001, as amended, "Consolidated Law on the protection and support of maternity and paternity, pursuant to Article 15 of Law No. 53 of March 8, 2000".

Having regard to Legislative Decree No. 165 of March 30, 2001, as amended and supplemented, "General provisions on the organization of employment in the public administration".

Having regard to Legislative Decree No. 82 of March 7, 2005, "Digital Administration Code".

Having regard to Law No. 240 of December 30, 2010, as amended, "Regulations on the organization of universities, academic staff, and recruitment, as well as the delegation of powers to the Government to promote the quality and efficiency of the university system".

Given Law No. 79 of June 29, 2022 "Conversion into law, with amendments, of Decree Law No. 36 of April 30, 2022, containing further urgent measures for the implementation of the National Recovery and Resilience Plan (PNRR)" and article 14, paragraph 6-septies, which introduced the concept of the research contract.

Having regard to Ministerial Decree No. 639 of May 2, 2024, "determination of scientific-disciplinary groups and related declarations, as well as the rationalization and updating of scientific-disciplinary sectors and the reclassification of the latter into scientific-disciplinary groups, pursuant to Article 15 of Law No. 240 of December 30, 2010";

Having regard to the National Collective Labor Agreement for the Education and Research sector for the three-year period 2019-2021 and article 178(g), which, due to the complexity of certain issues, defers the implementation of the provisions of Article 22 of Law No. 240/2020 to one or more contractual sequences.

Considering that, on March 18, 2025, the contract relating to the contractual sequence concerning the Research Contract pursuant to Article 22 of Law No. 240/2010 (Article 178, paragraph 1, letter g, of the National Collective Labor Agreement of January 10, 2024) was signed, which, in Article 2, provides as follows:

The amount of the research contract referred to in Article 22, paragraph 6, of Law 240/2010 is defined by the individual institution based on the commitment required and in compliance with the constraints set out in Article 22 of Law 240/2010.

In any case, the amount of the contract referred to in paragraph 1 may not be less than the initial salary payable to a confirmed researcher on a fixed-term contract and may not exceed the initial salary payable to a confirmed full-time researcher.

The provisions of Article 22, paragraph 6, last sentence, of Law 240/2010 remain unchanged.

Without prejudice to specific sector regulations, research contracts do not give rise to the right of access to the role of the subjects referred to in paragraph 1 of Article 22 of Law 240/2010, nor can they be counted for the purposes of Article 20 of Legislative Decree No. 75 of May 25, 2017.

Having regard to the Statute of the University of Genoa.

Having regard to Rectoral Decree No. 1195 of March 11, 2024, issuing the "Code of Conduct for Employees of the University of Genoa".

Having regard to Rectoral Decree No. 1515 of April 7, 2025, issuing the "Regulations for the awarding of research contracts pursuant to Article 22 of Law No. 240 of December 30, 2010," in force as of April 8, 2025.

Having regard to D.D.A. no. 1058 of December 21, 2011, issued in application of the resolution of the Board of Directors of November 23, 2011, which establishes the payment of a contribution for enrollment in the recruitment procedures initiated by this University.

Having regard to the measures taken by the relevant departmental structures defining the profiles and characteristics of the positions subject to selection, as well as the related financial coverage falling within the cases referred to in Article 4(b) of the relevant Regulation.

Having regard to the favorable opinion expressed by the Board of Auditors at its meeting on October 28, 2025.

Given the resolution adopted by the Board of Directors at its meeting on October 29, 2025, approving the activation of the following research contracts:

1 (one) research contract at the Department of Civil, Chemical, and Environmental Engineering (DICCA);

1 (one) research contract at the Department of Mechanical, Energy Management, and Transportation Engineering (DIME);

1 (one) research contract at the Department of Architecture and Design (DAD).

DECREE

ART. 1

Announcement and number of positions

1. **Three (3)** public selection procedures are announced for the award of three two-year research contracts for the performance of research activities, pursuant to Art. 22 of Law No. 240/2010, as

amended by Art. 14, paragraph septies, of Decree-Law No. 36/2022, converted into law, with amendments, by Law No. 79/2022, for the sectors and research programs specified in Annex A, which is to be considered an integral part of this call for applications.

