



**Università
di Genova**
AREA PERSONALE
Servizio Personale Docente
Settore gestione del personale docente e dei contratti di ricerca

Decrete n.3955

THE RECTOR

Having regard to the Italian Law no. 241 dated 7th August 1990 and subsequent amendments, which contains provisions regarding the administrative procedure and the right of access to administrative documents;

Having regard to the Italian Ministerial Decree dated 4th October 2000 regarding the restatement and update of scientific disciplinary sectors and the definition of the relevant declaratory judgements, and subsequent amendments;

Having regard to the Ministerial Decree 3/18/2005 of partial correction of the Ministerial Decree 4/10/2000;

Having regard to the Ministerial Decree 30.10.2015 n. 855 of restatement of the macro-sectors and of the competition sectors;

Having regard to the Italian Presidential Decree no. 445 dated 28th December 2000, which contains the Consolidated Text of legislative and regulatory provisions on administrative documentation, published on the ordinary Supplement to the Official Journal (G.U.) no. 42 dated 20th February 2001 – General Series and subsequent amendments;

Having regard to the Italian Ministerial Decree no. 270 dated 22nd October 2004, regarding the amendments to the regulation which contains provisions on the didactic autonomy of universities, approved with Decree of the Minister for Universities and Scientific and Technological Research no. 509, dated 3rd November 1999;

Having regard to the Italian Law no. 69 dated 18th June 2009, and in particular, art. 32;

Having regard to the Italian Inter-ministerial Decree dated 9th July 2009, on the equalization of university degrees for the participation to public competitions;

Having regard to the Italian Law no. 240 dated 30th December 2010, which contains provisions concerning the organization of universities, academic personnel and recruitment, as well as the delegation to the Government for providing incentives for the quality and efficiency of the university system, and in particular art. 22, which contains provisions on research fellowships;

Having regard to the Italian Ministerial Decree no. 102 dated 9th March 2011 on the minimum annual amount of research fellowships;

Having regard to the notice of the Ministry of Education, University and Research (MIUR) prot. no. 583 dated 8th April 2011;

Having regard to the Italian Law no. 183 dated 12th November 2011 (Law of Stability 2012), and in particular, art. 15, which contains provisions on certifications and self-certifications;

Having regard to the Statute of the University of Genoa, issued with the Rector's Decree no. 1986 dated 5th June 2017.

Having regard to the Rector's Decree no. 497 dated 16th December 2011 issuing the "Code of Ethics of the University of Genoa";

Having regard to the "Employee Code of Conduct of the University of Genoa", issued with Rector's Decree no. 1143 dated 27th February 2015, implementing the Italian Presidential Decree no. 62 dated 16th April 2013, on the "Regulation on the code of conduct for civil servants according to art. 54 of the Italian Legislative Decree no. 165 dated 30th March 2001";

Having regard to the resolution of the Board of Directors dated 22nd July 2015, determining the amounts to be awarded for research fellowships;

Having regard to the Rector's Decree n. 5389 dated 28 December 2020 issuing the "Regulation for the awarding of research fellowships"

Given the Legislative Decree 30 April 2022, no. 36 converted with amendments into law 29 June 2022, n. 79, in particular the art. 14, paragraph 6-quaterdecies, which dictates the transitional regulations for research grants in relation to which, for 180 days following the entry into force of the same law, it is still possible to call procedures for the assignment of the same pursuant to art. 22 of the law n. 240/2010 in the text in force before the date of entry into force of the aforementioned conversion law;

Having seen the MUR ministerial note n. 9303 of 8 July 2022, to clarify some aspects regulated by art. 14 of the Legislative Decree 30 April 2022, n. 36, as converted with Law 29 June 2022, n. 79;

Having seen the Legislative Decree 30 December 2023, n. 215 "Urgent provisions regarding regulatory deadlines", in force from 31 December 2023, in article 6, paragraph 4, entitled "Extension of deadlines regarding universities and research", which provides for the possibility of calling procedures for the awarding of research grants pursuant to article 22 of law 30 December 2010, n. 240, in the text in force before the date of entry into force of the conversion law of Legislative Decree 30 April 2022, n. 36, until 31 July 2024;

Having seen the Decree-Law of 31 May 2024, n. 71 "Urgent provisions regarding sport, educational support for students with disabilities, for the regular start of the 2024/2025 school year and regarding university and research", in force from 1 June 2024, in article 15 paragraph 1, entitled "Urgent provisions for carrying out research activities", which provides for the possibility of launching procedures for the awarding of research grants pursuant to article 22 of law 30 December 2010, n. 240, in the text in force before the date of entry into force of the conversion law of Legislative Decree 30 April 2022, n. 36, until 31 December 2024;

Having seen the Ministerial Decree n. 639 of 2 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. 15, of law 30 December 2010 n. 240;

Considered appropriate, in compliance with departmental resolutions and in order to allow easy identification of the procedures of interest by candidates, pending adaptation of the University's IT procedure for the submission of applications, to maintain both the indication of the previously existing scientific-disciplinary measures referred to in the Ministerial Decree n. 855 of 30 October 2015 is the indication of the new scientific-disciplinary sectors, as defined by the aforementioned Ministerial Decree. n. 639 of 2 May 2024;

Having seen the resolutions received from the departmental structures concerned with which requests for the activation of research grants were proposed;

HEREBY DECREES

ART. 1

Number of research fellowships

1. An announcement is made for no. 31 public selections for the awarding of no. 31 research fellowships in the programs specified in *Annex A*, being an integral part of this announcement.

2. Students with a professional scientific curriculum suited to the performance of research activities are eligible to receive research fellowships.

3. Candidates, wishing to apply for more than one selection procedure, must submit a separate application for each selection, with the relevant documentation. If a single application is submitted for more than one selection procedure, the candidate will only be admitted to the first selection resulting from the same application.

4. As regards the declaratory judgements of the scientific disciplinary sectors, reference shall be made to the Italian Ministerial Decree dated 4th October 2000 and subsequent amendments, mentioned above.

5. The Administration ensures equality and equal opportunity between men and women with regard to access to employment and treatment at work.

6. This decree is published by electronic means on the web notice board in the website of the University of Genoa.

ART. 2

Admission requirements and grounds for exclusion

1. The qualification indicated in Annex A to this announcement for each research program is a requirement for admission to the selection.

2. Relatives or in-laws, 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, of the general director or a member of the University board of directors.

3. The admission requirements and causes of exclusion refer to the expiry date of the deadline for submitting the admission application.

4. Candidates are admitted to the selection with reservations; the University orders, with a reasoned provision, the exclusion of candidates for failing to meet the prescribed requirements. This provision is promptly communicated to the interested party at the e-mail address indicated in the application for admission to the selection.

5. For candidates in possession of a foreign qualification which has not already been declared equivalent, the equivalence of the qualification is ascertained, for the sole purpose of admission to the selection procedure, by the commissions referred to in the following art. 6 at the time of examination of the qualifications, on the basis of the appropriate documentation presented during the application phase. These candidates will therefore, in the preliminary phase, be admitted with reservations. If the aforementioned candidates are successful, they will have to send to the University the official translation with declaration of value of the foreign qualification by the competent Italian diplomatic or consular representations in the country of origin, according to the regulations in force on the matter, within 60 days of the decree of approval of the selection documents. The right to stipulate the contract will be forfeited if the documents do not reach the University within this deadline.

ART. 3

Procedure for submission of the application

1. The candidate must produce their application for admission to the selection electronically, filling in the appropriate form, by the deadline indicated in the following paragraph, using a specific IT application, available at <https://concorsi.unige.it>, which necessarily requires the possession of an email address in order to self-register on the system. After having entered all the data required to produce the application, the candidate will have to print the receipt, which will be automatically sent via e-mail, to be kept and possibly shown in case of control by the administration. During submission, the application will automatically be assigned an identification number which, together with the selection code indicated in the IT application, must be specified for any subsequent communication. The date of electronic submission of the application to participate in the selection is certified by the IT system which, upon expiry of the deadline for submission, will no longer allow access and sending of the electronic form. Within the deadline, the candidate is allowed to submit further questions relating to the same selection, in order to correct any errors and/or for additions; for the purposes of participation in the selection, the application with the most recent submission date will be considered valid. The system also requires you to attach the electronic documents referred to in the following paragraph 8 to the application. **Other forms of producing or sending applications to participate in the selection are not permitted.**

2. The procedure of filling in and sending the application electronically must be completed by 12:00 noon on the thirtieth day starting from the day following the day of publication of this notice on the computer bulletin board established on the institutional website of the University.

3. If the indicated deadline falls on a public holiday, it will be possible to complete and send the application by 12.00 on the first working day.

4. Except as provided by art. 5, paragraph 5, communications regarding the public selection announced with this decree are forwarded to interested parties at the e-mail address indicated in the application for admission to the selection.

