



# UNIVERSITÀ DEGLI STUDI DI GENOVA

## AREA PERSONALE

### Servizio Personale Docente

#### Settore Gestione stato giuridico del Personale Docente e degli Assegnisti di ricerca

Decree n. 6166

### 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 Rector’s Decree n. 5389 dated 28 December 2020 issuing the “Regulation for the awarding of research fellowships”

Having regard to the resolution of the Board of Directors dated 22nd July 2015, determining the amounts to be awarded for research fellowships and the timetable of the procedures, according to art. 1 of the abovementioned “Regulation for the awarding of research fellowships”;

Given the resolutions received by the Departments concerned with which requests for the activation of research grants have been proposed;

Given D.P.C.M. 2.3.2021, art. 24;

Given Law Decree no. 44 of 1.4.2021 - art. 10;

Given Law Decree no. 52 of 22.4.2021 - art. 1;

Given the D.L. 23/7/2021, n. 105, art. 3, paragraph 1, converted into Law 16.9.2021 n. 126 which introduces as of 6.8.2021 the use of COVID-19 green certifications for face-to-face access to public competitions;

Considering that it has been established that the scientific responsible for the selection procedures indicated in Annex A, which is an integral part of this call, is willing to carry out the abovementioned procedures electronically or in attendance with the above mentioned indications concerning the COVID -19 emergency, and that therefore this call is issued in full compliance with the provisions laid down;

## HEREBY DECREES

### ART. 1

#### Number of research fellowships

1. An announcement is made for no. 36 public selections for the awarding of no. 38 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 4<sup>th</sup> 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. In order to be admitted to the selection, the candidates must possess the degree referred to in *Annex A* to this Announcement as regards each research program.

2. No candidate with family or kinship relationship, up to and including the fourth degree, as well as no candidate married, with a Professor belonging to the department or institute, where the research activity is performed, or with the Rector, General Director or a member of the Board of Directors of the University may be admitted to the public selections for the awarding of research fellowships.

3. Admission requirements and grounds for exclusion are referred to the expiration date of the term established for submitting the application.

4. The candidates are admitted with reserve to the selection procedure. This University may arrange, by means of a justified measure, to exclude a candidate from the selection due to lack of the prescribed

requirements. Any such measure will be communicated to the candidate concerned by way of e-mail with acknowledgment of receipt indicated by the candidate in the application for admission to the selection.

5. For candidates with a foreign qualification, which has not yet 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 be admitted to the preliminary stage with reserve. If the aforementioned candidates are winners, they must send to the University the official translation and the "Dichiarazione di Valore" (Declaration of Worth) of the foreign qualification drawn up by the competent Italian diplomatic or consular offices in the country of origin, according to the regulations in force, within 60 days from the decree of approval of the selection. The forfeiture of the right to stipulation of the contract will be arranged if the documents do not arrive at the University within this period.

### ART. 3

#### Procedure for submission of the application

1. The candidate shall submit his/her application for the admission to the selection by electronic means, filling in the relevant form, within the deadline in the subsequent paragraph. To this purpose, the candidate shall use a specific computer application, which is available at the address <https://concorsi.unige.it>, and necessarily requires the possession of a certified email address, in order to perform a self-registration to the system. The candidate shall enter all the data required for submitting the application and then print the receipt, which will be automatically sent via email. The receipt must be kept and made available in case of any check by the Administration. Upon forwarding, an identification number will be automatically assigned to the application. This number must be specified in any subsequent communication, together with the selection code displayed by the computer application. The date of the electronic filing of the application for the admission to the selection is certified by the information system. Upon the expiration date of the term established for the submission, this system will not allow any candidate to access and send the relevant electronic form. Within the expiration date, the candidate may forward further applications regarding the same selection, in order to amend any error and/or add any integration. For the admission to the selection the application with the most recent submission date will be considered valid. Furthermore, the system requires that the electronic documents referred to in paragraph 8 below are attached to the application as well. **No other way of submission or sending of the applications for the admission to the selection will be accepted.**

2. The electronic process for the filling in and sending of the application must be completed within 12 a.m. of the thirtieth day after the day of publication of this Announcement on the web notice board in the website of the University.

3. If the expiration day falls on a holiday, it will be possible to fill in and send the application within 12 a.m. of the first next working day.

4. Without prejudice to the provisions of art. 5, paragraph 5, all the communications regarding the public selection announced with this Decree will be forwarded to the candidates concerned by e-mail with acknowledgment of receipt indicated by the candidate in the application for admission to the selection.

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

- a) the possession of the degree referred to in Annex A as per art. 1, which is required for the research program of interest. The candidates in possession of a degree obtained abroad shall also specify if this degree, according to the regulation in force, has been declared equivalent to the degree required by this Announcement. The candidate shall also specify the name of the University, which awarded such degree, the date of award and the final degree mark;
- b) his/her citizenship;
- c) that he/she has no family or kinship relationship, up to and including the fourth degree, and is not married, with a Professor belonging to the department or institute, where the research activity is performed, or with the Rector, General Director or a member of the Board of Directors of the University;
- d) whether he/she has received a doctoral grant;
- e) whether he/she has already been holder of a research fellowship according to art. 22 of the Italian Law no. 240/2010;

- f) whether he/she has already been holder of a contract according to art. 24 of the Italian Law no. 240/2010 (fixed term researcher position);
- g) being a citizen of a non-EU country, the possession of the residence permit necessary to perform the activity provided for by the contract in art. 7;
- h) that he/she is acquainted with the provisions of art. 13 of the Rector's Decree no. 6144 dated 27<sup>th</sup> July 2015 and subsequent amendments and integrations, regarding the prohibition of plurality of offices and the incompatibility;
- i) the choice of the foreign language in which to be tested, if required according to the subjects of the interview relevant to the research program in Annex A, as per art. 1;
- j) the mandatory indication that the interview must be conducted electronically, by means of videoconferencing via SKYPE for procedures that are conducted electronically, or the indication, where applicable, that the interview must be conducted electronically, by means of videoconferencing via SKYPE in the case of procedures that require the interview to be conducted in person, as indicated in Annex A, in accordance with the provisions of Article 5, paragraph 8 below;

**Lack of the declarations provided for in letters a), c) will result in exclusion from the selection.**

6. The application must include the e-mail address as well as the address elected by the candidate for the purposes of the selection. Any variation must be promptly notified to the Department to which the application has been addressed.

7. The declarations made in the application must be considered issued according to the Italian Presidential Decree no. 445/2000 and subsequent amendments, by candidates entitled to make use of the simplified administrative certifications permitted by the above decree.

8. Candidates shall enclose to their application:

- a) a non-certified photocopy of an identification document in electronic format (.pdf, .jpg, .gif, etc.) via scanning or digital photography of the same;
- b) a scientific-professional *curriculum* and a self-certification relevant to the truthfulness of the information contained therein, drawn up on form *B* attached herewith;
- c) if he/she is a foreign citizen, a photocopy of the residence permit, if possessed, in electronic format (.pdf, .jpg, .gif, etc.) via scanning or digital photography of the same;
- d) publications, which are deemed useful for the purposes of the selection. The above documents shall be attached to the application in .pdf format and declared compliant with the original copies through a proper self-executed affidavit, drawn up on form *C* attached herewith. This declaration shall contain also a numbered and detailed list of the files transmitted by electronic means, together with the application, as specified in paragraph 1.

**9. According to art. 15, paragraph 1, of the Italian Law no. 183 dated 12<sup>th</sup> November 2011, the candidates shall demonstrate the possession of the qualifications only by means of the declarations established by the abovementioned Italian Presidential Decree no. 445/2000 and subsequent amendments.**

10. The same procedures as those established in the previous paragraphs for Italian citizens apply to the citizens of the European Union. Citizens of countries not belonging to the European Union can use self-certifications as established in art. 4

11. Candidates may not make reference to qualifications or publications submitted to this Administration or other Administrations or qualifications attached to other applications for participation to other competitions.

12. The works legally registered as established by the Italian Legislative Decree of the King's Lieutenant no. 660/1945, as integrated and amended by the Italian Law no. 106/2004 and the Italian Presidential Decree no. 252/2006 may be evaluated for the purposes of the public selections referred to in this Announcement.

13. This Administration shall perform suitable checks, even sample checks, in any case of well-founded doubts as to the truthfulness of the self-certifications. If the above check reveals that the content of the declaration is not true, the declarant will forfeit any benefits resulting from the provision issued on the basis of the untruthful declaration, without prejudice to the provisions of the criminal code and relevant special laws.

14. This University does not take any responsibility for failure to receive applications due to technical problems related to the Internet service and email operation and/or configuration made available by the provider of the candidate.



5. 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.**

6. 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 acknowledgement of receipt at least fifteen days before the day of the examination.

7. 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.

8. 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 be also 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 the 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 and attach at least one letter of presentation from Italian or foreign Universities or Research Institutes.

9. 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.

10. For procedures carried out electronically, at the end of the individual stages, the committee will publicize the results of the assessment of qualifications and the interview of each candidate by publication on the Department's website and simultaneous e-mail communication to candidates, or for procedures carried out in attendance at the end of the individual stages, the committee will publicize the results of the assessment of qualifications and the interview of each candidate by posting in the examination venue.

11. 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 research fellowship is formalized through the stipulation of a contract of private law between the University of Genoa and the winning candidates resulting from the classification of merit as

per art. 6, paragraph 3 above, for the duration specified in *AnnexA* to this Announcement as regards each research program, subject to ascertainment of the prescribed requirements.