2. Researchers with a scientific and professional background suitable for carrying out research activities may be eligible for research contracts.

3. About the declarations of scientific-disciplinary sectors, reference should be made to Ministerial Decree No. 639 of May 2, 2024, cited in the introduction.

4. The administration guarantees equality and equal opportunities between men and women in access to work and treatment at work.

5. This decree is made public electronically via the online register established on the institutional websites of the University, the Ministry of University and Research, and the European Union.

ART. 2

Admission requirements and grounds for exclusion

1. Italian or foreign candidates who, on the deadline for submitting applications for admission to the selection process, hold a PhD or a qualification obtained abroad that is considered equivalent for the purposes of participating in the procedure for the programs listed in Annex A may participate in the selection process.

2. Where compatible with the regulations of the relevant research program and the relevant reporting rules, candidates who are enrolled in the third year of a doctoral program or who are enrolled in the final year of a medical specialization program may also participate in the selection process, provided that they are expected to obtain their degree within six months of the date of publication of the selection notice on the University's official register, under penalty of forfeiture of the right to be awarded a research contract.

3. The following may not participate in the selection process:

a) first and second level university professors and permanent researchers, even if they have left the service.

b) permanent staff employed on a permanent basis by universities, public research bodies, and institutions whose scientific specialization diploma has been recognized as equivalent to a PhD in accordance with Article 74, paragraph 4, of Presidential Decree No. 382 of July 11, 1980.

c) those who have benefited from fixed-term research contracts pursuant to Article 24 of Law No. 240/2010, as amended by Decree Law No. 36/2022 converted into Law No. 79/2022.

d) those who are related by blood or marriage up to and including the fourth degree to a professor belonging to the Department that proposed the activation of the contract i.e. with the Rector, the Director General, or a member of the Board of Directors.

4. Admission requirements and grounds for exclusion refer to the deadline for submitting the application for admission.

5. Candidates are admitted to the selection process with reserve; the University may, by reasoned decision, exclude candidates who do not meet the requirements. This decision shall be promptly communicated to the interested party at the email address indicated in the application for admission to the selection process.

6. For candidates with foreign qualifications that have not already been declared equivalent, the equivalence of the qualification shall be assessed, for the sole purpose of admission to the selection process, by the committees at the time of examination of the qualifications, based on the appropriate documentation submitted during the application phase. These candidates will therefore be admitted with reserve in the preliminary phase. If the above-mentioned candidates are successful, they must send the University an official translation with a declaration of value of the foreign qualification by the competent Italian diplomatic or consular representatives in their country of origin, in accordance with the regulations in force, within 90 days of the decree approving the selection process. The right to sign the contract will be forfeited if the documents are not received by the University within this period.

7. Candidates must pay a non-refundable fee of €10.00 (ten), as required by D.D.A. no. 1058 of December 21, 2011, cited in the introduction. This fee must be paid through the University's PagoPa system, available at the following address:

<https://unige.pagoatenei.cineca.it/portalepagamenti.server.frontend/#/> The payment must be made exclusively using the "Spontaneous payment" method, indicating the identification details of the competition as the reason for payment.

Instructions on how to make the payment and download the payment receipt are available on the page dedicated to the procedure on the portal <https://concorsi.unige.it>. The receipt certifying the above-mentioned payment must be attached to the online application in electronic format (.pdf, .jpg, .gif, etc.) by scanning or taking a digital photograph of it. Foreign candidates without an Italian tax code can make the payment on the aforementioned portal under 'Spontaneous Payment' by checking the box in the 'Anonymous' folder.

ART. 3

How to submit your application

1. Candidates must submit their application for admission to the selection process electronically, by filling in the appropriate form, by the deadline indicated in the following paragraph, using a specific computer application available at <https://concorsi.unige.it>, which requires an email address in order to register with the system. After entering all the data required to submit the application, candidates must print the receipt, which will be sent automatically by email, to be kept and presented if requested by the administration. Upon submission, the application will be automatically assigned an identification number which, together with the selection code indicated in the computer application, must be specified in any subsequent communication. The date of electronic submission of the application form for participation in the selection process is certified by the computer system which, once the deadline for submission has expired, will no longer allow access to and submission of the electronic form. Before the deadline, candidates are allowed to submit additional applications for the same selection process to correct any errors and/or add further information; for the purposes of participation in the selection process, the application with the most recent submission date will be considered valid. The system also requires the documents referred to in paragraph 8 below to be attached to the application in electronic format. No other forms of production or submission of applications for participation in the selection process are permitted.