5. In the application the candidate must declare his/her surname and name, date and place of birth, tax code and residence, as well as:

a) possession of the qualification indicated in Annex A pursuant to art. 1, required for the research program in which he participates. Candidates in possession of a qualification obtained abroad must also specify whether the same, based on current legislation on the matter, has been declared equivalent to the qualification required by this announcement. The candidate must also indicate the University that issued the qualification, the date of achievement and the grade obtained in the degree exam;

b) the citizenship held;

c) not to be a relative or kinship, 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 Board of Directors of the University;

d) whether or not they have received a scholarship for the research doctorate;

e) whether or not he has already been the holder of research grants awarded pursuant to art. 22 of Law no. 240/2010;

f) whether or not he has already been the holder of contracts referred to in the art. 24 of Law no. 240/2010 (fixed-term researcher);

g) if a citizen not belonging to the European Union, possession of the residence permit useful for carrying out the activity envisaged by the contract referred to in the art. 7;

h) to be aware of the provisions of the art. 13 of the D.R. n. 5389 of 12/28/2020, regarding the prohibition of cumulation and incompatibility;

i) the choice of the foreign language of which to demonstrate knowledge, if it is included among the interview topics of the research program indicated in Annex A pursuant to art. 1;

j) indication of the account (Skype or similar video conferencing platform) in the following cases:

- if the call itself (respective research program indicated in Annex A) provides for the interview to be held electronically;

- for candidates resident or domiciled outside Italian territory and for those who reside and have their habitual domicile more than 300 km away from the selection venue, as the interview can also take place, upon request by indication in the application, electronically via the platform indicated in the corresponding program in Annex A). In this case, the candidates admitted to the interview will be contacted by the Commission at the email address indicated in the participation application.

The lack of the declarations referred to in letters a), c) will result in exclusion from the selection.

6. The application must indicate the email address as well as the one chosen by the candidate for selection purposes. Any possible variation thereof must be promptly communicated to the Service to which the request for participation was sent.

7. The declarations made in the application are to be considered issued pursuant to the Presidential Decree. n. 445/2000 and subsequent amendments, by candidates entitled to use the forms of simplification of administrative certifications permitted by the aforementioned decree.

8. Candidates must produce together with the application:

a) unauthenticated photocopy of an identity document in electronic format (.pdf, .jpg, .gif, etc.) via scan or digital photograph of the same;

b) professional scientific curriculum and self-certification relating to the truthfulness of the information reported therein, drawn up on the attached form B;

c) if a foreign citizen, photocopy of the residence permit if possessed, in electronic format (.pdf, .jpg, .gif, etc.) via scan or digital photograph of the same;

d) publications deemed useful for selection purposes. The aforementioned documents must be attached to the application in .pdf format and must be declared compliant with the originals by means of a specific declaration in lieu of the affidavit drawn up on the attached form C. The same declaration must contain the numbered and detailed list of files transmitted electronically, together with the application, as indicated in paragraph 1.

9. Pursuant to art. 15, paragraph 1, of law 12.11.2011, n. 183, candidates demonstrate possession of the qualifications exclusively through the declarations referred to in the aforementioned Presidential Decree. n. 445/2000 and subsequent amendments.

10. The same procedures provided for in the previous paragraphs for Italian citizens apply to citizens of the European Union. For the use of substitutive declarations by citizens not belonging to the European Union, please refer to art. 4.

11. Reference to qualifications or publications presented to this or other administrations, or to qualifications attached to another application for participation in another competition, is not permitted.

12. Works for which legal deposit has been made in the forms referred to in Lieutenant Legislative Decree no. are considered eligible for evaluation for the purposes of the public selections referred to in this announcement. 660/1945, as integrated and modified by law no. 106/2004 and by the Presidential Decree n. 252/2006.

13. The administration is required to carry out appropriate checks, including random checks, and in all cases where well-founded doubts arise about the truthfulness of the substitute declarations. If the above-mentioned check shows that the content of the declaration is not truthful, the declarant will lose any benefits resulting from the provision issued on the basis of the untruthful declaration, without prejudice to the provisions of the penal code and special laws on the matter.

14. The University assumes no responsibility for failure to receive the application due to technical problems with the functioning and/or configuration of the candidate's internet connectivity and email provider.

15. The University assumes no responsibility for the failure to receive communications, if it depends on the incorrect indication of the electronic address by the candidate or on the omitted or late communication of the change in the e-mail address indicated in the application, nor for any inconveniences attributable to third parties, fortuitous circumstances or force majeure.

ART. 4

Citizens of countries not belonging to the European Union – self-certifications

1. Citizens of countries not belonging to the European Union regularly residing in Italy can use the self-certifications established by the Italian Presidential Decree 445/2000 referred to above only in respect to the status, personal qualities and facts that can be certified or attested by Italian public bodies, without prejudice to the special provisions contained in the laws and regulations concerning immigration and the status of foreigner.

2. Outside the cases provided for in the preceding paragraph, citizens of countries not belonging to the European Union authorised to reside in the territory of the Country can use the aforementioned selfcertifications, if the same are produced under international agreements between Italy and the country of origin of the declarant.

ART. 5

Qualification assessment and interview

1. The committee works collegially with the help of all the members, also with the use of telematic and digital tools. It predetermines the general criteria for the evaluation of qualifications and for the interview and makes them known by posting them on the Department's website or posting them at the exam venue.

2. The examinations shall take place by videoconference or in attendance where indicated in Annex A) and aim to ascertain the candidate's preparation, experience and aptitude for research.

They shall consist of:

- assessment of the qualifications submitted;

- an interview, on the subjects specified by the Announcement and listed, for each research program, in Annex A to the same Announcement.

3. The selection board referred to in art. 6 below pre-determines the general criteria for the evaluation of qualifications and for the interview and makes them known through publication on the Department's website and contextual e-mail communication to all candidates, or posting them at the examination venue.

4. Works drawn up in cooperation may be considered as usable qualifications only if it is possible to separate and identify the contribution of each single author, so as to assess the candidate in the part concerning him/her.

5. An overall score of 40 is assigned to the candidate's scientific-professional curriculum as well as to documents certifying the qualifications and publications. If the research doctorate or the specialization diploma in the medical area represents a mandatory admission requirement for the selection, the following scoring rule will be applied to assessable qualifications and publications:

- qualifications and scientific professional curriculum up to 15 points;
- publications up to 25 points

In the other cases, the following scoring rule will be applied to assessable qualifications and publications:

- qualifications and scientific professional curriculum up to 10 points;
- preferential qualifications (research doctorate or specialization diploma in the medical area) up to 15 points;
- publications up to 15 points.

Candidates are admitted to the interview only if the assessment results in a score equal to or greater than 10 points.

6. The test timetable is contained, where provided for, in Annex A to this Announcement. **Such a notice is equivalent to notification to all intents and purposes.**

7. In the absence of the notice in paragraph 5 above, the test timetable, with the indication of the relevant place of examination, will be notified to all the candidates concerned by e-mail with acknowledgment of receipt at least fifteen days before the day of the examination.

8. The interview is conducted in telematic mode (videoconferencing via SKYPE or similar), regardless of the distance from the usual residence or domicile for the tests indicated in Annex A, which are conducted in telematic mode.

9. For the tests referred to in Annex A, which involve taking place in attendance, the interview shall take place in a room open to the public. If the research program chosen by the candidate listed in Attachment A provides that the interview may also be held electronically (video-conferencing via SKYPE or similar), and the candidate is resident or domiciled outside the Italian territory or resides or has his or her usual domicile over 300 km. away from the selection site, the interview may be held electronically, ensuring identification of the candidate and the publicity of the test. Candidates who intend to make use of this method must declare this in their application for admission to the selection process.

10. A score of 60 points is attributed to the interview. Candidates are deemed to have passed the interview if they reach a minimum score of 42/60.

11. The judging commission pre-determines the general criteria for the evaluation of qualifications and for the interview and makes them known by posting them on the website of the Department or by posting them at the exam venue.

12. In order to be admitted to the interview, the candidates shall submit a valid identification document. In order to be admitted, the candidates who submit expired identification documents must declare at the bottom of the photocopy of the same that the data contained therein have not changed since the date of issue.

ART. 6

Selection Committee

Formation and approval of the classifications

1. The Selection Committee is composed of three university professors, also from other Universities. One of them at least must be a first or second level tenured professor. They are appointed by the Rector on a proposal from the concerned institute.

2. Once the tests have been carried out, the Committee will draw up the relevant classification through the sum of the score assigned to the qualifications and the score achieved by each candidate during the interview. Winners will be named on the basis of the number of fellowships announced.

3. The classification of merit is approved and the winner of the public selection declared by Rector's Decree.

4. If the holder of the fellowship is unable to carry out his/her task for any reason whatsoever, the classification of merit can be used.