2. The overall duration of the relations established following announcements issued according to the Italian Law no. 240 dated 30<sup>th</sup> December 2010, including any renewals, may not in any case exceed six years, excluding the period during which the fellowship was enjoyed together with the research doctorate, within the maximum limit of the legal duration of the relevant course.

3. The overall duration of the relations established with the holders of fellowships implemented following announcements issued according to the Italian Law no. 240 dated 30<sup>th</sup> December 2010, and of the contracts referred to in art. 24 of the same law, stipulated also with different state, non-state or telematic universities, as well as with the institutes referred to in art. 8, paragraph 1, with the same subject, may not in any case exceed twelve years, including non-continuous periods.

4. For the purpose of calculating the duration of the aforementioned relations, periods of leave due to maternity or health reasons will not be taken into account according to the regulations in force.

5. Upon contract stipulation, the winner shall sign the following declarations:

- that none of the impedimental conditions referred to in art. 11 applies to him/her;
- that he/she has no family or kinship relationship, up to and including the fourth degree, and is not married, with a Professor belonging to the department or institute, where the research activity is performed, or with the Rector, General Director or a member of the Board of Directors of the University;
- being an employee of public administrations different from those referred to in art. 8, paragraph 1, that he/she has been placed on unpaid leave;
- whether he/she has received a doctoral grant;
- whether he/she has already been holder of a research fellowship according to art. 22 of the Italian Law no. 240/2010;
- whether he/she has already been holder of a contract according to art. 24 of the Italian Law no. 240/2010.

6. Candidates who are citizens of non-EU countries may be awarded a research fellowship only if they are in possession of a residence permit for scientific research as per art. 27 *ter* of the Italian Legislative Decree no. 286/1998 and subsequent amendments. In such cases, the institute, which has required the fellowship, implements, by mutual consent with the competent offices of this Administration, the procedures aimed at achieving the above residence permit

7. The research fellowship is awarded to a non-EU citizen only upon conclusion of the procedure described in paragraph 6 above.

## **ART. 8**

### **Personal requirements**

1. The following are not eligible for research fellowships: employees of the universities, public research and experimentation institutes and bodies, the National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) and the Italian Space Agency (ASI), as well as of the institutions whose scientific specialization diploma has been recognized equivalent to the doctoral degree, according to art. 74, paragraph 4, of the Italian Presidential Decree no. 382 dated 11<sup>th</sup> July 1980.

2. The research fellowship does not give rise to rights with respect to access to permanent employment at the university and in no way constitutes a subordinate working relationship.

3. An employee working for public administrations different from those referred to in paragraph 1 is placed on unpaid leave.

## **ART. 9**

### **Economic and regulatory treatment**

1. Financial charges arising from these selections are charged to the available funds of departments and centres. They must be transferred to the budget of the University, using, when necessary, any funds, even in the case of defaults or delays by any third parties, with six-monthly payments in advance.

2. The amounts of research fellowships are determined by the Board of Directors according to art. 1 of the Regulation for the awarding of research fellowships, taking into account the provisions of the regulations

in force. The contract referred to in art. 7 contains the annual pre-tax amount of the research fellowship. This amount is paid according to monthly deferred instalments.

3. With respect to taxation, fellowships are subject to the provisions of art. 4 of the Italian Law no. 476, dated 13<sup>th</sup> August 1984, and with respect to social security, to those of art. 2, paragraph 26 and following, of the Italian Law no. 335 dated 8<sup>th</sup> August 1995, and subsequent amendments.

4. Variations in social security (INPS) rates restate year by year the cost established for the fellowship.

5. The University provides insurance cover according to the regulations in force.

#### **ART. 10**

##### **Research fellowship holders' rights and duties**

1. Fellowship holders perform their activity within research projects and in close connection with the realization of the same, under the direction of the scientific coordinator, autonomously and without set working times.

2. The fellowship holder is required to submit each year to the Board of the concerned institute a detailed report on the activity performed.

3. The fellowship holder may perform part of his/her research activity abroad:

- a) if he/she is the beneficiary of a study grant, awarded by national or foreign institutions, in order to integrate the research activity with stays abroad;
- b) if the research activity abroad is consistent with the research program to which he/she is contributing, upon authorization by the institute, on a grounded proposal from the scientific coordinator. In this case, a possible grant as partial reimbursement of travel expenses and stays abroad may be defined and paid by the reference institute.

4. The fellowship holder may take part in comparative assessment procedures for awarding contracts regarding the performance of didactic activities, both regular and integrative, provided that such activity is performed outside his/her commitment as fellowship holder, is compatible with the research activity and approved by the reference institute, as provided for in the relevant regulation of this University.

5. The fellowship holder may contribute articles, participate as speaker in seminars, meetings and conferences, perform guidance and tutoring activities and take part in Examining Boards in his/her capacity as a teaching assistant.

6. The fellowship holder may perform activities within a university spin-off, upon authorization by the scientific coordinator, as provided for in the relevant regulation of this University.

7. The fellowship holder may be introduced into clinical research teams, without any direct function regarding the patients' care and treatment, under the direct control of the scientific coordinator.

#### **ART. 11**

##### **Prohibition of plurality of offices - Incompatibility**

1. The research fellowship may not be accumulated with other study grants awarded for any reason, without prejudice to the provisions of art. 10, paragraph 3, lett. a).

2. The legal ownership of the research fellowship is not compatible with attendance of any university courses, specialist or second level degrees, research doctorates with grants, medical specialization, in Italy or abroad, and university master's degrees.

3. The legal ownership of the research fellowship is not compatible with employment relations, without prejudice to art. 8 paragraph 3, other collaboration contracts or income arising from freelance-professional activities continuously performed, unless this is a limited autonomous work activity to be performed upon authorization by the scientific coordinator, and provided that such activity does not interfere with the performance of the research activity nor lead to a conflict of interests with the University.

#### **ART. 12**

##### **Absence from work**

1. The following shall apply to research fellowships: provisions regarding the mandatory maternity leave, the provisions referred to in the Decree of the Italian Minister of Labour and Social Security dated 12<sup>th</sup>



July 2007, published on the *Official Journal* (G.U.) no. 247 dated 23th October 2007, and, as regards sick leave, art. 1, paragraph 788, of the Italian Law no. 296 dated 27<sup>th</sup> December 2006, and subsequent amendments. During the mandatory maternity leave, the indemnity paid by the Italian National Institute of Social Security (INPS) according to art. 5 of the above Decree dated 12<sup>th</sup> July 2007 will be supplemented by the University up to the full amount of the research fellowship.

2. The financing of the research fellowship is suspended during the period of mandatory or optional maternity leave, or in cases of inability due to holder's illness for a period exceeding two months per year. In these cases, the duration of the contract will be extended for a period equal to that of the suspension. In all other cases of inability for periods exceeding two months per year, this University reserves the right to terminate the contract or suspend the relevant payment.

### **ART. 13** **Document submission**

1. In order to ascertain the prescribed requirements and taking into account the declarations, valid for an unlimited period, already resulting from the application for the admission to the selection, the winning candidate, being an Italian or EU citizen, will be required to submit to this University, within thirty days from the date when the contract was stipulated, the following documents:

- a) self-certification regarding the holding of citizenship, if more than six months have passed since the date of submission of the application;
- b) self-certification relevant to the positions in art. 7, paragraph 5.

2. Citizens of countries not belonging to the European Union regularly residing or authorized to reside in Italy shall submit, within thirty days as above, the self-certification referred to in paragraph 1, lett. a), if more than six months have passed since the submission of the application and the conditions in art. 4 have been met. The same citizens shall demonstrate to meet the requirements not covered by the abovementioned declaration through the submission of a proper certification.

3. Except for the cases referred to in the preceding paragraph, non-EU citizens shall submit within thirty days as above:

- a) a citizenship certification;
- b) a certification or attestation relevant to the positions referred to in art. 7, paragraph 5.

4. These documents are considered submitted in due time, even if they are sent by registered letter with acknowledgment of receipt within the abovementioned deadline. To this purpose, the postmark of the accepting postal office will serve as proof.

5. The fellowship holder will be required to rectify within 30 days from the date of receipt of the request any incomplete documents or documents containing retrievable errors, under penalty of termination of the contract.

### **ART. 14** **Termination**

1. The contract will terminate automatically at the end of the specified period.

2. The contract will terminate, as well, due to the following conditions:

- a) annulment of the public selection procedure;
- b) supervening impossibility of continuing the collaboration in research activity, without prejudice to the provisions of art. 12, paragraph 2;
- c) infringement of the rules of conduct provided for in art. 2, paragraph 3, of the Employee Code of Conduct of the University of Genoa, issued with Rector's Decree no. 1143 dated 27<sup>th</sup> February 2015, and implementing the Italian Presidential Decree no. 62 dated 16<sup>th</sup> April 2013.

3. The procedure to terminate the contract may be started, as requested by the scientific coordinator, also as a result of a serious breach by the fellowship holder.

4. The Administration will proceed to the termination of the contract following the relevant resolution by the Board of the reference institute of the fellowship holder. The Administration shall also take into account any grounded negative report, drawn up by the scientific coordinator of the research project, as regards the activity performed by the fellowship holder.

**ART. 15**  
**Processing of personal data**

1.The personal data supplied by candidates will be collected by the University of Genoa, “Area Personale (Staff Area) – ServizioPersonaleDocente (Teaching Staff Department) SettoreGestioneStatoGiuridico del PersonaleDocente e degliAssegnisti diricerca(Management Legal Status Teaching Staff and Research Grants Sector)” and used for selection procedures as per Regolamento UE 2016/679 (GDPR – General Data Protection Regulation) and D.Lgs. n. 196 of 30/6/2003 (Personal Data Protection Code), as amended by the D.Lgs. No 101 of 10/8/2018.