2. The procedure for completing and submitting the application electronically must be completed **by 12 noon on the fifteenth day** following the day after the publication of this announcement on the University's institutional website.

3. If the deadline falls on a public holiday, the application may be completed and submitted by 12 noon on the first working day thereafter.

4. Communications regarding the public selection process announced in this decree will be sent to interested parties at the email address indicated in the application form.

5. In the application, candidates must state their surname and first name, date and place of birth, tax code, and residence, as well as:

a) the research program for which the application is being submitted.

b) possession of the academic qualification indicated in Annex A referred to in Article 1, required for the research program in which they are participating. Candidates with academic qualifications obtained abroad must also specify whether, based on current legislation, these have been declared equivalent to the qualification required by this call for applications. Candidates must also indicate the university that awarded the qualification and the date of graduation.

c) citizenship.

d) criminal record, indicating the details of any convictions and any pending criminal proceedings.

e) that they have not been dismissed from employment in the public administration for persistent poor performance and have not been declared disqualified from government employment, pursuant to Article 127(d) of Presidential Decree No. 3 of January 10, 1957.

f) if an Italian citizen, to be registered on the electoral roll, specifying the municipality and indicating any reasons for non-registration or removal from the roll; if a foreign citizen, to enjoy civil and political rights in the country of origin or provenance, or the reasons for not enjoying such rights.

g) not to be a relative or relative by marriage, up to and including the fourth degree of a professor belonging to the department or structure where the research activity is carried out, or of the rector, the general director, or a member of the University's Board of Directors.

h) not to have benefited from fixed-term research contracts pursuant to Article 24 of Law 240 of 2010, as amended by Decree Law 36/2022 converted into Law 79/2022.

i) if a non-EU citizen, possession of a residence permits valid for the performance of the activities provided for in the contract referred to in Article 7;

l) be aware of the provisions of Article 15 of the Regulations for the award of research contracts pursuant to Article 22 of Law No. 240 of December 30, 2022, issued by Rectoral Decree No. 1515 of April 7, 2025, concerning the prohibition of accumulation and incompatibility.

Failure to provide the above declarations may result in exclusion from the selection process.

6. In the application, the candidate must indicate the email address chosen for the purposes of the selection process. Any changes to this address must be promptly communicated to the Office to which the application was sent.

7. The statements made in the application are to be considered as issued pursuant to Presidential Decree No. 445/2000 and subsequent amendments, by candidates entitled to use the forms of simplification of administrative certifications permitted by the decree.

8. Applicants must submit the following together with their application:

a) an uncertified photocopy of an identity document in electronic format (.pdf, .jpg, .gif, etc.) by means of a scan or digital photograph of the same.

b) a project proposal submitted for the purposes of the research program.

c) a scientific and professional curriculum vitae and self-certification of the accuracy of the information contained therein, drawn up on the attached form.

d) if a foreign citizen, a photocopy of their residence permit, if they have one, in electronic format (.pdf, .jpg, .gif, etc.) by means of a scan or digital photograph of the same.

e) publications deemed useful for the purposes of selection (2 to 5);

f) a copy of the receipt of payment of the contribution referred to in Article 2, paragraph 8 of this call for applications.

The above documents must be attached to the application in .pdf format and must be declared to be true copies of the originals by means of a specific declaration in lieu of affidavit drawn up on the attached form. The same declaration must include a numbered and detailed list of the files sent electronically, together with the application, as indicated in paragraph 1 of this article.

9. Pursuant to Article 15, paragraph 1, of Law No. 183 of November 12, 2011, candidates shall demonstrate possession of qualifications exclusively by means of the declarations referred to in the Presidential Decree No. 445/2000 and subsequent amendments.

10. The same procedures set out in the previous paragraphs for Italian citizens shall apply to citizens of the European Union. For the use of substitute declarations by citizens who are not members of the European Union, please refer to Article 4 of this notice.