5. The classification of merit is published on the web notice board in the website of the University of Genoa. Objections may be raised starting from the date of the above publication.

ART. 7

Awarding of the research fellowship Research fellowships to non-EU citizens

1. The awarding of the grant is formalized through the stipulation of a private law contract between the University of Genoa and the subjects placed in a useful position in the merit ranking referred to in the art. 6, paragraph 3, for the duration specified in Annex A to this notice for each research programme, subject to verification of the prescribed requirements.

2. The contract does not in any way constitute a subordinate employment relationship and does not give rise to rights regarding access to University roles. The allowance is individual.

For the purposes of signing the contract, the winner of the procedure **MUST HAVE** a digital signature. The digital signature can be purchased through one of the suppliers that distribute the digital signature service. Any problems or difficulties related to the digital signature of the contract must be resolved through the instructions and support of your digital signature provider.

3. The overall duration of the relationships established following tenders issued pursuant to Law 30.12.2010 n. 240, including any renewals, cannot however exceed six years, excluding the period in which the grant was used in conjunction with the research doctorate, within the maximum limit of the legal duration of the relevant course.

4. The overall duration of the relationships established with the holders of grants activated following notices issued pursuant to Law 30.12.2010 n. 240 and the contracts referred to in art. 24 of Law 30.12.2010 n. 240, also with different universities, state, non-state or telematic, as well as with the bodies referred to in the art. 8, paragraph 1, with the same subject, cannot in any case exceed twelve years, even if not continuous.

5. For the purposes of the duration of the aforementioned relationships, periods spent on leave for maternity or health reasons according to current legislation are not relevant.

6. When signing the contract, the winner must sign the following declarations:

- not to be in any of the impeding conditions provided for by the art. 11;
- not to be a relative or similar, 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 Board of Directors;
- if employed by public administrations other than those referred to in the art. 8, paragraph 1, of having been placed on leave without pay;
- whether or not they have received a scholarship for the research doctorate;
- whether or not he has already been the holder of research grants awarded pursuant to art. 22 of law no. 240/2010;
- whether or not he has already been the holder of contracts referred to in the art. 24 of law no. 240/2010;

7. Citizens of states not belonging to the European Union may be awarded a research grant only if they hold a residence permit for scientific research pursuant to art. 27 ter of Legislative Decree no. 286/1998 and subsequent amendments. In such cases, the structure that requested the grant activates, in agreement with the competent offices of the Administration, the procedures aimed at obtaining the aforementioned residence permit

8. The research grant is awarded to the non-EU citizen only upon completion of the procedure described in paragraph 6.

ART. 8

Personal requirements

1. Employees of universities, institutions and public research and experimentation bodies, of the National Agency for new technologies, energy and sustainable economic development (ENEA) and of the Agency cannot be holders of research grants. Italian Space Agency (ASI), as well as the institutions whose scientific specialization diploma has been recognized as equivalent to the title of research doctor pursuant to article 74, fourth paragraph, of the decree of the President of the Republic of 11 July 1980, n. 382.

2. The research grant does not give rise to rights regarding access to university staff roles and does not in any way constitute an employment relationship.

3. The employee serving in public administrations other than those indicated in paragraph 1 is placed on leave without pay.

ART. 9

Economic and regulatory treatment

1 The financial charges deriving from these selections weigh on the financial resources of the departments and centers and must be transferred to the University budget, if necessary using any availability, even in the event of defaults or delays on the part of any third party contractors, every six months. anticipated.

2. The amounts of the research grants are determined by the Board of Directors pursuant to art. 1 of the Regulations for the awarding of research grants, taking into account the provisions of current legislation. In the contract referred to in art. 7 indicates the gross annual amount of the research grant; this amount is paid in deferred monthly installments.

3. The provisions of article 4 of law no. 13 August 1984 apply to the grants. 476, as well as, in social security matters, those referred to in article 2, paragraphs 26 et seq., of law 8 August 1995, n. 335, and subsequent amendments.

4. Changes in INPS rates re-determine the cost of the allowance annually.

5. The University provides insurance coverage in accordance with current regulations on the matter.

ART. 10

Research fellowship holders' rights and duties

1. The grant holders carry out their activities within the research projects and in close connection with their implementation, under the direction of the scientific director, in conditions of autonomy and without pre-determination of working hours.

2. The grant holder is required to submit a detailed annual report on the activity carried out annually to the Council of the relevant structure.

3. The grant holder can carry out part of the research activity abroad:

a) if he/she is the beneficiary of a scholarship, granted by national and foreign institutions, useful for integrating the research activity with stays abroad;

b) if the research activity abroad is consistent with the research program in which it collaborates, subject to authorization from the structure, upon a reasoned proposal from the scientific director; in this case, a possible contribution may be determined by the relevant structure and paid for by the same as a partial reimbursement of travel and accommodation expenses abroad.

4. The grant holder may participate in the comparative evaluation procedures for the awarding of contracts for teaching activities, both official and supplementary, provided that said activity is carried out outside of the commitment as a grant holder and is compatible with the research activity and subject to the opinion of the relevant structure, according to the methods established by the University regulations on the matter.

5. The grant holder can carry out journalistic activities, as a speaker at seminars, conventions and conferences, as well as orientation, tutoring and participation in exam commissions as an expert in the subject.

6. The grant holder may carry out activities within an academic spin-off, subject to authorization from the scientific director, according to the methods established by the relevant University regulations.

7. The fellow can be placed in clinical research groups, without direct patient care and assistance functions, under the direct control of the scientific manager.

ART. 11
Prohibition of plurality of offices – Incompatibility

1. The research grant cannot be cumulated with scholarships awarded for any reason, without prejudice to the provisions of art. 10, paragraph 3, letter. to).

2. Holding a research grant is not compatible with participation in degree courses, specialist or master's degrees, research doctorates with scholarship, medical specialization, in Italy or abroad and university master's degrees.

3. The ownership of the research grant is not compatible with employment relationships, without prejudice to the application of the art. 8 paragraph 3, with other collaboration contracts or with proceeds deriving from freelance activities carried out on a continuous basis, unless it is a limited self-employed activity to be carried out with the prior authorization of the scientific manager, and provided that such activity does not interfere with the carrying out the research activity and does not cause a conflict of interest with the University.

ART. 12
Absence from work

1. The provisions regarding compulsory maternity leave and the provisions of the decree of the Minister of Labor and Social Security of 12 July 2007, published in the Official Gazette no., apply to research grants. 247 of 23 October 2007, and, regarding sick leave, article 1, paragraph 788, of law 27 December 2006, n. 296, and subsequent amendments. During the period of compulsory maternity leave, the allowance paid by INPS pursuant to article 5 of the aforementioned decree of 12 July 2007 is integrated by the University up to the entire amount of the research grant.

2. The payment of the allowance is suspended during the period of compulsory or optional absence due to maternity, or in cases of unavailability due to illness of the holder for more than two months per year. In such cases the duration of the contract continues for a period equal to that of suspension. In all other cases of unavailability for periods exceeding two months per year, the University reserves the right to withdraw from the contract or suspend the salary.

ART. 13
Document submission

1. The candidate declared the winner, if an Italian or European Union citizen, for the purposes of ascertaining the required requirements and taking into account the declarations with unlimited validity already resulting in the application for participation in the selection, will be invited to submit to this University, within thirty days from the date of signing of the contract, the documents indicated below:

- a) declaration in lieu of certification certifying possession of citizenship, if more than six months have passed from the date of submission of the application;
- b) substitute declaration relating to the positions referred to in the art. 7, paragraph 5.

2. The citizen of a state not belonging to the European Union, regularly residing in Italy or authorized to reside there must produce, within the aforementioned thirty-day period, the substitutive declaration referred to in paragraph 1, letter. a), if more than six months have passed since the submission of the application and the conditions set out in art. 4. Possession of the requirements not included in the above declaration must be demonstrated by presenting suitable certification.

3. Except for the cases referred to in the previous paragraph, the non-EU citizen must submit within the aforementioned thirty day period:

- a) certificate attesting citizenship;
- b) certificate or attestation relating to the positions referred to in the art. 7, paragraph 5.

4. The documentation is considered to be produced in good time even if sent by registered mail with acknowledgment of receipt within the aforementioned deadline. For this purpose, the date stamp of the accepting post office is valid.

5. The grant holder is invited to regularize the documentation that is incomplete or affected by a remediable defect within 30 days from the date of receipt of the invitation, under penalty of termination of the contract.

ART. 14
Termination

1. The contract terminates automatically upon expiry of the term provided for in it. The holder of the research grant who intends to withdraw from the contract is required to notify the administration with at least thirty days' notice. Failure to communicate will result in the withholding of the fee in relation to the period of lack of notice.