**ART. 16**  
**Reference concerning the execution of the selection procedure**

1. Any matters not provided for by this Announcement shall be governed by the provisions of the regulations referred to in the foreword and, in particular, those provided for by the “Regulation for the awarding of research fellowships” of the Rector’s Decree no. 6144 dated 27<sup>th</sup> July 2015, and subsequent modifications and integrations approved with the Rector’s Decree no. 2495 dated 6<sup>th</sup> June.2018; as well as those provided for by the Consolidated Text of legislative and regulatory provisions on administrative documentation of the Italian Presidential Decree no. 445/2000.

Genoa, 23.12.2021

THE RECTOR  
Signed Prof. Federico Delfino

Responsible of the procedure: *Sandra Turbino*

SCIENTIFIC DISCIPLINARY AREA MATHEMATICS AND INFORMATICS
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**RESEARCH PROGRAM NO. 1**

**Publicity of criteria for the qualifications and the interview:** on **14.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **17:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Varbaro at the address e-mail: varbaro@dima.unige.it, on the phone number +39 010 3536943.

**Such a notice is equivalent to notification to all intents and purposes**

**Scientific coordinator:** Prof. Matteo VARBARO

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

**Funding:** MUR PRIN 2020 n. 2020355B8Y (Responsabile Prof. Varbaro).

**Title:** Commutative algebra and derived category.

**Description:** Research activity in commutative algebra, especially in the framework of derived category.

**Scientific disciplinary sector:** MAT/02 ALGEBRA

**Place:** Dipartimento di Matematica (DIMA)

**Required degree:** Laurea Magistrale della classe LM-40 Matematica.

**Subjects of the interview:** Commutative algebra, derived categories.

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

<b>SCIENTIFIC DISCIPLINARY AREA PHYSICS</b>
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**RESEARCH PROGRAM NO. 2**

**Publicity of criteria for the qualifications and the interview:** on **14.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **14.02.2022** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Simone Marzani at the address e-mail: [simone.marzani@unige.it](mailto:simone.marzani@unige.it).

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Simone MARZANI

**NO. 1 research fellowship - Duration year 1 – Annual pre-tax amount: € 34.898,00**

**Funding: Progetto Ministeriale “Dipartimenti di Eccellenza”.**

**Title:** Fundamental interactions in the early universe and dark matter.

**Description:** The research activity of the candidate will be on the physics of fundamental interactions in the early universe and in cosmology, with a specific focus on the study of potential dark matter candidates.

**Scientific disciplinary sector:** FIS/02 FISICA TEORICA, MODELLI E METODI MATEMATICI

**Place:** Dipartimento di Fisica (DIFI)

**Required degree:** Dottorato di ricerca in fisica.

**Subjects of the interview:** Presentation of the candidate's research interests and achievements; discussion about the research topics of the advertised fellowship.

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

**RESEARCH PROGRAM NO. 3**

**Publicity of criteria for the qualifications and the interview:** on **11.2.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **9:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Davide Peddis at the address e-mail: [davide.peddis@unige.it](mailto:davide.peddis@unige.it) phone number +39 347 7728174.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Davide PEDDIS

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

**Title:** Synthesis and characterization of ionic liquids ferrofluids with magnetorheological properties.

**Description:** Synthesis and characterization magnetic nanoparticles (i.e., iron oxide, iron based alloys) with tunable magnetic properties. Dispersion of magnetic nanoparticles in ionic liquid to design IL ferrofluid with optimized magnetorheological properties. The activity il focus on the optimization of magnetic and magnetorheological properties of IL ferrofluids.

**Scientific disciplinary sector:** CHIM/02 CHIMICA FISICA

**Place:** Dipartimento di Chimica e Chimica Industriale (DCCI)

**Required degree:** Laurea Magistrale delle classi LM-17 Fisica, LM-53 Scienza e ingegneria dei materiali, LM-54 Scienze chimiche.

**Subjects of the interview:** Magnetic properties of nanoparticles; Magnetic characterization magnetic nanoparticles and ferrofluids; synthesis methods of magnetic nanoparticles; dipersion of magnetic nanoparticles in ionic liquids.

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

**RESEARCH PROGRAM NO. 4**

**The assessment criteria for the qualifications and the interview will be affixed on 11.02.2022 at 9:00** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), bacheca 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 11.02.2022 at 12:00** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), bacheca 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 11.02.2022 at 14:30** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), ufficio 30, 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof.ssa Mariachiara CHIANTORE

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

**Funding:** LIFE20 NAT/IT/001122 – LIFE PINNA, CUPB95F21001880002.

**Title:** Maintenance and controlled reproduction of the bivalve *Pinna nobilis* for conservation and restocking, in the framework of the LIFE20 NAT/IT/001122 - Life PINNA project.

**Description:** The project aims to elaborate a protocol for the reproduction of *Pinna nobilis* in controlled conditions in order to provide juveniles of *P. nobilis* available for restocking in nature. The development of the protocol will include four phases: 1. Acclimatization and sexual maturation; 2. Spawning induction and fertilization; 3. Larval breeding and metamorphosis; 4. Breeding of juveniles.

**Scientific disciplinary sector:** BIO/07 ECOLOGIA

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

**Required degree:** Dottorato di ricerca in Scienze e Tecnologie per l'Ambiente e il Territorio (STAT), Curriculum Scienze del Mare.

**Subjects of the interview:** Techniques of reproduction and maintenance of organisms in captivity, with particular reference to marine invertebrates. The candidate must demonstrate a good knowledge of the most recent results published in the international scientific literature of the sector.

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

## **RESEARCH PROGRAM NO. 5**

**The assessment criteria for the qualifications and the interview will be affixed on 10.02.2022 at 9:00** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), bacheca 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 10.02.2022 at 12:00** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), bacheca 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 10.02.2022 at 14:30** in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), ufficio 30, 3° piano del Palazzo delle Scienze, Corso Europa n. 26, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof.ssa Monica MONTEFALCONE

**NO. 1 research fellowship - Duration years 3 – Annual pre-tax amount: € 19.367,00**

**Funding:** LIFE20 NAT/IT/001122 – LIFE PINNA, CUPB95F21001880002.

**Title:** Conservation and restocking of the bivalve *Pinna nobilis* within the frame of the LIFE20 NAT/IT/001122 - Life PINNA project.

**Description:** The project aims to select and characterize suitable sites for the restocking of *Pinna nobilis* in Liguria, based on environmental characteristics and the absence of pathogens. Restocking activities of *P. nobilis* juveniles will then be carried out, whose survival and growth will be evaluated through periodic monitoring.

**Scientific disciplinary sector:** BIO/07 ECOLOGIA

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

**Required degree:** Dottorato di ricerca in Scienze e Tecnologie per l'Ambiente e il Territorio (STAT), Curriculum Scienze del Mare.

**Subjects of the interview:** Seascape ecology and benthic cartography, monitoring of benthic marine habitats, non-destructive survey techniques for benthos investigation. The candidate must demonstrate a good knowledge of the most recent results published in the international scientific literature of the sector.

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

## **RESEARCH PROGRAM NO. 6**

**Publicity of criteria for the qualifications and the interview:** on **11.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **11.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **11.02.2022** starting from **14:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Anna Mara Pittaluga at the e-mail address [pittalug@difar.unige.it](mailto:pittalug@difar.unige.it) , phone number +39 010 3532049 .

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Anna Maria PITTALUGA

**N.1 assegno - Duration year 1 – Annual pre-tax amount: € 19.367,00**

**Funding: ProgettoPRIN 2017 -01779W93T\_004.**

**Title:** Gender-dependent development of depressive behavior induced by early neuroinflammatory hit.

**Description:** Mood disorders are highly prevalent in humans and Major Depressive Disorder (MDD) is the most common among them. Our incomplete understanding of the complexity of the disease, its genetic and clinical heterogeneity are the reasons of the high rate of unsuccessful treatments experienced by 30-50% of patients. Recent evidence suggests a link between stress, psychological as well as physiological, and immune activation that may underlie the pathophysiology of MDD. On the other hand, stress and depression have numerous inflammatory consequences in both human patients and animal models.

With a preclinical approach the influence of sex and the effect of an antidepressant treatment on the central derangements of synaptic transmission following an early inflammatory insult will be analyzed, correlating these events to in vivo depressive-like signs. Results from these studies will open new avenues to develop conceptually novel therapeutic strategies for depression treatment.

**Scientific disciplinary sector:** BIO/14 FARMACOLOGIA

**Place:** Dipartimento di Farmacia (DIFAR)

**Required degree:** Laurea V.O. in Chimica e Tecnologie Farmaceutiche o Chimica e tecnologia farmaceutiche, Biotecnologie - indirizzo Biotecnologie Farmaceutiche; Laurea specialistica delle classi 9/S Biotecnologie mediche veterinarie e farmaceutiche, 14/S Farmacia e farmacia industriale; Laurea magistrale delle classi LM-9 Biotecnologie mediche veterinarie e farmaceutiche, LM-13 Farmacia e farmacia industriale.

**Subjects of the interview:** The pharmacology of depression, with particular emphasis on the adaptation of the efficiency of synaptic transmission and the presynaptic modifications in selected brain regions. The use of animals and of drug administration in preclinical studies to monitor the antidepressant activity of new drugs.