11. Reference to qualifications or publications submitted to this or other administrations, or to qualifications attached to other applications for participation in other competitions, is not permitted.

12. Publications that have been legally deposited in the forms set out in Legislative Decree No. 660/1945, as supplemented and amended by Law No. 106/2004 and Presidential Decree No. 252/2006, are considered eligible for the purposes of the public selection process referred to in this call for applications.

13. The administration is required to carry out appropriate checks, including random checks, in all cases where there are reasonable doubts as to the veracity of the substitute declarations. If the above-mentioned check reveals that the content of the declaration is untrue, the declarant shall forfeit any benefits resulting from the measure issued based on the untrue declaration, without prejudice to the provisions of the Criminal Code and special laws on the subject.

14. The University accepts no responsibility for failure to receive applications due to technical problems with the operation and/or configuration of the candidate's Internet and email provider.

15. The University accepts no responsibility for the non-receipt of communications if this is due to the candidate providing an incorrect email address or failing to communicate a change of email address indicated in the application, nor for any errors attributable to third parties, unforeseeable circumstances, or force majeure.

ART. 4

Non-EU citizens – substitute declarations

1. Citizens of non-EU countries legally residing in Italy may use the substitute declarations referred to in the Presidential Decree 445/2000 only in relation to their status, personal characteristics, and facts that can be certified or attested to by Italian public entities, without prejudice to the special provisions contained in laws and regulations concerning immigration and the status of foreigners.
2. Outside the cases provided for in the previous paragraph, citizens of non-EU countries authorized to reside in the territory of the State may use the substitute declarations in cases where they are produced in application of international agreements between Italy and the declarant's country of origin.

ART. 5

Selection criteria and procedures

1. The selection committee, established pursuant to Art. 6 of the relevant Regulations, operates collectively with the participation of all its members, also making use of electronic tools for collective work. At its first meeting, the committee shall determine, by means of a specific resolution, the criteria and procedures for evaluating qualifications and shall forward the relevant minutes to the competent University office for subsequent publication.
2. Within the fifth working day following the transmission of the minutes referred to in paragraph 1, the Committee is authorized to review the applications admitted and, after recording the absence of any causes of incompatibility and the absence of any conflict of interest on the part of each Committee member with regard to the candidates, proceeds with the comparative evaluation of the candidates in accordance with the provisions of paragraphs 5 and 6 below.
3. The selection shall be made by means of a comparative evaluation of the candidates in terms of the adherence of their project proposals to the research program covered by the contract, as well as about the candidates' possession of a scientific and professional curriculum vitae suitable for carrying out the research activities covered by the contract.
4. The evaluation includes an interview. The interview is public. The notice containing the list of candidates admitted to the interview with their scores and the date and time of the interviews will be published in good time on the University's web page dedicated to the procedure.
5. The evaluation is expressed in terms of points. In accordance with Article 8, paragraphs 3 and 4 of the Regulations, a maximum of 100 points will be awarded, of which 30 will be for the evaluation of the research project's adherence to the program indicated in the call for applications and 70 will be for the evaluation of the scientific and professional curriculum's suitability for carrying out the research activities envisaged in the program.
6. The Commission will refer to the following evaluation criteria:
 - a) quality, originality, and innovativeness of the project proposal, taken into consideration about adherence to the research program subject to selection, up to a maximum of **30 points**.
 - b) relevance and significance of previously documented research activities, as well as any duly certified professional experience, in relation to the contents of the research program subject to selection, up to a maximum of **10 points**.
 - c) relevance of the attached publications to the research program covered by the selection process, up to a maximum of **20 points**.
 - d) interview aimed at assessing suitability for carrying out the research activity covered by the contract and implementing the project proposal submitted, as well as knowledge of the foreign language indicated in the call for applications, up to a maximum of **40 points**.
7. Candidates who have obtained a score of at least **35 points** in the comparative evaluation referred to in points a), b), and c) are admitted to the interview.
8. The interview is considered passed with a minimum score of **25 points**.
9. Once the Commission has taken the decisions referred to in paragraph 6, points a), b), and c), it shall forward the relevant minutes to the competent University office for subsequent publication.