2. The contract is also terminated as a result of the following conditions:

- a) cancellation of the public selection procedure;
- b) impossibility to continue collaboration in the research activity, without prejudice to the provisions of the art. 12, paragraph 2.
- c) violation of the obligations of conduct provided for in article 2, paragraph 3, of the Code of Conduct for employees of the University of Genoa, issued with D.R. n. 1143 of 02.27.2015, implementing the Presidential Decree. 16.4.2013 n. 62.

3. The procedure for terminating the contract can also be started, at the request of the scientific director, if serious breaches on the part of the grant holder occur.

4. The administration proceeds with the termination of the contract following a resolution of the Council of the structure to which the grant holder belongs and a reasoned negative report on the activity carried out by the same prepared by the scientific director of the research.

ART. 15
Processing of personal data

1. The personal data provided by the candidates will be collected by the University of Genoa, "Personnel Area - Management Sector of the legal status of teaching staff and research fellows", and processed for the purposes of managing the selection, according to the provisions provided for by EU Regulation 2016/679 (GDPR – General Data Protection Regulation) and Legislative Decree 30/6/2003, n. 196 (Personal data protection code), as amended by Legislative Decree. 10.08.2018, n. 101.

ART. 16
Reference concerning the execution of the selection procedure

1. For anything not provided for in this announcement, the provisions contained in the rules cited in the introduction apply and, in particular, those provided for in the "Regulations for the awarding of research grants" referred to in D.R. n. 5389 of 12/28/2020, as well as those provided for by the Consolidated Law on legislative and regulatory provisions regarding administrative documentation, referred to in the Presidential Decree. n. 445/2000.

Genoa, 2.8.2024

THE RECTOR
Signed Prof. Federico Delfino

SCIENTIFIC DISCIPLINARY AREA MATHEMATICS AND INFORMATICS
--

RESEARCH PROGRAM NO. 1

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 16.10.2024 at 16:30**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 21.10.2024 at 16:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 22.10.2024 starting from 16.30** electronically via videoconference **by platform Teams**.

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Francesca MORSELLI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Dissemination and Teaching of Mathematics

Description: The project involves theoretical reflection on the relationship between popularization and mathematics education, the development of best practices for the dissemination of mathematics, and the experimentation of activities that utilize popularization for educational purposes.

Scientific disciplinary sector: MAT/04 MATEMATICHE COMPLEMENTARI now MATH-01/B DIDATTICA E STORIA DELLA MATEMATICA

Place: Dipartimento di Matematica (DIMA)

Required degree: Dottorato di ricerca con tesi in didattica della Matematica

Subjects of the interview: Theoretical elements for framing the dissemination of mathematics, theoretical frameworks for framing effective mathematics lessons.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 2

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 13:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 16:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 09.10.2024 starting from 16:30** at Dipartimento di Matematica (DIMA), Via Dodecaneso 35, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Giovanni ALBERTI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Funding: ERC Starting Grant SAMPDE – 101041040 Project AFOSR: 100021-2023-MS-ALTRI-INT_AFOSR_GEMIP

Title: Sampling for inverse problems.

Description: The objective of this position is to study sampling problems for inverse problems based on integral and differential operators. The postdoc will use compressed sensing techniques in order to obtain results both in the linear and in the nonlinear setting.

Scientific disciplinary sector: MAT/05 ANALISI MATEMATICA now MATH-03/A ANALISI MATEMATICA

Place: Dipartimento di Matematica (DIMA)

Required degree: Laurea magistrale della classe LM-40 Matematica

Subjects of the interview: inverse problems, partial differential equations, compressed sensing.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 3

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 09:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 15:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 08.10.2024 starting from 09:30** electronically via videoconference **by platform Skype**.

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Edoardo MAININI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Funding: Project **_100025-2023-PB-MISE-SE_001, MISE UAF Project, Prof. Bagnerini**

Title: Analytical and numerical aspects of evolution models with free boundaries

Description: The project is about nonlinear evolution problems, with possible applications to flame propagation models

Scientific disciplinary sector: MAT/05 ANALISI MATEMATICA now MATH-03/A ANALISI MATEMATICA

Place: Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME)

Required degree: Laurea Magistrale delle classi: LM-17 Fisica, LM-40 Matematica, LM-44 Modellistica matematico-fisica per l'ingegneria

Subjects of the interview: Discussion of titles and research activity. Each candidate shall present his/her main results (including for instance the results from his/her master thesis or his/her scientific publications) in the context of Mathematical Analysis, Numerical Analysis, Differential Equations and their applications.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 4

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 04.10.2024 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 09.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 10.10.2024 starting from 14:00** electronically via videoconference **by platform Skype**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Cristina CAMPI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 27.133,00

Funding: EIC PathFinder project “Revolutionary high-resolution human 3D brain organoid platform integrating AI-based analytics (3D-BrAIIn)”

Title: Computational methods for time-series measured in organoids.

Description: The researcher is expected to work within the EIC PathFinder project “Revolutionary high-resolution human 3D brain organoid platform integrating AI-based analytics (3D-BrAIIn)”. In particular, the researcher will work at the development of computational methods for the classification of signals measured in brain organoids.

Scientific disciplinary sector: MAT/08 ANALISI NUMERICA now MATH-05/A ANALISI NUMERICA

Place: Dipartimento di Matematica (DIMA)

Required degree: Laurea magistrale delle classi LM-40 Matematica, LM-17 Fisica , LM-18 Informatica, LM-32 Ingegneria Informatica , LM-21 Ingegneria Biomedica)

Subjects of the interview: The interview will mainly focus on the knowledge of computational methods for data and image analysis and their implementation in Python.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 5

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 14:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 10:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 08.10.2024 starting from 16:00** electronically via videoconference **by platform Skype**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Anna Maria MASSONE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 27.133,00

Funding: AIxtreme Project (Company of San Paolo Foundation)

Title: Development of AI approaches for flare forecasting and for the prediction of CMEs travel time.

Description: The research project concerns the development of physics-driven artificial intelligence techniques for flare forecasting and for the prediction of CMEs travel time to Earth from the Sun.

Scientific disciplinary sector: MAT/08 ANALISI NUMERICA now MATH-05/A ANALISI NUMERICA

Place: Dipartimento di Matematica (DIMA)

Required degree: Laurea Magistrale delle classi LM-40 Matematica, LM-17 Fisica, LM-18 Informatica

Subjects of the interview: The interview will mainly focus on the knowledge of machine learning and deep learning computational techniques

RESEARCH PROGRAM NO. 6

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 09:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 16:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 08.10.2024 starting from 09:00** electronically via videoconference **by platform Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Giorgio DELZANNO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: Cascading call from the National HPC Center

Title: Analysis of the potential of Confidential Computing for handling sensitive data.

Description: The aim of the project is to analyse the potential and tools currently available in the field of Confidential Computing for the design of systems for the acquisition and analysis of sensitive data in different applications. In particular, hardware and software systems supporting data protection will be analysed during execution (e.g. architectures providing Trusted Execution Environment, Sandboxing, etc.).

Scientific disciplinary sector: INF/01 INFORMATICA now INFO-01/A INFORMATICA

Place: Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

Required degree: Laurea V.O. in Informatica; Laurea Specialistica della classe 23/S Informatica, 35/S Ingegneria Informatica; Laurea Magistrale delle classi: LM-18 Informatica, LM-32 Ingegneria Informatica.

Subjects of the interview: hardware/software architectures high performance computing computer security.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 7

Scientific coordinator: Prof. Lorenzo ROSASCO

NO. 1 research fellowship - Duration months 6 – Annual pre-tax amount: € 13.566,5

Funding: Project FARE “ML4IP” – ID R205T7J2KP – CUP D33C22001730001

Title: Scalable causal inference for efficient KIV regression.

Description: This project addresses scalability issues in kernel methods for nonparametric instrumental variable (IV) regression by developing efficient large-scale machine learning systems. Traditional IV regression, like two-stage least squares (2SLS), assumes linear relationships and misses complex interactions. Kernel IV Regression (KIV) overcomes this but is computationally intensive with large datasets. We propose using random projections and sketching techniques to reduce dimensionality and approximate kernel matrices efficiently. This integration into KIV will be validated through extensive experiments, demonstrating scalability and accuracy. This project aims to enhance the practicality of advanced causal inference for large-scale data analysis.

Scientific disciplinary sector: INF/01 INFORMATICA now INFO-01/A INFORMATICA

Sede: Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

Required degree: Laurea magistrale delle classi LM-18 Informatica, LM-32 Ingegneria informatica

Subjects of the interview: Scalability and Efficiency in Causal Inference; Dimensionality Reduction Techniques; Kernel Methods.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 8

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 04.10.2024 at 09:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 09.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 11.10.2024 at 11:00** at Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Stefano ROVETTA

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Development of a system enabling recovery of critical raw materials from electronic waste

Description: Implementing a circular economy system and process for the electronic industry, aimed at extracting critical raw materials (those with industrial value and with high risk associated to their supply) from WEEE. The activity will build on computer vision techniques, with the aid of artificial intelligence algorithms, for selecting different electronic components on waste circuit boards, so as to increase the density of specific critical raw materials. Such sorting will allow to use chemical-physical processes to extract specific materials, to be provided again to the production chain in electronic components industry.