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



**RESEARCH PROGRAM NO. 7**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **10.02.2022** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Matilde Inglese at the address e-mail: m.inglese , phone number +39 010 353 7028.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Matilde INGLESE

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

**Funding: 4587/2021 Convenzione Merck Serono S.p.A.**

**Title:** Clinical, Laboratory and Radiological Study of Patients with Multiple Sclerosis.

**Description:** The project aims to prospectively collect demographic-clinical, laboratory and radiological data of patients affected by Relapsing Remitting (RR), Secondarily Progressive (SP) and Primarily Progressive (PP) and belonging to different age groups, treated with currently approved therapies for the treatment of MS (DMTs). This will make it possible to evaluate any adverse events and indicators of efficacy in clinical practice. The data to be entered into a database (egRedCap) will be collected from the paper and electronic CRFs compiled by the clinicians. The database will be anonymized and a unique code will be assigned to each patient.

**Scientific disciplinary sector:**MED/26 NEUROLOGIA

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

**Required degree:** Laurea magistrale della classe LM-6 Biologia.

**Subjects of the interview:** Isoelettrofocusing and Immunoblot; Neurofilament dosage and prognostic interpretation; flow cytometry and immunophenotype.

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

## **RESEARCH PROGRAM NO. 8**

**The assessment criteria for the qualifications and the interview will be affixed on 14.02.2022 at 8:00** in Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), padiglione 4 (DISC), Ospedale S. Martino, Largo Rosanna Benzi 10, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 14.02.2022 at 11:00** in Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), padiglione 4 (DISC), Ospedale S. Martino, Largo Rosanna Benzi 10, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 14.02.2022 at 15:00** Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), padiglione 4 (DISC), Ospedale S. Martino, Largo Rosanna Benzi 10, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof.ssa Maria MENINI

**NO.2 research fellowships - Duration year 1 – Annual pre-tax amount: € 19.367,00**

**Title:** Influence of oral rehabilitation on the patient's general health.

**Description:** The aim of this research is to compare by means of a prospective clinical study whether the immediate full-arch rehabilitation can influence the general health of the patient. In particular, local and systemic pro-inflammatory factors, body mass index, blood pressure, oral microbiome and the main indexes of cardio-metabolic health will be evaluated before and after oral rehabilitation.

Parameters of peri-implant tissue health (bone level, plaque index, probing depth, bleeding on probing) will be also recorded over time.

The clinical investigations carried out will allow to evaluate whether oral rehabilitation through full-arch immediate loading is able to affect the cardio-metabolic health of the patients and if any correlation exists between the different clinical parameters investigated.

**Scientific disciplinary sector:** MED/28 MALATTIE ODONTOSTOMATOLOGICHE

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

**Required degree:** Laurea V.O. in Odontoiatria e Protesi Dentaria; Laurea Specialistica della classe 52/S Odontoiatria e protesi dentaria; Laurea magistrale della classe LM-46 Odontoiatria e protesi dentaria.

**Subjects of the interview:** dental implant rehabilitations, dental abutments.

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

## **RESEARCH PROGRAM NO. 9**

**Publicity of criteria for the qualifications and the interview:** on **14.02.2022** at **10:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **14:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **11:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Chiara Fiorillo at the address e-mail: chiara.fiorillo@edu.unige.it , phone number +39 329 4440068.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Chiara FIORILLO

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

**Title:** Trial Readiness and Endpoint assessment in Congenital and Childhood Myotonic Dystrophy.

**Description:** The aim of this project is to define the natural history of congenital and infantile form of Myotonic Dystrophy type 1 in a common effort of standardizing protocols and procedures to be applied in the care of these patients. Specific aims are to collect functional measures and clinical information over time to define clinically meaningful endpoints and outcome measures in preparation for international therapeutic clinical trials. This project will contribute to the ongoing international study in CDM by recruiting additional patients from all over Italy and will extend the investigations to the childhood onset forms as an additional add-on pilot study in view of potential treatment options.

**Scientific disciplinary sector:** MED/38 PEDIATRIA GENERALE E SPECIALISTICA

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

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

**Subjects of the interview:** Genetic Neuromuscular disorders of Children.

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

## **RESEARCH PROGRAM NO. 10**

**The assessment criteria for the qualifications and the interview will be affixed on 15.02.2022 at 9:30** in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINO GMI), Neurologia Pediatrica e Malattie Muscolari, Via Gaslini, Padiglione 16, I piano, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 15.02.2022 at 12:30** in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINO GMI), Neurologia Pediatrica e Malattie Muscolari, Via Gaslini, Padiglione 16, I piano, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 15.02.2022 at 13:00** in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINO GMI), Neurologia Pediatrica e Malattie Muscolari, Via Gaslini, Padiglione 16, I piano, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof. Pasquale STRIANO

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

**Funding:** 1387/2021 INVESTIGATOR INITIATED STUDY AGREEMENT PTC Therapeutics “Genetic screening for DDC pathogenic variants in children with non lesional developmental encephalopathy”.

**Title:** Customization Of Cannabinoid-Based Therapies In Patients With Refractory Epilepsy In Polytherapy.

**Description:** EMA's approval in 2019 for the use of CBD as an adjunct treatment with clobazam (CLB) for Dravet syndrome (DS) and Lennox-Gastaut syndrome (LGS) is a milestone in the medical use of phytocannabinoids for the treatment of epileptic disorders. Due to the heterogeneity of clinical manifestations and the interindividual response to old and new antiepileptic drugs, therapeutic drug monitoring (TDM) is a valuable clinical support in the treatment of patients. The aim of the project is to deepen the TDM of CBD by studying the blood levels of CBD and its metabolites and to study the interactions between cannabinoids and ASM in patients undergoing polytherapy. We also propose to implement micro-sampling techniques as a valid support for the TDM of outpatients and to validate the use of microsampling devices for use at the patient's home.

**Scientific disciplinary sector:** MED/38 PEDIATRIA GENERALE E SPECIALISTICA

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

**Required degree:** Laurea magistrale delle classi LM-41 Medicina e Chirurgia; LM-54 Scienze Chimiche.

**Subjects of the interview:** Epilepsy, epileptic encephalopathies, diagnostic techniques in epilepsy, therapeutic drug monitoring.

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

## **RESEARCH PROGRAM NO. 11**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **10:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **13:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **10.02.2022** starting from **16:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Giancarlo Icardi at the address e-mail: [icardi@unige.it](mailto:icardi@unige.it), phone number +39 010 3538571.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Giancarlo ICARDI

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

**Funding:** 121-2018-GI-ALTR-RI- UE\_001-DRIVE- ANNEX\_4a - DRIVE FISABIO - Protocol for case control study /test negative design studies) - Season 2018/19.

121-2018-GI-ALTR-RI- UE\_001\_DRIVE\_ANNE X\_4b - DRIVE FISABIO - Protocol for population based cohort study to measure type/brand....) - Season 2018/19.

**Title:** Epidemiological and laboratory surveillance of acute respiratory infections in 2021/22 season.

**Description:** Influenza and Acute Respiratory Infections (ARI) are serious problems for human health. In fact, ARIs are the most frequent cause of infectious disease in the world with an annual incidence of approximately 17 billion cases. To date, several pathogens related to respiratory infections are known. Some of these are recognized by the WHO as high-risk pathogens due to their epidemic and pandemic potential. Therefore, the design and implementation of adequate integrated surveillance and diagnosis systems are to be considered a priority in terms of research for Public Health. The research activity includes bibliographic research, laboratory activities, evaluation of the impact of the main pathogens in different age groups, preparation of manuscripts.

**Scientific disciplinary sector:** MED/42 IGIENE GENERALE E APPLICATA

**Place:** Centro Interuniversitario di Ricerca sull'Influenza e Altre Infezioni Trasmissibili (CIRI-IT)  
Dipartimento di Scienze della Salute (DISSAL)

**Required degree:** Laurea Magistrale della classe LM-6 Biologia.

**Subjects of the interview:** International and national surveillance systems of acute respiratory infections. Prevention of main infectious disease involved in acute respiratory infections (influenza, SARS-CoV-2, RSV, etc.). Laboratory methods for research of pathogens involved in acute respiratory infections. Bibliographic search systems.

## **RESEARCH PROGRAM NO. 12**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **10.02.2022** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Donatella Panatto at the address e-mail: panatto@unige.it, phone number +39 010 3538109.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Donatella PANATTO

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

**Funding: 100011-2021-DP- ALTRIPRIVN\_GSK - Contributo GSK attivazione assegno e borsa di ricerca. 100011-2021-DP-ALTRIPRIVN\_sanofi-Panatto-contributo Sanofi malattiameningococcica.**

**Title:** Evaluation the short-, medium- and long-term clinical, economic and social impact of meningococcal disease in Italy.

**Description:** Although invasive disease caused by Neisseria meningitidis is rare in developed countries, it determines a high clinical, social and economic impact, owing to its high lethality and to the high percentage of subjects who survive with sequelae. As yet, no data are available on the impact of invasive meningococcal disease in Italy. This project has the following aims: to obtain estimates of the frequency of sequelae; to estimate the clinical and economic impact of sequelae; to assess the loss of quality of life in survivors and their families. Research activities are: bibliographic research, recruitment of survivors of meningococcal disease and their families, data collection through questionnaires, statistical processing of data and their interpretation, drafting of manuscripts.

**Scientific disciplinary sector:** MED/42 IGIENE GENERALE E APPLICATA

**Place:** Dipartimento di Scienze della Salute (DISSAL)

**Required degree:** Laurea Magistrale della classe LM-6 Biologia.

**Subjects of the interview:** Invasive bacterial disease surveillance system. Prevention of meningococcal disease. Assessment of the quality of life of patients with sequelae. Bibliographic search systems.