10. Once the Commission has completed its assessment, including the interviews with the admitted candidates, it shall calculate the total score achieved by each candidate and proceed collectively to formulate reasoned overall judgments.
11. The Commission shall draw up a merit ranking considering the scores achieved by the candidates and shall identify the winner of the selection process.
12. In the event of a tie, preference shall be given to the younger candidate.

ART. 6

Selection Committee

Formation and approval of rankings

1. The Committee is composed of three standing members and one alternate member, ensuring, as a rule, gender representation, chosen from among professors and researchers referred to in Art. 1 of Presidential Decree No. 382/1980 and Art. 24 of Law No. 240/2010, including other Italian universities or members of equivalent rank if from foreign universities or research institutions, including at least one full or associate professor and at least one member in the scientific-disciplinary field covered by the call for applications or, failing that, in the scientific-disciplinary group.
2. The Commission is appointed by the Rector on the recommendation of the relevant department.
3. Once the tests have been completed, the Commission draws up a merit ranking considering the scores achieved by the candidates and identifies the winner of the selection in relation to the number of positions advertised.
4. The merit ranking is approved by decree of the Rector and the winner of the public selection is declared.
5. In the event of the winner's refusal to sign the contract or failure to take up the position within the deadline set out in Article 9, paragraph 4 of the Regulations (30 days) or within the deadline indicated in the contract, respectively, the ranking list shall be reviewed on the recommendation of the Department Council.
6. The merit ranking is published on the electronic notice board set up on the University's institutional website. The deadline for any appeals starts from the date of publication.

ART. 7

Awarding of research contracts

Research contracts for citizens of non-EU countries

1. The contract is formalized by signing an individual fixed-term employment contract. and those placed in a useful position in the merit ranking referred to in Article 5, paragraph 11 of this call for applications, for the duration specified in Annex A to this call for applications for each research program, subject to verification of the requirements. Upon invitation communicated to the winner, the contract must be signed within 30 days of receipt of the communication. The interested party may request a postponement of no more than an additional 30 days, if this is compatible with the project activity. Failure to sign within the specified period shall be considered a waiver of the position in the competition, resulting in removal from the ranking list.
2. The doctoral or specialist trainee in the medical field who wins the procedure may only sign the contract after obtaining their PhD or specialist qualification. If the doctoral or specialist trainee does not obtain their qualification within six months of the date of publication of the call for applications, they will lose their right to the research contract. In this case, by decision of the Department Council, the ranking list may be enforced about candidates who have obtained a PhD or specialization in the medical field within the same six-month period.
3. Ownership of contracts does not confer any rights regarding access to university positions.
4. To sign the contract, the successful candidate must have a qualified or digital signature, which can be obtained from one of the trust service providers in Italy (<https://www.agid.gov.it/it/piattaforme/firma-elettronica-qualificata/prestatori-di-servizi-fiduciari-attivi-in-italia>). The signature with a qualified or digital signature must be accompanied by a time stamp.

5. Research contracts have a duration of two years and may be renewed only once for an additional two years.
6. In the case of national, European, and international research projects, research contracts have a duration of two years, which may be extended for up to one additional year, depending on the specific requirements related to the objectives and type of project.
7. The total duration of research contracts, even if entered into with different institutions, may not exceed five years in any case. For the purposes of calculating the total duration, periods spent on maternity or paternity leave or on sick leave in accordance with current legislation are not considered.
8. Upon signing the contract, the successful candidate must confirm the statements made when submitting the application and declare that they do not fall under any of the conditions set out in Article 15 of the relevant Regulations.
9. Citizens of countries outside the European Union may be awarded a research contract only if they have a residence permit. In such cases, the department that requested the grant shall, in agreement with the relevant administrative offices, initiate the procedures for obtaining the aforementioned residence permit.
10. Contractors with foreign qualifications that have not already been declared equivalent must send the University an official translation with a declaration of the value of the foreign qualification by the competent Italian diplomatic or consular representatives in the country of origin, in accordance with the regulations in force, within 90 days of the decree approving the selection process. The right to sign the contract will be forfeited if the documents are not received by the University within this period.