Scientific disciplinary sector: INF/01 INFORMATICA now INFO-01/A INFORMATICA

Place: Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

Required degree: Laurea magistrale delle classi LM-18 Informatica, LM-32 Ingegneria informatica

Subjects of the interview: FPGA, Machine learning, Computer vision, Circular economy in the electronics value chain.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 9

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 11:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 10.10.2024 at 10:00** at Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS) via Dodecaneso 35, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Fabio SOLARI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: Interreg Alcotra INTEVIDI (n. 20178) “Digital technological innovation in the rehabilitation of social interactions throughout the life cycle”.

Title: Visual perception and interaction in virtual and augmented reality environments.

Description: Virtual, augmented and extended reality (XR) can be an effective tool for training, evaluation and rehabilitation (e.g. social interactions throughout the life cycle), including through serious games. The objective of this research activity is to develop algorithms to improve XR systems and XR applications to provide interactive systems that adapt to the type of user, with attention to aspects of interaction and visual perception. The activity may be conducted in collaboration with the SC of Psychology of ASL1 Imperiese and with the Université Côte d'Azur with possible periods at these locations. In particular, we consider: realistic avatars (MetaHuman, Epic Games), foveated rendering, distance estimation, in-depth motion estimation, audio, biometric signals.

Scientific disciplinary sector: INF/01 INFORMATICA now INFO-01/A INFORMATICA

Place: Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS)

Required degree: Laurea Magistrale delle classi LM-18 Informatica, LM-21 Ingegneria biomedica, LM-32 Ingegneria informatica.

Subjects of the interview: Fundamentals of Virtual and Augmented Reality; fundamentals of visual perception and interaction; natural visual perception in VR/AR environments; interaction and rendering techniques in VR environments; experimental session management with human participants; experimental session data management with human participants; object-oriented programming (C++ and C#) and game engines (e.g. Unity3D and Unreal).

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 10

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 14:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 10.10.2024 starting from 14:00** electronically via videoconference **by platform Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Giulia ROSSI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 27.133,00

Title: Computational study of the mechanical properties of extracellular vesicles.

Description: Extracellular vesicles (EVs) are biological nanoparticles that perform intercellular communication functions in physiological and pathological processes. Therefore, EVs show promise in various therapeutic and diagnostic applications. Recently, the microfluidic approach has emerged as a promising approach for the characterization, isolation, and quantification of EVs. In this type of experimental set-up, vesicles can be subjected to shear flows whose effect on the vesicles, in terms of deformation, rupture, and tendency to aggregate, are largely unknown. This project is aimed at studying, through out-of-equilibrium Molecular Dynamics techniques, the behavior of lipid vesicles, with composition inspired by extracellular vesicles, in the presence of shear flows.

Scientific disciplinary sector: FIS/03 FISICA DELLA MATERIA now PHYS-04/A FISICA TEORICA DELLA MATERIA, MODELLI, METODI MATEMATICI E APPLICAZIONI

Place: Dipartimento di Fisica (DIFI)

Required degree: Laurea Magistrale della classe LM-17 Fisica.

Subjects of the interview: The interview will focus on any specific skills of the candidates in the field of molecular simulations, acquired both during their studies and during subsequent research experiences, and on the motivations of the candidates to undertake the research work foreseen by the project.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 11

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 07.10.2024 at 09:30**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 10.10.2024 at 09:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 11.10.2024 at 14:30** presso il Dipartimento di Fisica (DIFI), via Dodecaneso 33, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof.ssa Ornella CAVALLERI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Hybrid bio/inorganic interfaces for biosensing.

Description: Functionalization of inorganic surfaces using biomolecules allows the design of hybrid bio/inorganic interfaces that exhibit the functional properties of the deposited biomolecules. Among the applications of functionalized surfaces, the development of biosensors is of considerable interest. The activity will involve the deposition of DNA filaments on surfaces using the self-assembly technique and the study of molecular recognition processes (DNA/RNA, DNA/DNA, antibody/antigen) using atomic force microscopy (AFM), optical spectroscopy (spectroscopic ellipsometry) and photoemission spectroscopy (XPS). Furthermore, advanced AFM nanolithography techniques will be used to create arrays of sensitive platforms for the parallel recognition of different analytes.

Scientific disciplinary sector: FIS/07 FISICA APPLICATA A (BENI CULTURALI, AMBIENTALI, BIOLOGIA E MEDICINA) now PHYS-06/A FISICA PER LE SCIENZE DELLA VITA, L'AMBIENTE E I BENI CULTURALI

Sede: Dipartimento di Fisica (DIFI)

Required degree: Laurea Magistrale delle classi LM-17 Fisica, LM-53 Scienza e ingegneria dei materiali.

Subjects of the interview: Preparation and characterization of organic films on surfaces. Self-assembly of DNA on surfaces. Applications of atomic force microscopy for imaging and nanolithography. Spectroscopic ellipsometry for the study of ultra-thin films. X-ray photoelectron spectroscopy for the study of organic-inorganic hybrid interfaces.

The candidate will need to prove his/her knowledge of the English language.

SCIENTIFIC DISCIPLINARY AREA CHEMISTRY

RESEARCH PROGRAM NO. 12

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 10:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 10:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 08.10.2024 at 10:00** at Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Aula del VI Piano, Palazzo delle Scienze, Corso Europa 26, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Skype. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Giorgio BAVESTRELLO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Biodiversity of the karst lakes and the marine adjacent areas in the Ha Long Bay (Vietnam).

Description: This research program aims to study the biodiversity of the karst salt lakes of Ha Long Bay (North Vietnam). All collected data will be organised in a Geographic Information System (GIS) to develop a computerised database of the existing species and a biocenosis distribution map as a tool for biodiversity monitoring and conservation. The main topics of this project are: A) Study of the biodiversity of all the lakes that were the subject of a preliminary study 20 years ago and also of the lakes that will be visited for the first time. B) Study the relationships with the communities living in the bay in the adjacent areas. C) Study the anthropogenic impact on the lakes to suggest a protection plan for these unique environments.

Scientific disciplinary sector: BIO/05 ZOOLOGIA now BIOS-03/A ZOOLOGIA

Place: Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV)

Required degree: Laurea Magistrale delle classi LM-6 Biologia (biologia ed ecologia marina), LM-75 Scienze e tecnologie per l'ambiente e il territorio.

Subjects of the interview: Systematic, biology and ecology of the main groups of marine benthos.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 13

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 08.10.2024 at 08:30**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 11.10.2024 at 08:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 11.10.2024 at 14:00** at Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Laboratorio di Ecologia del Paesaggio Marino, ufficio 30, terzo piano Palazzo delle Scienze, corso Europa 26, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Skype. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof.ssa Monica MONTEFALCONE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Update of the knowledge on marine species and habitats listed in the annexes of the Habitats Directive and distributed in the Italian seas.

Description: This project aims to update the knowledge on 27 species and 8 marine habitats distributed in the Italian seas and listed in Annexes I, II, IV and V of the Habitats Directive. A screening of the existing bibliography will initially be conducted, with the aim of collecting updated information on: distribution in the Italian seas, size of populations, extension and quality of typical habitats, pressures and threats, conservation measures for the species; distribution and extension in Italian seas, structure and functions, pressures and threats and conservation measures for habitats. The data collected will be integrated with the data received from the Regions, aggregating them at a national level. The overall knowledge framework on the species and habitats obtained will ultimately allow an assessment of their conservation status.

Scientific disciplinary sector: BIO/07 ECOLOGIA now BIOS-05/A ECOLOGIA

Place: Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV)

Required degree: Laurea magistrale delle classi LM-75 Scienze e tecnologie per l'ambiente e il territorio, LM-6 Biologia (biologia ed Ecologia Marina).

Subjects of the interview: Marine ecology, assessment of marine biodiversity, management and conservation of biodiversity, monitoring of benthic marine species and habitats, Marine Protected Areas. The candidate must demonstrate a good knowledge of the most recent results published in the international scientific literature in the sector.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 14

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 09.00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 11.10.2024 at 09:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 11.10.2024 starting from 14:00** electronically via videoconference **by platform Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Marco BOVE

NO. 1 research fellowship - Duration years 2 – Annual pre-tax amount: € 19.367,00

Funding: Bove M. - DINOEMI/DIMES (FISM) funds, Project code 100008-2024-MB-ALTRIPRIVN_dinogmi_dimes_fism for €40,000.00 and Bove M. funds - Self-financed research project Project code 100008-2012-BM-DIP_01 for €7,782.00 - Fund manager Prof. Marco Bove

Title: Neuroimaging investigation of the cortical neural correlates of voluntary movements.