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

**RESEARCH PROGRAM NO. 13**

**Publicity of criteria for the qualifications and the interview:** on **15.02.2022** at **9:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **15.02.2022** at **13:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Ilaria Gnecco at the address e-mail: [ilaria.gnecco@unige.it](mailto:ilaria.gnecco@unige.it) phone number +39 010 3352485.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Ilaria GNECCO

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

**Funding: JPI Climate - SOLSTICE 2019. CCC-CATAPULT Challenging the ClimateCrisis: Children's Agency to TACKle Policy Underpinned by Learning for Transformation.**

**Title:** Climate Change: the role of green infrastructures to mitigate the hydraulic risk.

**Description:** The research activity is developed in the framework of the project "CCC-CATAPULT: Challenging the Climate Crisis: Empowering Children to Tackle Policy Underpinned by Learning for Transformation". The project aims to co-create new knowledge through the 'eyes and ears' of children, teachers and other supporters of learning on how they situate and make sense of their lives in relation to climate complexity and environmental issues. The object of the research is the implementation of green infrastructure as a solution for hydraulic risk mitigation and their adoption in emerging local climate change adaptation strategies.

**Scientific disciplinary sector:** ICAR/02 COSTRUZIONI IDRAULICHE E MARITTIME E IDROLOGIA

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

**Required degree:** Laurea magistrale delle classi LM-23 Ingegneria civile, LM-35 Ingegneria per l'ambiente e il territorio, LM-48 Pianificazione Territoriale, urbanistica e paesaggistico-ambientale, LM-80 Scienze Geografiche.

**Subjects of the interview:** Urban hydrology, Nature based solutions, climate adaptation strategies, data management, participatory process, communication strategy in risk management.

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

## **RESEARCH PROGRAM NO. 14**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **10.02.2022** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Giuseppe Piccardo at the address e-mail: giuseppe.piccardo@unige.it on the phone number +39 010 335 2970.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Giuseppe PICCARDO

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

**Title:** Development of experimental procedures for Wind Tunnel tests.

**Description:** In Wind Engineering problems, despite the progress of computational methods, Wind Tunnel studies remain fundamental. Tall buildings and bridges often require experimental tests to evaluate their aerodynamic and aeroelastic behavior, as well as their influence on the urban environment, in the presence of stationary winds. Recent studies have also highlighted the importance of non-stationary wind phenomena, which can cause severe damage but which are challenging to simulate in the usual wind tunnels. In-depth investigations are planned on the aerodynamics and on possible aeroelastic phenomena (such as galloping and vortex shedding) of bluff bodies representative of real structures, with particular attention to the evaluation of the aerodynamic damping, trying to simulate characteristic effects of thunderstorm outflows in a traditional wind tunnel.

**Scientific disciplinary sector:** ICAR/08 SCIENZA 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:** Wind Engineering, Wind Tunnel Tests, Aerodynamics and Aeroelasticity, Thunderstorms and Non-Synoptic Winds.

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



## **RESEARCH PROGRAM NO. 15**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **11.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **14.02.2022** starting from **9:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Chiara Calderini at the address e-mail: chiara.calderini@unige.it, on the phone number +39 342 9778054.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Chiara CALDERINI

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

**Title:** Structural modelling of arch-piers systems subjected to differential base displacements.

**Description:** The research aims at analysing the structural behaviour of masonry arch-piers systems subjected to differential base displacements of seismic and geological nature. The objective is the definition of displacement/deformation thresholds for the safety assessment and monitoring of these systems, which are very common in historical buildings and churches. The research will be based on both experimental and modelling activities. It will be conducted by experimental tests on scale models (that will be carried out in the Laboratory of “Material and structures” of the Department of Civil, Chemical and Environmental Engineering) and by numerical analyses on detailed finite elements models.

**Scientific disciplinary sector:** ICAR/09 TECNICA DELLE COSTRUZIONI

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

**Required degree:** Dottorato di ricerca in Ingegneria Civile (ambito Ingegneria Strutturale).

**Subjects of the interview:** Structural modelling of masonry buildings - Seismic analysis of masonry structures – Structural assessment of existing buildings.

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

## **RESEARCH PROGRAM NO. 16**

**The assessment criteria for the qualifications and the interview will be affixed on 10.02.2022 at 11:00** in Dipartimento Architettura e Design (DAD), Stradone di Sant' Agostino 37, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 10.02.2022 at 16:00** in Dipartimento Architettura e Design (DAD), Stradone di Sant' Agostino 37, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 10.02.2022 at 16:30** in Dipartimento Architettura e Design (DAD), Stradone di Sant' Agostino 37, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

*As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof.ssa Chiara Olivastri via the email address: chiara.olivastri@unige.it, phone number +39 347 1657166.*

**Scientific coordinator:** Prof.ssa Chiara OLIVASTRI

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

**Title:** Service design for circular economy and enhancement of reuse practices.

**Description:** Research, mapping and experimentation of services capable of optimizing reuse practices as concrete actions and awareness towards ecological transition.

**Scientific disciplinary sector:** ICAR/13 DISEGNO INDUSTRIALE

**Place:** Dipartimento Architettura e Design (DAD)

**Required degree:** Laurea Magistrale della classe LM-12 Design.

**Subjects of the interview:** Service Design tools and co-design process focus on circular economy and reuse practices.

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

## **RESEARCH PROGRAM NO. 17**

**Publicity of criteria for the qualifications and the interview:** on **16.02.2022** at **10:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **16.02.2022** at **14:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Maria Benedetta Spadolini at the address e-mail: mariabenedetta.spadolini@unige.it, phone number + 39 320 4392897.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Maria Benedetta SPADOLINI

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

**Title:** Product design for cultural transformations (geography, demography, lifestyles) and identity enhancement (from territory to brand).

**Description:** Definition of the binomial design/identity declined from the brand to the territory in order to identify strategies and projects to express, through products, the concepts of uniqueness, originality, heritage, know-how.

**Scientific disciplinary sector:** ICAR/13 DISEGNO INDUSTRIALE

**Place:** Dipartimento Architettura e Design (DAD)

**Required degree:** Laurea Magistrale della classe LM-12 Design.

**Subjects of the interview:** Research experience focus on Made in Italy as a symbol of territoriality and originality, declined in products and crafts.

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

## **RESEARCH PROGRAM NO. 18**

**Publicity of criteria for the qualifications and the interview:** on **11.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **11:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **9:30** The interview will take place, in any case, electronically (video conference via Teams, codice: q0xvar3) by contacting Prof. Clario Di Fabio at the address e-mail: clario.difabio@unige.it.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Clario DI FABIO

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

**Funding: FISR2019\_05012 MemId. Memoria e identità. Riuso, rilavorazione e riallestimento della scultura medievale in Età moderna, tra ricerca storica e nuove tecnologie**

**Title:** Survey and representation of sculptural complexes and microarchitectures with related three-dimensional reconstructions, in relation to specific research projects of the MemId project.

**Description:**The research project requires the collaboration of an architect who is an expert in the field of drawing, photogrammetric and/or laser scanning surveys, and solid modelling, able to offer appropriate representations of specific case studies, in order to broaden the possibilities and the horizons of historical-artistic analysis, offering proper visualisations of the working hypotheses and ideal restitutions of the case studies, with greater communicative effectiveness, and finally to broaden the skills and awareness of young researchers involved in the sectors of historical research with regard to new technological tools now available to humanistic research. The researcher to be recruited, who will work in collaboration with all three units in which the project is divided, will be selected on the basis of specific skills in the research topic and, given the collaborative nature of the project, also on the basis of the ability to work in an interdisciplinary team.

**Scientific disciplinary sector:** ICAR/17 DISEGNO

**Place:** Dipartimento di Italianistica, Romanistica, Antichistica, Arti e Spettacolo (DIRAAS)

**Required degree:** Laurea magistrale della classe LM-4 Architettura e ingegneria edile architettura.

**Subjects of the interview:** The interview will test the candidate's specific skills in the field of surveying and drawing and, in particular, the candidate's knowledge of the processes of surveying and representation of artistic and architectural complexes, with particular attention to the decorative and sculptural apparatus. Questions will focus on the following topics:

- 1) digital photogrammetric survey;
- 2) Digital twin potentials for the inventory, conservation and valorisation of cultural heritage;
- 3) ICT tools and applications in the field of cultural heritage.

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

## **RESEARCH PROGRAM NO. 19**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **11:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **16:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **11.02.2022** starting from **9:30** The interview will take place, in any case, electronically (video conference via Skype/Team) by contacting Prof.ssa Giulia Pellegri at the address e-mail: giulia.pellegri@unige.it , phone number +39 328 4439282.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Giulia PELLEGRINI

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

**Title:** Digital representation by advanced survey. Documentation, enhancement and educational processes for heritage through digital innovation.

**Description:** The research project involves the use of advanced instrumentation for surveying at all scales: from urban to that of the single object. Experience in the use of Drones and knowledge of structured light scanner instrumentation is required. The aim of the research is the construction of identity, citizenship education, the promotion of active learning and inclusive and intercultural dialogue.

We want to strengthen the perception of cultural heritage as a strategic resource, which will see a continuous synergy between the territory, school and museum systems, archives, libraries, intangible heritage and cultural landscapes.

**Scientific disciplinary sector:** ICAR/17 DISEGNO

**Place:** Dipartimento Architettura e Design (DAD)

**Required degree:** Dottorato di ricerca in Architettura.

**Subjects of the interview:** Use of drones for urban and architectural survey; photogrammetric restitution; didactic innovation strategy; urban and environmental perception; chromatic environmental survey.