ART. 8

Financial and regulatory treatment

1. Contractors are entitled to the gross financial treatment specified for each position in Annex A.
2. The financial costs of this procedure fall within the types provided for in Article 4(b) of the relevant Regulation, i.e., through the use of external funding from special ministerial allocations, research projects, activities on behalf of third parties, or the use of resources following agreements or negotiations with other entities, or with management savings deriving from external resources relating to closed projects, where necessary reported and certified.
3. The gross annual remuneration is not subject to indexation or revaluation and is subject to the tax and social security regulations in force at the time of signing the contract.
4. The employment relationship established between the University and the research contractor is governed by the relevant provisions in force, including those relating to tax, welfare, social security, and insurance treatment applicable to income from employment.
5. The University also provides insurance coverage against accidents at work and occupational diseases, as well as civil liability.

ART. 9

Rights and duties of research contract holders

- 1 The research contract holder shall exclusively carry out scientific research activities covered by the research contract.
- 2 The research contract provides for a trial period of thirty days.
- 3 The research contract holder is required to personally carry out the research activities covered by the contract.
- 4 In order to verify the reporting of hours spent on research activities carried out by the contract holder, where necessary, a timesheet system may be used.
- 5 The contractor is required to prepare a technical-scientific report on the activity carried out, which must be approved by the Scientific Director of the research.
6. Disciplinary jurisdiction is governed by Articles 54, 55, and 55 bis of Legislative Decree No. 165/2001 and subsequent amendments and additions, as applicable, and the procedure and sanctions are the responsibility of the Rector.

7. The Department Council, subject to approval by the Scientific Director, may authorize the contractor to carry out periods of research abroad, provided that this is functional to the research activities covered by the contract.

8. The contractor is subject to the health checks required by Legislative Decree No. 81/2008, at the expense of the University, and to the regulations on health and safety in the workplace.

9. About intellectual property, the relevant legislation in force shall apply, specifically the University Regulations on intellectual and industrial property.

10. Research contractors may participate in selection procedures for the award of teaching assignments, for a fee, pursuant to Article 23 of Law No. 240/2010, up to a maximum of 60 hours per academic year, which may be extended to 90 hours in cases of proven necessity, in accordance with the provisions of the University Regulations for teaching activities, the awarding of teaching assignments, and teaching contracts.

11. With regard to extra-institutional assignments to research contractors, the provisions contained in Chapter II (Article 7 et seq.) of the University Regulations on the performance of assignments and activities on behalf of external entities by professors and researchers shall apply, in accordance with the provisions of Article 53, paragraph 7, of Legislative Decree No. 165/2001 and insofar as they are compatible. the provisions contained in Chapter II (Article 7 et seq.) of the University Regulations on the performance of assignments and activities on behalf of external entities by professors and researchers shall apply.

ART. 10

Prohibition of accumulation – Incompatibility

1. Research contracts are incompatible:

- with any other employment relationship, including part-time or fixed-term employment, with public or private entities.
- with the holding of research grants, including at other universities or public research institutions.
- with scholarships or research grants of any kind awarded by national or foreign institutions, except those exclusively intended for international mobility for research purposes, including doctoral scholarships and emoluments related to medical specialization contracts.
- attending undergraduate, master's, doctoral, or specialization courses in Italy or abroad, which entails unpaid leave for employees working in public administration.

2. The holder of a research contract may not, in any case, carry out activities that could give rise to a conflict of interest with the activities of the University or that would prevent the regular performance of research activities.

ART. 11

Absences

1. About the protection and support of maternity and paternity, as well as the assistance and protection of persons with disabilities, the provisions of Legislative Decree No. 151/2001, as amended, and Law No. 104/1992, as amended, shall apply. About leave for family reasons, leave due to illness, and special leave, the provisions of Presidential Decree No. 3/1957 shall apply.

2. For the purposes of calculating the total duration, periods spent on maternity or paternity leave or leave for health reasons in accordance with current legislation shall not be considered.

ART. 12

Withdrawal and Termination of the contract

1. The termination of the employment relationship is determined, in addition to forfeiture, by the expiry of the contract term or by the withdrawal of one of the parties and by any other cause of termination provided for by current legislation.

2. During the trial period, either party may withdraw from the contract at any time without prior notice or compensation in lieu of notice. Withdrawal shall take effect upon receipt of the notice by the other party.