Description: The study of voluntary movements in humans is addressed with methods aimed at investigating the sensory and motor behavioral aspects of movement and the related neural correlates. Inertial sensors (IMU) have recently been proposed to measure kinematic variables associated with new methodologies for the acquisition of cerebral cortical activity in ecological situations. The project aims to study cortical activity using fNIRS during motor tasks involving the upper and lower limbs. The research fellow will be in charge for the implementation of the experimental paradigms related to the project, the acquisition of cortical and kinematic data and their processing, by developing dedicated analysis algorithms.

Scientific disciplinary sector: BIO/09 FISIOLOGIA now BIOS-06/A FISIOLOGIA

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree: Laurea Magistrale della classe LM-21 Ingegneria biomedica.

Subjects of the interview: Neuroimaging techniques to investigate cerebral cortical activity in humans; Neurophysiology of voluntary movements.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 15

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 14:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 14:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 09.10.2024 at 14:30** at Dipartimento di Medicina Sperimentale (DIMES), Sezione di Anatomia Umana, Via De Toni 14, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof.ssa Silvia RAVERA

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: Ravera S.- MFAG 2021 ID 25850

Title: Evaluation of mitochondrial biogenesis and dynamics and oxidative stress markers in mononuclear cells isolated from childhood cancer survivors.

Description: Childhood cancer survivors are characterized by cellular damage associated with early aging. Considering that oxidative stress not compensated by adequate antioxidant defenses and impaired mitochondrial function due to alterations in their morphology and dynamics are at the basis of cellular aging, this project aims to investigate whether mononuclear cells isolated from childhood cancer survivors show alterations in mitochondrial biogenesis and dynamics and the oxidative profile compared to age-matched healthy subjects.

Scientific disciplinary sector: BIO/16 ANATOMIA UMANA now BIOS-12/A ANATOMIA UMANA

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree: Dottorato di Ricerca nell'ambito di Biologia Molecolare, Biotecnologie, Scienze Mediche e Farmaceutiche.

Subjects of the interview: Discussion of the candidate's CV and previous experience; Mechanisms of biogenesis and mitochondrial dynamics; Metabolic pathways associated with the oxidative stress production and antioxidant responses.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 16

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 9:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 14:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

Svolgimento del colloquio: **on 08.10.2024 at 15:30** at Dipartimento di Scienze della Salute (DISSAL), Padiglione 3, Sala riunioni Piano II, L.go R. Benzi 10, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Paolo DURANDO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 27.133,00

Funding: Bric 2022 Call – INAIL - Project: The rehabilitation approach as a qualifying factor in the evaluation of reasonable accommodation for workers with multiple sclerosis – CUP D33C22002050001

Title: Rehabilitation approach as a qualifying factor in the assessment of reasonable accommodation for the worker with multiple sclerosis.

Description: State of the art analysis and literature review through scopus analysis or systematic review with meta-analysis. The relationship between rehabilitation (vocation rehabilitation), multidisciplinary rehabilitation, and work activity in people with disabilities will be analyzed. The results of this analysis will be used in the next steps to better identify rehabilitation needs and interventions. Survey aimed at the Italian and European network of rehabilitation centers that specifically treat people with MS to investigate how issues related to job retention/reintegration are treated in rehabilitation terms. Specifically, the different Italian and European rehabilitation realities will be analyzed in terms of organization, presence/absence of multidisciplinary teams, operators dedicated to work-related rehabilitation aspects, protocols in use, other.

Scientific disciplinary sector: MED/44 MEDICINA DEL LAVORO now MEDS-25/B MEDICINA DEL LAVORO

Place: Dipartimento di Scienze della Salute (DISSAL)

Required degree: Laurea Magistrale della classe LM-41 Medicina e Chirurgia.

Subjects of the interview: Applied research activities in occupational health and safety protection; knowledge of the epidemiology of multiple sclerosis in the working population; knowledge of factors aggravating occupational outcomes of individuals with multiple sclerosis.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 17

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 04.10.2024 at 8:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 09.10.2024 at 8:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 09.10.2024 starting from 12:00** electronically via videoconference **by platform Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Maria MENINI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Fracture strength and adhesion of dental veneers realized in different materials and with different preparation techniques.

Description: The aim of this study will be to evaluate whether minimal enamel preparation with ultrasonic instruments (with enamel invasion up to a maximum of 0.3 mm) allows for greater resistance to detachment of dental veneers compared to no enamel preparation. Upper human incisor teeth (central and lateral) will be used, randomly divided into groups that will receive different types of preparation (no-prep vs. minimally invasive preparation) and veneers in different materials (zirconia vs. lithium disilicate). The samples will be subjected to thermocycling and then mechanically loaded to evaluate the maximum force applied to obtain detachment, fracture or chipping of the veneer.

Scientific disciplinary sector: MED/28 MALATTIE ODONTOSTOMATOLOGICHE now MEDS-16/A Malattie odontostomatologiche

Place: Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC)

Required degree: Laurea Specialistica della classe 52/S Odontoiatria e Protesi Dentaria, Laurea Magistrale della classe LM-46 Odontoiatria e Protesi Dentaria.

Subjects of the interview: Pathophysiology of the odontostomatologic system, implant-prosthetic rehabilitation of the partially and completely edentulous patient.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 18

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 10:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 10:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 10.10.2024 at 14:30** at Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Aula museo Pad.16 primo piano, Istituto Giannina Gaslini - Via G. Gaslini n. 5, Genova

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Zoom. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Stefano VOLPI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: FIS00002235

Title: Combining gene editing and iPS to study and treat monogenic autoinflammatory diseases.

Description: Despite the promises of gene editing to transform the field of hematopoietic stem cell gene therapy, several challenges remain to be overcome before its clinical development. One of the main limitations is the poor efficiency of the current genetic editing protocols based on homologous recombination. The project aims to test new genetic engineering strategies with to develop in vitro models based on induced pluripotent stem cell (iPS) technology to study the pathogenesis and to improve the therapeutic intervention in an hereditary inflammatory disease, STING activated Vasculopathy with onset in infancy (SAVI), for which a conventional gene therapy approach cannot be used.

Scientific disciplinary sector: MED/38 PEDIATRIA GENERALE E SPECIALISTICA now MEDS-20/A Pediatria generale e specialistica

Place: Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI)

Required degree: Laurea magistrale delle classi LM-9 Biotecnologie Mediche, veterinarie, farmaceutiche, LM-6 Biologia.

Subjects of the interview: Methods for cell culture, generation of iPS cell lines, principal strategies for gene editing.

The candidate will need to prove his/her knowledge of the English language.

SCIENTIFIC DISCIPLINARY AREA CIVIL ENGINEERING AND ARCHITECTURE
--

RESEARCH PROGRAM NO. 19

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2023 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 11.10.2024 starting from 10:00** electronically via videoconference **by platform MS-teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Giorgio BONI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: SPES funds

Title: Assessing Anthropogenic Drought and Its Impact on Meteorological and Hydrological Droughts: Insights from Italian river catchments.

Description: Traditional drought classifications include meteorological, agricultural, hydrological and socioeconomic aspects but understanding the impact of increased human demand for water on extreme environmental conditions is often overlooked. Human activities significantly influence drought propagation, particularly in connections between meteorological and hydrological droughts (CMHD). Recent studies have identified human activities as a key driver of CMHDs, climate variability, and watershed characteristics. Through water balance modeling and comparison with modeling and observation databases, the research proposal aims to distinguish human influences on CMHD from natural variability and correspondingly identify anthropogenic drought in some significant areas of our country.

Scientific disciplinary sector: ICAR/02 COSTRUZIONI IDRAULICHE E MARITTIME E IDROLOGIA
now CEAR-01/B COSTRUZIONI IDRAULICHE E MARITTIME E IDROLOGIA

Place: Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA)

Required degree: Laurea Magistrale della classe LM-26 Ingegneria della sicurezza.

Subjects of the interview: Hydrology, hydrological modeling, quantification models of different types of drought, elements of sociohydrology.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 20

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 09:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 14:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 10.10.2024 starting from 09:00** electronically via videoconference **by platform Microsoft Teams**.

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Francesco DE LEO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Title: Coastal hydrodynamic modeling and NBS assessment for marine protected areas.

Description: The researcher will be required to develop a comprehensive study on the so-called Nature-Based Solutions (NBS) in the framework of maritime and coastal engineering, through a review of the scientific literature and the analysis of case studies, such as existing projects and best practices. Subsequently, the researcher will perform numerical modeling concerning some of the identified NBS through codes aimed at reproducing coastal hydro-morphodynamics and assess their performances for selected study sites. The analyses will be particularly focused on areas where the DICCA has already collaborated through previous cooperation projects, such as the Bay of Porto Palermo and/or the Narta Lagoon in Albania.