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

## SCIENTIFIC DISCIPLINARY AREA INDUSTRIAL AND INFORMATION ENGINEERING

### RESEARCH PROGRAM NO. 20

**The assessment criteria for the qualifications and the interview will be affixed on 10.02.2022 at 8:30** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via Montallegro 1, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 10.02.2022 at 11:30** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via Montallegro 1, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 10.02.2022 at 12:00** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via Montallegro 1, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof. Alberto TRAVERSO

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

**Title:** Cyberphysical modelling of advanced energy systems.

**Description:** As part of the energy transition towards the generation of power from renewable sources, the reduction of environmental emissions from traditional power plants and energy recovery from distributed sources for supplying remote and / or autonomous systems, in order to speed up and to ease the replication and maintenance of advanced power generation technologies, this project aims to develop dynamic models of energy systems according to the cyberphysical approach, combining the realism of experimental plants with the versatility of thermo-dynamic and environmental simulation tools. This research activity will concern the development and validation of cyberphysical models applied both to power plants operating in closed cycle and to microexpanders for recharging batteries operating in open cycle, with the aim of assisting the design of prototypes and subsequently exploiting their performance measurements for model validation.

**Scientific disciplinary sector:** ING-IND/09 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, Ingegneria Elettronica, Ingegneria per l'ambiente e il territorio; Laurea specialistica delle classi 32/S Ingegneria elettronica, 36/S Ingegneria meccanica, 38/S Ingegneria per l'ambiente e il territorio; Laurea magistrale delle classi LM-29 Ingegneria elettronica, LM-33 Ingegneria meccanica, LM-35 Ingegneria per l'ambiente e il territorio.

**Subjects of the interview:** Energy systems, power plants, microturbines, dynamics and controls of complex systems, renewable energy sources, energy and information management of remote and/or autonomous systems, environmental monitoring.

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

## **RESEARCH PROGRAM NO. 21**

**Publicity of criteria for the qualifications and the interview:** on **09.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **09.02.2022** at **16:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **09.02.2022** starting from **16:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Zoppi at the address e-mail: [matteo.zoppi@unige.it](mailto:matteo.zoppi@unige.it) phone number + 39 320 4382160.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Matteo ZOPPI

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

**Funding: H2020-DT-ART-2019, grant agreement ID: 875530: SHared automation Operating models for Worldwide adoption SHOW.**

**Title:** Development and demo of the delivery of freights in a city center using autonomous robotic agents.

**Description:** Study of the applicative case. Selection of the number of agents with specifications using simulation. Acquisition of the agents and planning of the freight distribution in cooperation with the manufacturer of the agents. Integration and start of the delivery network. Development and run of the demo.

**Scientific disciplinary sector:** ING-IND/13 MECCANICA APPLICATA ALLE MACCHINE

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

**Required degree:** Laurea magistrale delle classi LM-17 Fisica, LM-18 Informatica, LM-20 Ingegneria aerospaziale e astronautica, LM-25 Ingegneria dell'automazione, LM-26 Ingegneria della sicurezza, LM-27 Ingegneria delle telecomunicazioni, LM-28 Ingegneria elettrica, LM-29 Ingegneria elettronica, LM-31 Ingegneria gestionale, LM-32 Ingegneria informatica, LM-33 Ingegneria meccanica, LM-34 Ingegneria navale, LM-40 Matematica, LM-56 Scienze dell'economia, LM-DS Scienze della difesa e della sicurezza.

**Subjects of the interview:** Mobile Robotics, techniques of freight delivery using robots, robot navigation.

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

## RESEARCH PROGRAM NO. 22

**Publicity of criteria for the qualifications and the interview:** on **11.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **11.02.2022** at **16:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **11.02.2022** starting from **16:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Zoppi at the address e-mail: [matteo.zoppi@unige.it](mailto:matteo.zoppi@unige.it) phone number + 39 320 4382160.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Matteo ZOPPI

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

**Finanziamento:** Misura. Regione Liguria, misura 16.02 del PSR 2014 – 2020, attuazione del Bando DGR n. 668/2019, domanda di sostegno n. 12777. Titolo del progetto. S.E.O.L. “Sviluppo degli esoscheletri passivi nello svolgimento delle principali operazioni colturali dell’olivicoltura ligure.”

**Title:** Development of passive exoskeletons specific for agricultural tasks.

**Description:** Study of mechanisms and architectures for the design of passive exoskeletons specific for the performance of agricultural tasks on steep land and on terrasses.

**Scientific disciplinary sector:** ING-IND/13 MECCANICA APPLICATA ALLE MACCHINE

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

**Required degree:** Laurea magistrale delle classi LM-17 Fisica, LM-21 Ingegneria biomedica, LM-25 Ingegneria dell'automazione, LM-29 Ingegneria elettronica, LM-32 Ingegneria informatica, LM-40 Matematica.

**Subjects of the interview:** Robotics, mechanisms for robotics. Exoskeletons.

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



## **RESEARCH PROGRAM NO. 23**

**Publicity of criteria for the qualifications and the interview:** on **14.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **13:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **9:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Stefano Massucco at the address e-mail: stefano.massucco@unige.it, phone number +39 329 2106116.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Stefano MASSUCCO

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

**Title:** Methodologies and tools for energetic analysis of buildings, university structures and energy communities.

**Description:** The research will be developed on the subject of the intelligent management of energetic consumptions. Methodologies, audit and tools will be proposed and used with the aim of identifying guidelines for energy saving in buildings, university structures and districts. Demand management techniques will be also investigated.

**Scientific disciplinary sector:** ING-IND/33 SISTEMI ELETTRICI PER L'ENERGIA

**Place:** Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN)

**Required degree:** Laurea Specialistica delle classi 31/S Ingegneria elettrica, 36/S Ingegneria meccanica; laurea magistrale delle classi LM-22 Ingegneria chimica, LM-28 Ingegneria elettrica, LM-33 Ingegneria meccanica.

**Subjects of the interview:** Electrical and thermal energetic analysis for structures like civil, university buildings and districts. Power generation by conventional and renewable sources. Subjects related to liberalised energy markets, contractual aspects and tariffs. Basic tools for modelling and simulation. Demand management.

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

## **RESEARCH PROGRAM NO. 24**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **16:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **10.02.2022** starting from **16:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Zoppi at the address e-mail: [matteo.zoppi@unige.it](mailto:matteo.zoppi@unige.it) phone number + 39 320 4382160.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Matteo ZOPPI

**NO.2 research fellowships- Duration year 1 – Annual pre-tax amount: € 23.250,00**

**Funding:** Misura. POR FESR 2014-2020 - Asse 1 - Azione 1.2.4 - Poli di Ricerca e Innovazione. **Supporto allarealizzazione di progetti complessi di attività di ricerca e sviluppo per le imprese aggregate aiPoli di Ricerca ed Innovazione - Bando 2020. Titolo del progetto: Prognostic Maintenance servitization of Medical Equipment using AI, DLT and Edge computing.**

**Title:** Prognostic Maintenance of Industry 4 and Biomedical appliances using Artificial Neural Networks on chip, Distributed Ledger Technology and IoT sensors on Edge computing: architecture, cooperation to implementation and integration, testing.

**Description:** The project envisages the creation of a platform for the delivery of prognostic and predictive maintenance services of products in the MedTech and Industry 4.0 sectors using on chip Artificial Neural Networks, Edge AI, DLT and Industrial IoT technologies. The project involves the creation of a platform for the remote management of medical equipment aimed at the Equipment as a Service (EaaS) model. The project involves the use of Edge AI technologies on neuronal chipsets, the development of Shallow Learning algorithms for anomaly detection and integration with sensors and industrial edge computers as well as integration with DLT type ledgers for distributed identification and certification of industrial equipment and plants.

**Scientific disciplinary sector:** ING-INF/01 ELETTRONICA

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

**Required degree:** Laurea magistrale delle classi LM-17 Fisica, LM-18 Informatica, LM-20 Ingegneria aerospaziale e astronautica, LM-25 Ingegneria dell'automazione, LM-26 Ingegneria della sicurezza, LM-27 Ingegneria delle telecomunicazioni, LM-28 Ingegneria elettrica, LM-29 Ingegneria elettronica, LM-32 Ingegneria informatica, LM-33 Ingegneria meccanica, LM-40 Matematica.

**Subjects of the interview:** Edge computing, Industrial IoT, Artificial Neural Networks, physics-based modelling and digital twin.

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

## **RESEARCH PROGRAM NO. 25**

**Publicity of criteria for the qualifications and the interview:** on **11.02.2022** at **10:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **11.02.2022** at **14:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **11.02.2022** starting from **16:00** The interview will take place, in any case, electronically (video conference via MS Teams) by contacting Prof. Enrico Simetti at the address e-mail: [enrico.simetti@unige.it](mailto:enrico.simetti@unige.it) , phone number +39 328 4576981.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Enrico SIMETTI

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

**Title:** Obstacle detection and avoidance for autonomous underwater vehicles.

**Description:** The objective of this research grant is the development of an obstacle detection and avoidance module for autonomous underwater vehicles. The vehicle will be endowed with a forward-looking sonar and a camera. First, it will be necessary to develop image processing and machine learning algorithms for both the acoustic and optical images, with the goal of detecting the position of the obstacles. Then, the research will focus on the development of control strategies to avoid the detected obstacles.

**Scientific disciplinary sector:** ING-INF/04 AUTOMATICA

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

**Required degree:** Laurea Magistrale delle classi LM-18 Informatica, LM-25 Ingegneria dell'Automazione, LM-32 Ingegneria Informatica.

**Subjects of the interview:** Marine robotics, robot control, computer vision, image processing techniques, C++ programming, ROS, ROS2, machine learning.