3. Either party may withdraw from the contract before the expiry of the term if there is a cause which, pursuant to Article 2119 of the Italian Civil Code, does not allow the relationship to continue, even temporarily, or due to supervening impossibility.

4. The cancellation of the recruitment procedure is a condition for the termination of the contract, without the obligation to give notice.

5. Both the failure to prepare the technical-scientific report and its failure to be approved by the Scientific Director of the research constitute just cause for withdrawal from the contract.

6. In the event of withdrawal by the contract holder, at least 30 days' notice is required. In the event of failure to give notice, the Administration has the right to withhold from the contractor a fee proportional to the period of failure to give notice.

ART. 13

Processing of personal data

Personal data provided by candidates will be collected by the University of Genoa, "Personnel Area - Management of teaching staff and research contracts" and processed for the purposes of managing the selection process, in accordance with the provisions of EU Regulation 2016/679 (GDPR - General Data Protection Regulation) and Legislative Decree 30/6/2003, no. 196 (Personal Data Protection Code), as amended by Legislative Decree 10.08.2018, no. 101.

ART. 14

Final provisions

For matters not covered by this call for applications, the provisions contained in the regulations mentioned in the introduction shall apply, and those provided for in the "Regulations for the awarding of research contracts pursuant to Art. 22 of Law No. 240 of December 30, 2010" referred to in D.R. No. 1515 of 7/4/2025 and the relevant provisions of law in force.

Genoa, 20.11.2025

IL RETTORE
Prof. Federico DELFINO
Firmato digitalmente

Visto la Dirigente
Dott.ssa Paola MORINI

PM/GM/st
Il responsabile del procedimento
Sandra Turbino
(per informazioni 0102099406)

Dipartimento di ingegneria civile, chimica e ambientale (DICCA)
Activation of 1 research contract

Position no. 1

Research programme: Subject: CORTIS project.

Description: The holder of the research contract will contribute to the CORTIS project, which concerns the development of a new multiphysical model of the anterior segment of the eye, considering the interaction between mechanics, water transport, chemical species and metabolism. The cornea is a multi-layered tissue; the innermost layer, the endothelium, which is in direct contact with the aqueous humour, regulates the hydration of the cornea by controlling water exchange with the aqueous humour. Several pathological conditions that threaten vision and can affect the anterior segment of the eye are related to defective mechanical behaviour of the stroma (e.g., keratoconus) or altered water flow through the epithelium (e.g., corneal oedema). The holder will contribute to the development and implementation of a mathematical model of corneal metabolism and transport processes across the cornea. Water, ion and metabolic species transport will be considered. The holder will also work on a second project, related to the study of retinal blood flow, using computational models to simulate interactions between ocular circulation and global systemic dynamics. The main objective of this work is to develop a comprehensive multiscale mathematical model capable of accurately representing the dynamics of blood flow in the retina, considering the complex interaction between retinal circulation, intraocular pressure, and systemic factors such as cerebrospinal fluid pressure. These interactions are fundamental to gaining a deeper understanding of the regulation and behaviour of retinal blood flow under normal and pathological conditions.

Candidates must have experience in fluid mechanics, particularly in the physiological field, and in numerical methods for solving differential equations. The ideal candidate will also have a strong aptitude for teamwork and multidisciplinary, which are essential characteristics for tackling the challenges of multiscale modelling. The aim of the project is to develop a new multiphysical model of the anterior segment of the eye. The candidate must submit a project proposal based on the following elements: The functions and activities related to the research programme will be as follows: contributing to the development and implementation of a mathematical model of corneal metabolism and transport processes through the cornea.

Required educational qualification: PhD relevant to the research project

Foreign language: english language

Scientific supervisor of research contract: Prof. Rodolfo Repetto

Scientific-disciplinary group: 08/CEAR-01 Idraulica, Idrologia, Costruzioni Idrauliche e Marittime-
scientific-disciplinary sector CEAR-01/A Idraulica

Maximum number of publications, including doctoral theses, that each participant may attach for evaluation purposes: 2

Location where activities take place: Dipartimento di ingegneria civile, chimica e ambientale (DICCA)

Economic Position: 1 - base

Gross annual remuneration: € 28.283,94

Annual facility cost: € 39.594,68

The position will be financed partly by PRIN 2022 SCORRIMENTO project – Project code 2022TWKA72 “CORTIS: A porous-mechanical model of the corneal tissue”; **CUP D53C24004170006** and partly funded by AER project.