Scientific disciplinary sector: ICAR/02 COSTRUZIONI IDRAULICHE E MARITTIME E IDROLOGIA
now CEAR-01/B COSTRUZIONI IDRAULICHE E MARITTIME E IDROLOGIA

Place: Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA)

Required degree: Dottorato di ricerca in Ingegneria Ambientale, Scienze del Mare.

Subjects of the interview: Ocean waves and coastal hydrodynamics modeling and analysis; coastal erosion processes; maritime constructions.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 21

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 3.10.2024 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the email address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 8.10.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held **on 10.09.2024 at 10:00** at Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Responsabile scientifico: Prof. Stefano PODESTÀ

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Title: Structural analysis of University of Genoa building heritage – San Martino Campus.

Description: The decay level of University Campus of San Martino puts in evidence several critical issues. To guarantee an adequate safety level, according to the Italian Technical Code, we must perform structural analyses able to consider several constructive details. The buildings were built at the beginnings of 1900 using the Hennebique patent based on an ancient concrete system. The evaluation of structural response is possible through the knowledge both of the constructive details of Hennebique patent and of the interaction with other structural elements (masonry infill) because they create together the resistant structural part of the building. The research will be finalized to the definition of adequate numerical model for the evaluation of structural behavior of these constructions.

Scientific disciplinary sector: ICAR/09 TECNICA DELLE COSTRUZIONI now CEAR-07/A TECNICA DELLE COSTRUZIONI

Place: Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA)

Required degree: Laurea Magistrale della classe LM-23 Ingegneria Civile

Subjects of the interview: Seismic response of historical buildings, diagnostic techniques of masonry or reinforced concrete structures, monitoring and relief procedures.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 22

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 9:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 08.10.2024 starting from 10:30** electronically via videoconference **by platform Microsoft Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Carlo BATTINI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Title: Study and analysis of three-dimensional survey systems for the digitalisation of buildings.

Description: The field of three-dimensional survey applied to engineering and architecture today sees multiple solutions and operational methodologies. With this research project we intend to investigate and define operational protocols for the use of 3D survey data in the field of engineering and restoration, analyzing possible scenarios of use and testing solutions capable of optimizing the calculation and data restitution.

Scientific disciplinary sector: ICAR/17 DISEGNO now CEAR-10/A DISEGNO

Place: Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA)

Required degree: Laurea magistrale della classe LM-35 Ingegneria per l'ambiente e il territorio.

Subjects of the interview: Use of terrestrial laser scanning systems; Aerial and terrestrial photogrammetric acquisition systems; Three-dimensional polygonal modeling; Parametric three-dimensional modeling.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 23

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 07.10.2024 at 18:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 10.10.2024 at 15:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 10.10.2024 starting from 18:00** electronically via videoconference by platform **Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Ilaria DELPONTE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Accessibility mapping for transport infrastructures. Characterization indicators and performance indices in terms of territorial connectivity and accessibility and analysis of their correlation. Potential spin-offs in terms of policy evaluation and development of guidelines for replicability of the methodology.

Description: The aim of the grant is to: § Create a database linking infrastructure data, socio-economic variables, spatial characterisations, flow information, for the definition of complex accessibility indices and cartographic representations, with associated description of functional requirements; § Creation of a new analytical methodology for the correlation of collected infrastructure accessibility indicators; § Evaluation of spatial impacts and related policies; § Develop guidelines for the construction of the analysis methodology and its replicability. The aim of the activity is to assess the relationship between the infrastructure endowment of a territory and the different levels of accessibility and connectivity at different scales.

Scientific disciplinary sector: ICAR/20 TECNICA E PIANIFICAZIONE URBANISTICA now CEAR-12/A TECNICA E PIANIFICAZIONE URBANISTICA

Place: Centro Italiano di Eccellenza sulla Logistica Integrata (CIELI)

Required degree: Laurea magistrale della classe LM-04 Architettura e ingegneria edile-architettura.

Subjects of the interview: Transport planning, gis models, accessibility indicators.

The candidate will need to prove his/her knowledge of the english language.

SCIENTIFIC DISCIPLINARY AREA INDUSTRIAL AND INFORMATION ENGINEERING

RESEARCH PROGRAM NO. 24

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 23.09.2024 at 12:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 26.09.2024 at 12:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 30.09.2024 starting from 12:00** electronically via videoconference by **platform Microsoft Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Stefano BARBERIS

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Funding: 50% HORIZON EUROPE SHARP-SCO2 project (HEAD Prof. Traverso) – 50% FACTORIAL project - Factory-ready advanced thermal storage solution for industrial heat on demand – COMPAGNIA DI SANPAOLO (HEAD Prof. Barberis)

Title: Development of thermo-economic simulation models for innovative supercritical CO₂ cycles for energy storage and power plants.

Description: The development of innovative power cycles operating with CO₂, in transcritical or supercritical conditions is of increasing interest at an international level for application that spans from heat recovery from industrial waste up to the conversion of solar energy (CSP as studied in SHARP-sCO₂ project) or also energy storage through reversible systems called Carnot batteries (exploiting TES as those ones studied in FACTORIAL Project). The research activity covered by this grant concerns the development and use of modular simulation software for CO₂-based energy systems. Starting from an already existing platform, the researcher will have to refine the numerical convergence method based on the iterative resolution of equations, in which the unknowns can be freely determined by the user.

Scientific disciplinary sector: ING-IND/09 SISTEMI PER L'ENERGIA E L'AMBIENTE now IIND-06/B SISTEMI PER L'ENERGIA E L'AMBIENTE

Place: Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME)

Required degree: Laurea V.O. in Ingegneria Meccanica; Laurea Specialistica della classe 36/S Ingegneria meccanica; Laurea Magistrale della classe LM-33 Ingegneria meccanica.

Subjects of the interview: Models for the thermoeconomic simulation of energy systems; issues related to the management/sizing of thermal storage and long-term energy storage, techniques and algorithms for the development of performance models for the simulation of energy systems.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 25

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 3.10.2024 at 08:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the email address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 08:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on 07.10.2024 at 14:00 at Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), sede di via Montallegro 1, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Alberto TRAVERSO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Development of innovative digital systems applied to rotating machinery diagnostics and energy harvesting.

Description: This activity has a twofold purpose: on the one hand, to continue the study of the diagnostics of rotating machines on specific experimental demonstrators using innovative sensors, and on the other, to develop the application of the same sensors also for energy harvesting from oscillating masses. The grant holder, starting from an existing methodological basis, will analyze new field data for compressor diagnostics, possibly evaluating new processing algorithms. In parallel to this activity, which will allow to acquire familiarity with the sensors used in the field, the grant holder will have to develop multi-physics performance models for the use of the same sensors for energy harvesting from oscillating masses in confined environments, subjected to periodic movements caused for example by marine wave motion.

Scientific disciplinary sector: ING-IND/09 SISTEMI PER L'ENERGIA E L'AMBIENTE now IIND-06/B SISTEMI PER L'ENERGIA E L'AMBIENTE

Place: Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME)

Required degree: Laurea V.O. in Ingegneria Meccanica, in Fisica; Laurea Specialistica della classe 36/S Ingegneria meccanica, 20/S Fisica; Laurea Magistrale della classe LM-33 Ingegneria meccanica, LM-17 Fisica.

Subjects of the interview: Energy systems, fluid dynamics, power plants, microturbines, dynamics and controls of complex systems, renewable energy sources, power plant simulation.

The candidate will need to prove his/her knowledge of the english language.

RESEARCH PROGRAM NO. 26

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 04.10.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 9.10.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held **on 9.10.2024 at 14:00** at Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via Opera Pia 15a, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Luigi CARASSALE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Title: Modeling of geometric uncertainties of mechanical systems.

Description: Geometrical uncertainties may be produced by imperfections of the manufacturing process, as well as the effects corrosion and wear. They may be idealized as a random field defined on the external surface of the component and represented through a probabilistic model formulated on the basis of empirical observations. When the geometric uncertainty is small, its effects may be estimated using a linear propagation procedure. To this purpose, it is necessary to compute the derivatives of the system matrices with respect to the change of the geometry. This project is aimed at developing methods to calculate the derivatives of the system matrices (mass, elastic stiffness, geometric stiffness) with respect to the amplitude of the geometric imperfection. The applications will be development in the context of turbomachinery.

Scientific disciplinary sector: ING-IND/13 MECCANICA APPLICATA ALLE MACCHINE now IIND-02/A MECCANICA APPLICATA ALLE MACCHINE

Place: Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME)

Required degree: Laurea magistrale della classe LM-33 Ingegneria meccanica.

Subjects of the interview: Mechanical vibrations and finite element method

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 27

Scientific coordinator: Prof. Giovanni INDIVERI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Title: Cooperative and coordinated autonomous underwater robots supported by an acoustic communication network.