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

## **RESEARCH PROGRAM NO. 26**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **11.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **12:00** The interview will take place, in any case, electronically (video conference via Teams) by contacting Prof. Giovanni Adorni at the address e-mail: [adorni@unige.it](mailto:adorni@unige.it) phone number +39 329 2104392.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Giovanni ADORNI

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

**Title:** Communicating digital innovation.

**Description:** The goal of this research is to develop and validate effective communication methods and strategies to support the process of digital innovation in the educational sector. In the face of the tools now available for the identification of digital skills and their detection, it is necessary to build a narrative that proposes digital as a structural element of educational processes to be valued also in terms of professional competence. For this reason, it is necessary to build communication models that take into account the perspectives of all the stakeholders involved: not only those involved in education, but above all the institutions of reference and the world of work as essential parts in promoting the value of digital competence to meet the challenges of today and tomorrow.

**Scientific disciplinary sector:** ING-INF/05 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI

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

**Required degree:** Laurea magistrale delle classi LM-19 Informazione e sistemi editoriali, LM-59 Scienze della comunicazione pubblica, d'impresa e pubblicità, LM-91 Tecniche e metodi per la società dell'informazione, LM-92 Teorie della comunicazione, LM-93 Teorie e metodologie dell'elearning e della media education.

**Subjects of the interview:** Methods and techniques for digital communication. The DigComp 2.1, DigCompEdu, DigCompOrg competency frameworks. The DESI index (Digital Economy and Society Index). Certifications in the school world. The National Digital School Plan.

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

**SCIENTIFIC DISCIPLINARY AREA ANTIQUITIES, PHILOLOGY, LITERARY STUDIES, ART HISTORY**

**RESEARCH PROGRAM NO. 27**

**Publicity of criteria for the qualifications and the interview:** on **15.02.2022** at **9:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **15.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **12:30** The interview will take place, in any case, electronically (video conference via Microsoft Teams) by contacting Prof. Fabio Negrino at the address e-mail: [fabio.negrino@unige.it](mailto:fabio.negrino@unige.it) phone number + 39 347 5349133.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof. Fabio NEGRINO

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

**Funding:** JPI Cultural Heritage JPICH Conservation, Protection and use – Call 2019 “Inspiring rural heritage: sustainable practices to protect and conserve upland landscapes and memories – IRIS”. CUP G17H03000130001.

**Title:** The pre-protolithic heritage of Ligurian Apennine: evidence, predictability, preservation and valorization.

**Description:** The researcher will produce a complete inventory of the pre-protolithic evidence of the area under study within the project JpiCh IRIS, "Inspiring Rural heritage: Sustainable practices to protect and conserve upland landscapes and memories"), through a careful analysis of bibliographic sources, but also through surveys and field checks. He/she will have to document the current state of the sites, in order to detect their geomorphological and environmental characteristics in order to elaborate a predictive model useful for the conservation and valorization of these sites but also for the identification of new chronologically and functionally related sites. The researcher will participate in the investigations conducted in the Ligurian Apennines that have as their objective the deepening of historical and environmental issues; he must also be able to independently carry out surveys, and to process and interpret the results, and collaborate in the construction of a georeferenced database of research on archaeological, historical and rural heritage. Finally, he/she will have to participate in the planning and realization of training and dissemination paths foreseen by the IRIS project.

**Scientific disciplinary sector:** L-ANT/01 PREISTORIA E PROTOSTORIA

**Place:** Dipartimento di Antichità, Filosofia e Storia (DAFIST)

**Required degree:** Laurea magistrale della classe LM-2 Archeologia.

**Subjects of the interview:** The interview aims to evaluate the candidates' experience in pre-protolithic archaeology, with particular attention to the area considered, as well as their aptitude for research, critical discussion and teamwork.

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

<b>SCIENTIFIC DISCIPLINARY AREA HISTORY, PHILOSOPHY, PEDAGOGY AND PSYCHOLOGY</b>
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**RESEARCH PROGRAM NO. 28**

**The assessment criteria for the qualifications and the interview will be affixed on 10.02.2022 at 10:00** in Dipartimento di Scienze della Formazione (DISFOR), Corso A. Podestà, 2 Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 10.02.2022 at 13:00** in Dipartimento di Scienze della Formazione (DISFOR), Corso A. Podestà, 2 Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 15.02.2022 at 9:30** in Dipartimento di Scienze della Formazione (DISFOR), Stanza 1A6, Corso A. Podestà, 2 Genova

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

*As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Andrea Traverso via the email address: a.traverso@unige.it, phone number +39 393 6210701.*

**Scientific coordinator:** Prof. Andrea TRAVERSO

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

**Title:** EduLarp and didactics of mathematics: design and evaluation of learning.

**Description:** The research aims to study the development of EduLarps with empirical models as a teaching strategy useful for the development of skills, in particular, in mathematics teaching.

The main objective of the research is to develop and test in practice the EduLarp Mathematics program, which will be designed and proposed to high schools as an integration to the mathematics teaching already in use.

Specific objectives of the project are:

- Designing EduLarp for mathematics learning
- Evaluate the achievement of mathematical skills using active teaching strategies.

**Scientific disciplinary sector:** M-PED/04 PEDAGOGIA SPERIMENTALE

**Place:** Dipartimento di Scienze della Formazione (DISFOR)

**Required degree:** Dottorato di ricerca in Pedagogia, in Scienze Sociali, in didattica e pedagogia speciale.

**Subjects of the interview:** Didactics and game, pedagogy of play, EduLarp, game design, educational planning, didactic planning, active teaching strategies, game and didactics of mathematics, formative evaluation.

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

<b>SCIENTIFIC DISCIPLINARY AREA LAW</b>
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**RESEARCH PROGRAM NO. 29**

**The assessment criteria for the qualifications and the interview will be affine on 11.02.2022 at 12:30** in Dipartimento di Giurisprudenza, Sezione di diritto privato, 4° piano, scala B, Via Balbi 22, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 11.02.2022 at 15:30** in Dipartimento di Giurisprudenza, Sezione di diritto privato, 4° piano, scala B, Via Balbi 22, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 14.02.2022 at 9:00** in Dipartimento di Giurisprudenza, Sezione di diritto privato, 4° piano, scala B, Via Balbi 22, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof.ssa Valentina DI GREGORIO

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

**Title:** Self-driving transport devices: ICT, liability and compulsory insurance in the private law.

**Description:** The research aims to investigate some issues that the spread of AI-controlled transport systems raises to the attention of civil law, with particular reference to the development of innovative technologies which, while fostering progress, may at the same time be a source of damage from circulation or handling, also in view of the difficulties in certainly determining the individual against whom claims should be made. In evaluating the perspectives of intervention through the implementation and development of legal instruments already consolidated in other contexts, attention is to be paid to preventive and remedial measures, with particular emphasis on compulsory insurance, associated with the possibility for the damaged party to act directly against the insurer of the damaging vehicle.

**Scientific disciplinary sector:** IUS/01 DIRITTO PRIVATO

**Place:** Dipartimento di Giurisprudenza

**Required degree:** Dottorato di ricerca in logistica e trasporti.

**Subjects of the interview:** Transport law; insurance contracts; torts and direct action; AI and robotics in logistic field.

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

## **RESEARCH PROGRAM NO. 30**

**The assessment criteria for the qualifications and the interview will be affixed on 10.02.2022 at 9:00** in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3A, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 10.02.2022 at 12:00** in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3A, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by by posting on the bulletin board of the examination centre, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 10.02.2022 at 15:00** in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3A, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof.ssa Ilaria QUEIROLO

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

**Funding: progetto “Adaptation of Rights in rem in Cross-Border Succession within EU (EU-ADAPT) (JUST-JCOO-AG-2020-101007501)”, co-finanziato dalla Commissione europea.**

**Title:** Adaptation of Rights in rem in Cross-Border Succession within EU (EU-ADAPT)(JUST-JCOO-AG-2020-101007501).

**Description:** Within the research the researcher will cover the activities linked to the EU project "Adaptation of Rights in rem in Cross-Border Succession within EU (EU-ADAPT)". The project analyzes and develops tools that guarantee legal certainty on the adaptation of rights in rem in the context of cross-border successions, with the aim of establishing a system of equivalence between the rights in rem foreseen the legal systems of the EU Member States. The researcher will be engaged in the study of legislation, case law and practices developed in the Italian legal system, as well as in the Member States assigned to the research unit by the project coordinator, concerning rights in rem in the field of mortis causa successions. The researcher will also collaborate in all project activities, in particular in the development of a portal, containing a reference framework for legal practitioners operating in the field of rights in rem and adaptation of rights in rem pursuant to art. 31 of Regulation (EU) no. 650/2012. The researcher will also collaborate in the communication and dissemination activities of the project results.

**Scientific disciplinary sector:** IUS/13 DIRITTO INTERNAZIONALE

**Place:** Dipartimento di Scienze Politiche (DISPO)

**Required degree:** Dottorato di ricerca in Scienze Sociali (curriculum Scienze Politiche); Dottorato di ricerca in Diritto.

**Subjects of the interview:** European private and procedural international law in civil and commercial matters; succession law; Regulation (EU) No. 650/2012.

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



## **RESEARCH PROGRAM NO. 31**

**Publicity of criteria for the qualifications and the interview:** on **11.02.2022** at **18:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **18:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **15.02.2022** starting from **17:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Annamaria Peccioli at the address e-mail: Annamaria.Peccioli@giuri.unige.it phone number +39 338 9581146.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Annamaria PECCIOLI

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

**Title:** The forms of the psychological assistance in the crime.

**Description:** The aim of this project is to investigate the complex dynamics of psychic conditioning in the commission of a multi-personal offence. As is well known, the recognition of criminal liability over the moral accomplice requires the verification of the causal relationship between a communicative conduct and the concrete realisation of the crime.