Dipartimento di ingegneria meccanica, energetica gestionale e dei trasporti (DIME)

Activation of 1 research contract

Position no. 2

Research programme: The project aims to characterise the viscoelastic properties of soft materials at the microscale, with a particular focus on synthetic materials and biological samples used in the biomedical field. The main objective is to develop and validate a new experimental methodology based on the use of a micro-electro-mechanical system with selective compliance, capable of measuring the mechanical properties of materials without altering their state. The activity includes the design, manufacture and testing of a micro-electro-mechanical device (MEMS) dedicated to the manipulation and measurement of micro-samples, the coupled gripper-sample modelling using numerical analysis and finite element methods, and the identification of mechanical parameters using genetic algorithms. The project lies at the interface between applied mechanics, micromechatronics and bioengineering, with potential applications in mechanobiology, diagnostics and the design of functional materials at the micrometric scale.

Research activities: the selected researcher will be involved in the activities of the Research Unit of the University of Genoa, with tasks related to:

- Design and modelling of a micro-electro-mechanical system with selective compliance and of the measurement system using CAD tools and FEM software;
- Development and calibration of the experimental setup, acquisition and control system;
- Performing experimental tests on reference soft materials and acquiring data on force-deformation relationships;
- Analysis and interpretation of experimental data, integration with numerical models and validation of the proposed methodology;
- Contribution to the scientific dissemination of results through publications and conference presentations.

Required educational qualification: PhD relevant to the research project

Foreign language: english language

Scientific supervisor of research contract: Prof. Matteo Verotti

Scientific-disciplinary group: 09/IIND-02 MECCANICAAPPLICATAALLE MACCHINE, **scientific-disciplinary sector** IIND-02/A Meccanica applicata alle macchine

Maximum number of publications, including doctoral theses, that each participant may attach for evaluation purposes: **5**

Location where activities take place: Dipartimento di ingegneria meccanica, energetica gestionale e dei trasporti (DIME)

Economic Position: 1 - base

Gross annual remuneration: € 28.283,94

Annual facility cost: € 39.594,68

The position will be funded by the PRIN 2022 project - "Viscoelastic Characterization of Soft Materials at the Microscale", Prot. 2022HM53EA - **CUP D53C24004060006**.

Dipartimento Architettura e Design (DAD)

Activation of 1 research contract

Position no. 3

Research programme: Subject: architectural atmospheres.

Description: considering body and space as a unified system in which emotion and cognition co-generate in a recursive manner, the AURA project studies the multi-component nature of atmospheric impressions, exploring how environments with a particular aura shape the architectural experience and promote forms of affective attunement.

The aim of the project is to deepen our understanding of how the built environment influences human emotions, going beyond the limitations of virtual simulations and laboratory studies.

Candidates must submit a project proposal based on the following elements: concept and objectives; theoretical and contextual references; spatial and compositional development; methodological approach; expected results.

The functions and activities related to the research programme will be as follows: theoretical research, interdisciplinary experimentation, data analysis, dissemination/communication.

Required educational qualification: PhD relevant to the research project

Foreign language: english language

Scientific supervisor of research contract: Prof.ssa Elisabetta Canepa

Scientific-disciplinary group: 08/CEAR-09 Progettazione Architettonica, **Scientific-disciplinary sector** CEAR-09/A Composizione architettonica e urbana

Maximum number of publications, including doctoral theses, that each participant may attach for evaluation purposes: **5**

Location where activities take place: Dipartimento Architettura e Design (DAD)

Economic Position: 1 - base

Gross annual remuneration: € 28.283,94

Annual facility cost: € 39.594,68

The funding will come from the “*AURA - Affective Unities: A Site-Specific Research on Architectural Atmospheres*” project, as part of the PNRR - Mission 4 ‘Education and Research’ - Component 2 ‘From Research to Business’. - Investment 1.2 ‘Funding for projects submitted by young researchers’, funded by the European Union - NextGenerationEU, Project ID MSCA2024_0000009, **CUP D33C25000500006**.