Description: The use of Autonomous Underwater vehicle (AUV) robot teams has growing interest in industrial, environmental protection and monitoring, and defense applications. In particular, cooperative and coordinated multi-vehicle systems supported by appropriate underwater networking capabilities can be reconfigured for a wide range of missions. The research activity planned during the Assegno involves the study, simulation and implementation of navigation, guidance and control logic for AUV X-300 vehicles in missions, e.g., Anti Submarine-Warfare (ASW), Mine-Counter Measures (MCM), Rapid Environmental Assessment (REA) and Seabed Warfare (SBW).

Scientific disciplinary sector: ING-INF/04 AUTOMATICA now IINF-04/A AUTOMATICA

Place: Centro Interuniversitario di Ricerca di Sistemi integrati per l'Ambiente marino (ISME)

Required degree: Laurea magistrale delle classi LM-32 Ingegneria informatica, LM-25 Ingegneria dell'automazione.

Subjects of the interview: Marine robotics: navigation, guidance and control of marine robots. SW architectures for simulation and control of cooperating and distributed marine robotic systems. Programming of robotic systems.

The candidate will need to prove his/her knowledge of the english language.

SCIENTIFIC DISCIPLINARY AREA HISTORY, PHILOSOPHY, PEDAGOGY AND PSYCHOLOGY
--

RESEARCH PROGRAM NO. 28

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 3.10.2024 at 14:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 8.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 8.10.2024 at 17:00** at Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà, 2 – Ex Eridania -Aula laboratori corpo A piano 1, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Teams In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Franco MANTI

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Title: Dog adoption centers. Redevelopment from an ethical point of view.

Description: The adoption of pets and living with them has over time taken on the characteristics of a phenomenon of high social significance. Ethical competence can be identified as a transversal factor contributing to the protection of animal welfare. The objectives of the research are: the identification and analysis of the needs related to the adoption process at the kennel-shelter facilities on the Italian territory; the implementation and development of the ethical competence of the subjects involved in the adoption process, promoting it as a core activity of the kennel-shelter facilities; the evaluation of the suitability for Assisted Interventions with Animals of selected groups of dogs from the kennel-shelter context through the PADA test.

Scientific disciplinary sector: M-FIL/03 FILOSOFIA MORALE now PHIL-03/A FILOSOFIA MORALE

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree: Laurea magistrale delle classi LM-78 Scienze filosofiche, LM-42 Medicina veterinaria, LM-57 Scienze dell'educazione degli adulti e della formazione continua, LM-85 Scienze pedagogiche, LM-51 Psicologia, LM-93 Teorie e metodologie dell'e-learning e della media education, LM-87 Servizio sociale e politiche sociali, LM-88 Sociologia e ricerca sociale.

Subjects of the interview: Elements of social ethics; animal bioethics; elements of social and animal psychology with special reference to the dog; dog ethology; zooanthropology; elements of group sociology with special reference to the sociology of the family; elements of bio-law with special reference to animal law.

The candidate will need to prove his/her knowledge of the English language.

RESEARCH PROGRAM NO. 29

The Commission meets for the preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 08:00 The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the email address assegnisti@unige.it.

The Commission meets to proceed with the assessment of qualifications and the identification of candidates admitted to the interview on 07.10.2024 at 09:00 The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on 07.10.2024 at 15:00 at Dipartimento di Scienze della Formazione (DISFOR), corso Andrea Podestà, 2, sala riunioni 2° piano, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof.ssa Cecilia Serena PACE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 23.250,00

Funding: 9 PROBEN_0000002, Directorial decree n. 1159 of 25 July 2023

Title: Promoting psychophysical well-being and reducing psychological and emotional distress of the university student population.

Description: The research project will concern the qualitative-quantitative investigation of the subjective and academic well-being and perceived social support of university and higher education students, with particular attention to personal and relational resources, protective factors and processes, as well as to conditions of psychosocial and psychopathological risk. Furthermore, the research project intends to establish the diffusion and extent of psychological and emotional distress among the university student population with particular reference to addictive behaviors (for example to substances, behavioral, technological, etc.). The fellow will collaborate in all research activities that will include: the final design, data collection, creation and updating of the dataset, statistical analysis, reporting of the results and their dissemination in multiple forms.

Scientific disciplinary sector: M-PSI/08 PSICOLOGIA CLINICA now PSIC-04/B PSICOLOGIA CLINICA

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree: Laurea magistrale della classe LM-51 Psicologia.

Subjects of the interview: 1. Research and/or working experiences with the target populations of this project, i.e. university and/or higher education students; 2. Knowledge/skills of research methodology; 3. Research and work experiences related to the project themes; 4. Knowledge of the English language (and Italian in case of different mother tongue).

The candidate will need to prove his/her knowledge of the English language.

SCIENTIFIC DISCIPLINARY AREA LAW

RESEARCH PROGRAM NO. 30

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 30.09.2024 at 15:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the email address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 03.10.2024 at 15:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 04.10.2024 starting from 14:00** electronically via videoconference **by platform Teams**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof. Alessio SARDO

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: European project “HABITAT”, Title “How European Big Cities and Legal Systems Trigger Urban Inequality: An Inquiry into Law and Economics”, Program “Horizon Europe”, ERC Action StG, G.A. n. 101076616, CUP: D33C22002160006.

Title: Labour reforms, digital nomads, and socioeconomic inequalities in European cities.

Description: This research investigates the impact of labor reforms and gig economy on digital nomads and socioeconomic inequalities in European cities. It explores how changes in labor laws and policies have facilitated the rise of digital nomadism, examining the benefits and challenges faced by remote workers. The study also delves into the socioeconomic disparities that these reforms may exacerbate, particularly focusing on access to resources, cost of living, and local job markets. By analyzing various European cities, the research aims to provide insights into the effectiveness of labor reforms and their broader social implications.

Scientific disciplinary sector: IUS/07 DIRITTO DEL LAVORO now GIUR-04/A DIRITTO DEL LAVORO

Place: Dipartimento di Giurisprudenza

Required degree: Laurea magistrale della classe LMG/01 Giurisprudenza

Subjects of the interview: Basics of labor and social security law – labor reforms – socioeconomic inequalities – contemporary labor dynamics – methodologies for comparative law analysis – methodologies and techniques for data analysis and collection – digital nomadism – case studies: European cities.

The candidate will need to prove his/her knowledge of the English language.

SCIENTIFIC DISCIPLINARY AREA ECONOMICS AND STATISTICS

RESEARCH PROGRAM NO. 31

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 03.10.2024 at 17:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 08.10.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview will be held **on 10.10.2024 at 15:00** at Dipartimento di scienze politiche e internazionali (DiSPI), P.le E. Brignole 3a, Sala C, Torre Ovest, 5° Piano, Genova.

For candidates residing or domiciled outside the Italian territory and for those who reside and have their usual domicile over 300 km away from the selection site, the interview can take place upon request by indicating on the application for participation in the selection also electronically via the platform Microsoft Teams. In this case they will be contacted by the Commission at the electronic address indicated in the application form.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to present themselves (or to connect), without any notice, at the exam centre.

Scientific coordinator: Prof. Enrico DI BELLA

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 19.367,00

Funding: Project: 101145693 — LIGURIATOURISM — TSI-2023-LIGURIATOURISM-IBA

Title: Capacity building for the implementation of a redevelopment project of the Gallinara Island in Liguria.

Description: The grant involves carrying out various capacity building activities related to the project for the redevelopment of the Isola della Gallinara in Liguria. The successful candidate will be responsible, in coordination with other project members and under the supervision of the scientific manager, for stakeholder mapping, organizing, and managing stakeholder engagement activities. The activities under the grant are part of the LIGURIATOURISM-IBA project funded by the European Union through the Technical Support Instrument, implemented by the University of Genoa in cooperation with the European Commission, Directorate-General for Structural Reform Support (DG REFORM). The position requires the physical presence of the successful candidate in Liguria with frequent missions to the municipalities near Isola della Gallinara in Liguria.

Scientific disciplinary sector: SECS-S/05 STATISTICA SOCIALE now STAT-03/B STATISTICA SOCIALE

Place: Dipartimento di scienze politiche e internazionali (DiSPI)

Required degree: Laurea magistrale delle classi LM-19 Informazione e sistemi editoriali, LM-49 Progettazione e gestione dei sistemi turistici, LM-52 Relazioni internazionali, LM-56 Scienze dell'economia, LM-63 Scienze delle pubbliche amministrazioni, LM-76 Scienze economiche per l'ambiente e la cultura, LM-77 Scienze economico-aziendali, LM-80 Scienze geografiche, LM-82 Scienze statistiche, LM-88 Sociologia e ricerca sociale.

Subjects of the interview: The interview will delve into the educational and work experiences of the candidate relevant to the research project. In particular, previous experiences related to capacity building or the tourism sector will be discussed.

The candidate will need to prove his/her knowledge of the English language