The research aims to clarify the procedure for demonstrating the causal connection in the problematic context of “interpersonal transactions”. It intends to investigate the delicate balance between requirements of general preventions and the founding principles of criminal law (among others, the self-responsibility of the individual, the freedom of expression and the personal nature of criminal liability).

**Scientific disciplinary sector:** IUS/17 DIRITTO PENALE

**Place:** Dipartimento di Giurisprudenza

**Required degree:** Dottorato di ricerca nel settore scientifico disciplinare IUS/17 (Diritto penale)

**Subjects of the interview:** The interview consists of an in-depth assessment of skills in relation to the general part and the special part of criminal law, with particular reference to issues concerning the subject of the involvement of persons in the crime and the ascertainment of psychic facts.

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

**RESEARCH PROGRAM NO. 32**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Renata Paola Dameri at the address e-mail: dameri@economia.unige.it , phone number +39 347 4228270.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Renata Paola DAMERI

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

**Title:** Performance Indicators for resilient cities.

**Description:** The research aims to develop an urban quality monitoring tool based on solid scientific foundations, deriving both from an in-depth analysis of the literature, and from confrontation with the main actors and stakeholders of urban resilience.

The research activity must produce:

- A scientific analysis of urban quality measurement tools;
- The definition of a framework of indicators for the measurement of urban qualities, based both on the previous scientific literature and on the consultation of the actors and stakeholders;
- The design of a system for data collection, space-time comparison, synthesis of indicators with respect to the main qualities of the city, for example: inclusive, attractive, sustainable, etc.
- The design of a support system for political decisions at urban-local scale, based on the system of indicators;
- The conception of a communication system towards citizens based on the same system of indicators.

**Scientific disciplinary sector:** SECS-P/07 ECONOMIA AZIENDALE

**Place:** Dipartimento di Economia

**Required degree:** Dottorato di ricerca in economia o architettura.

**Subjects of the interview:** Performance measurement for cities.

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

## **RESEARCH PROGRAM NO. 33**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **14.02.2022** at **12:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **16.02.2022** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Renata Paola Dameri at the address e-mail: dameri@economia.unige.it , on the phone number +39 347 4228270.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Renata Paola DAMERI

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

**Title:** Preparation of an operational model for assessing the Sustainable Public Value created by a local public transport company.

**Description:** The research activity consists in defining a model for measuring, evaluating and reporting the public value generated on the territory and for citizens by a local public transport company. The research is part of the trend of non-financial reporting, applied to organizations that provide public services and particular transport services. The research activity carried out by the research fellow will be articulated as follows.

1. Survey on the state of the art of non-financial reporting, analyzed both in terms of data collection activities and in terms of communication and relationship tools with stakeholders.
2. Analysis of the cases relating to the preparation and dissemination of public value reporting tools issued by organizations operating in the local public transport sector, with detection of international best practices.
3. Definition of a model for the measurement, evaluation and reporting of the public value produced by a local public transport organization, with particular reference to AMT operating in Genoa. The model must describe how the results are presented to the various types of stakeholders; it must also identify the indicators useful for measurement with related sources, with particular emphasis on those coming from the smart stop.

**Scientific disciplinary sector:** SECS-P/07 ECONOMIA AZIENDALE

**Place:** Dipartimento di Economia

**Required degree:** Laurea magistrale della classe LM-77 Scienze economico-aziendali.

**Subjects of the interview:** Non-financial reporting tools, as well as the methods of measuring and assessing the territorial impact of companies or projects.

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

## RESEARCH PROGRAM NO. 34

**The assessment criteria for the qualifications and the interview will be affixed on 14.02.2022 at 12:00** in Dipartimento di Economia, sala riunioni presso la Biblioteca di Storia Economica (I livello), Via Vivaldi 5, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by posting them at the examination venue, publication on the Department's website and contextual email communication to each of the candidates.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.02.2022 at 11:00** in Dipartimento di Economia, sala riunioni presso la Biblioteca di Storia Economica (I livello), Via Vivaldi 5, Genova. The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by posting them at the examination venue, publication on the Department's website and contextual email communication to each of the candidates.

**The interview will be held on 16.02.2022 at 16:00** in Dipartimento di Economia, sala riunioni presso la Biblioteca di Storia Economica (I livello), Via Vivaldi 5, Genova.

**For participation in the interview, reference is made to the provisions of art. 3, paragraph 1, of the D.L. 23 July 2021 n. 105 converted into Law 16 September 2021 n. 126 in relation to the possession by candidates of the COVID-19 green certification.**

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

*As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof Andrea Zanini via the email address: zanini@economia.unige.it phone number +39 010 2095016.*

**Scientific coordinator:** Prof. Andrea ZANINI

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

**Title:** Gender Business. Operational profiles, strategies and accounting of the Genoese patriciate businesswomen (17th-18th centuries).

**Description:** The project aims to outline a profile of the Genoese aristocracy businesswomen operating in the early modern period through the analysis of a particularly significant case study, represented by Isabella De Mari Doria (1708-1785). The role of women in the purely economic sphere has so far been neglected by the literature, which has mainly focused on their social function as daughters, wives or mothers of the most famous businessmen active in Europe, which are the subject of numerous researches. The rich, both accounting and non-accounting, documentation relating to the activities of this noblewoman is kept at the Centro di studi e documentazione di Storia economica "ArchivioDoria", Doria di Montaldeo fund. The researcher's work will initiate a new strand of gender studies in order to create a model applicable to other women, whose accounting documents are kept in the same archive.

**Scientific disciplinary sector:** SECS-P/12 STORIA ECONOMICA

**Place:** Dipartimento di Economia

**Required degree:** Dottorato di Ricerca in Storia economica o in Economia.

**Subjects of the interview:** Early modern Economic history, with particular reference to the Republic of Genoa. The Commission will assess the student's mastery of the project's topics, the clarity of presentation and his analytical skills. Motivation to undertake this course of study and interest in archival research will also be assessed, as well as familiarity with the analysis of accounting sources.

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

## **RESEARCH PROGRAM NO. 35**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **14:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **17:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **11.02.2022** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Eva Riccomagno at the address e-mail: riccomagno@dima.unige.it , phone number +39 010 353 6938.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof.ssa Eva RICCOMAGNO

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

**Title:** Advances in the theory and application of staged trees.

**Description:** The project aims at moving forward the theory and practice of non-stratified CEGs and specifically to address one or more of the following research areas: algebraic and statistical modelling of dataset in the presence of missing, the algebra and estimation of non X-compatible staged trees, information geometry of non-stratified staged trees.

**Scientific disciplinary sector:** SECS-S/01 STATISTICA

**Place:** Dipartimento di Matematica (DIMA)

**Required degree:** Laurea magistrale delle classi LM-17 Fisica, LM-18 Informatica, LM-40 Matematica, LM-43 Metodologie informatiche per le discipline umanistiche, LM-44 Modellistica matematico-fisica per l'ingegneria, LM-82 Scienze statistiche, LM-83 Scienze statistiche attuariali e finanziarie, LM-91 Tecniche e metodi per la società dell'informazione.

**Subjects of the interview:** Statistical modelling and mathematical modelling, statistical inference.

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

**RESEARCH PROGRAM NO. 36**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2022** at **9:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates

**Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview:** on **10.02.2022** at **15:30** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

**The interview:** on **14.02.2022** starting from **9:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Claudio Torrighiani at the address e-mail: claudio.torrighiani@unige.it , on the phone number +39 328 3058607.

**Such a notice is equivalent to notification to all intents and purposes.**

**Scientific coordinator:** Prof Claudio TORRIGIANI

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

**Funding: PRIN 2017 - 20173SNL9B\_002 titolo: Evaluating the School-Work Alternance: a longitudinal study in Italian upper secondary schools.**

**Title:** Paths for Transversal Skills and Orientation: analysis of governance mechanisms and evaluation models.

**Description:** The main objectives of the project "Evaluating the School-Work Alternance: a longitudinal study in Italian upper secondary schools" concern: the evaluation of PTSOs, the identification of good practices in order to facilitate students' aspirations and career orientations and the provision of useful information to schools, hosting structures and policy makers to implement these pathways, supporting students in the transition from school to work or to higher education. Having completed the exploratory analysis, the Local Research Unit intends to deepen the investigation of the governance mechanisms of PTSOs and to define the overall evaluation model of this policy. Based on the empirical results, Unit 3 will identify success and unsuccessful cases, which will be analysed, to understand how PTSOs work in different contexts. The research fellow will collaborate to data collection and analysis and will contribute to the drafting of articles, papers and research reports, as well as to participation in national and international conferences.

**Scientific disciplinary sector:** SPS/07 SOCIOLOGIA GENERALE

**Place:** Dipartimento di Scienze della Formazione (DISFOR)

**Required degree:** Laurea V.O. in Psicologia, Servizio Sociale, Sociologia, Pedagogia. Laurea Specialistica delle classi: 49/S Metodi per la ricerca empirica nelle scienze sociali, 57/S Programmazione e gestione delle politiche e dei servizi sociali , 58/S Psicologia, 87/S Scienze pedagogiche, 89/S Sociologia. Laurea Magistrale delle classi LM-51 Psicologia, LM-85 Scienze pedagogiche, LM-87 Servizio sociale e politiche sociali, LM-88 Sociologia e ricerca sociale.

**Subjects of the interview:** Methodological and technical knowledge and skills for the evaluation of training and social interventions; knowledge and skills in the field of research methodology in the human and social sciences, knowledge and skills in the field of youth policies at a national and international level.

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