



# UNIVERSITÀ DEGLI STUDI DI GENOVA

## AREA PERSONALE

### Servizio Personale Docente

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

Decree n. 5264

### 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. 2002 dated 23 May 2019 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”;

Having regard to the resolution of the Board of Directors dated 22nd July 2020, with which the calendar of procedures has been amended;

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

Given the D.P.C.M. 3.12.2020 which provide the performance of the pre-selection and written tests of public and private competition procedures and those of qualification to practice the professions is suspended, excluding cases in which the evaluation of candidates is carried out exclusively on curricular basis or electronically;

Considering that it has been established that the scientific coordinators for the selection procedures indicated in Annex A, which is an integral part of this call, is willing to carry out the above mentioned procedure electronically;

## HEREBY DECREES

### ART. 1

#### Number of research fellowships

1. An announcement is made for no. 38 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/languages 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) whether he/she, it will be mandatory to conduct the interview by electronic means, through a video conference;

**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 held exclusively electronically (video conference by SKYPE/TEAMS) regardless of the distance of your habitual residence or domicile.**

8. 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.

9. At the end of the individual stages, the selection committee will publish 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 all candidates.

10. 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 *Annex A* 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 payed 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 tutorship 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 23<sup>th</sup> 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) – Servizio Personale Docente (Teaching Staff Department) Settore Gestione Stato Giuridico del Personale Docente e degli Assegnisti di ricerca(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, *21.12.2020*

THE RECTOR  
Digitally 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 **02.02.2021** at **09:00** 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 **02.02.2021** 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 **02.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Nicoletta Noceti well in advance at the address e-mail: [nicoletta.noceti@unige.it](mailto:nicoletta.noceti@unige.it), phone number +39 010 353 6704.

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

**Scientific coordinator:** Prof.ssa Nicoletta NOCETI

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

**Finanziamento:** [Noceti\\_c48/2019\\_Cariplo](#).

**Title:** Social interaction analysis, with application to the estimation of emotional well-being in older citizens.

**Description:**

The goal of the research is to contribute to the development of a model of social interaction analysis based on videos. The input includes 2D and 3D data, and it includes several processing steps: people detection and pose estimation, distance estimation, per-person focus of attention estimation, per-group interaction analysis. The model will also consider specific case-studies, such as cooperation or competition activities.

**Scientific disciplinary sector:** INF/01 INFORMATICA

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

**Required degree:**

Dottorato di ricerca in Computer Science, Computer Engineering, Electrical Engineering, Bioengineering, Robotics o titoli affini.

**Subjects of the interview:**

Elements of Machine Learning and Computer Vision; object detection, pose estimation, gaze detection, social-interaction analysis; design and development of ML architectures based on AI tools: TensorFlow, Scikit-Learn, Keras, Caffe, Torch/Pytorch; real-time video analysis system development.

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

## **RESEARCH PROGRAM NO. 2**

**Publicity of criteria for the qualifications and the interview:** on **21.01.2021** at **09:00** 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 **21.01.2021** 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 **21.01.2021** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Lorenzo Rosasco well in advance at the address e-mail: [Lorenzo.Rosasco@unige.it](mailto:Lorenzo.Rosasco@unige.it), phone number +39 366 6060866.

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

**Scientific coordinator:** Prof. Lorenzo ROSASCO

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

**Title:** Research and development in the field of Artificial Intelligence applied to the energy market.

**Description:**

Machine learning is a set of techniques for information extraction and data-based decision support. This project aims to develop techniques for the analysis of time series in an efficient and accurate way. To this end, parametric and non-parametric techniques will be used and new methods for model selection will be developed. The methods developed will be tested in the context of historical series of the energy market.

**Scientific disciplinary sector:** INF/01 INFORMATICA

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

**Required degree:**

Laurea magistrale delle classi LM-18 Informatica, LM-32 Ingegneria informatica.

**Subjects of the interview:**

Machine Learning, optimization, time series.

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 **03.02.2021** at **12:30** 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 **03.02.2021** at **18:00** 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 **10.02.2021** starting from **09:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Carlo Schiavi well in advance at the address e-mail: carlo.schiavi@ge.infn.it, phone number +39 010 353 6485.

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

**Scientific coordinator:** Prof. Carlo SCHIAVI

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

**Title:** Design and optimization of a system test for the Outer Endcap of the ITk Pixel detector of the ATLAS experiment, with tools development for DAQ and control of test conditions.

**Description:**

The Genoa-based group has been involved for years in the design, construction and subsequent installation and operation of the pixel detectors of the ATLAS experiment at CERN. As part of the construction of the Pixel detector for the new ATLAS tracker, various test systems are planned, in particular a test system for local supports ("half rings") after the modules have been installed. The candidate will actively contribute to the design of this system, participating in the hardware and software development of the tools necessary for data acquisition and control. An integral part of the work will also be the definition of test protocols and workflow during production.

**Scientific disciplinary sector:** FIS/01 FISICA SPERIMENTALE

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

**Required degree:**

Dottorato di ricerca in Fisica.

**Subjects of the interview:**

Physics of semiconductor detectors for High Energy Physics; Electronics for Data Acquisition; Hardware and software for control of experimental apparatuses.

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

## **RESEARCH PROGRAM NO. 4**

**Publicity of criteria for the qualifications and the interview:** on **01.02.2021** at **18:00** 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 **05.02.2021** at **18:00** 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 **08.02.2021** starting from **09:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Niccolò Traverso Ziani well in advance at the address e-mail: [traversoziani@fisica.unige.it](mailto:traversoziani@fisica.unige.it), phone number +39 010 353 6402.

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

**Scientific coordinator:** Prof. Niccolò Traverso ZIANI

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

**Finanziamento: Progetto ministeriale “Dipartimenti di Eccellenza” (100020-2018-SD-DIP-ECC\_001)**

**Title:** Topology in bilayer graphene quasicrystals.

### **Description:**

The states at the edges of topological insulators represent an interesting playground from both the fundamental and the technological perspective. The aim of this research is to analyze the properties of such states when they emerge at the boundaries of bilayer graphene quasicrystals. Particular attention will be devoted to the role of electronic interactions and to the transport properties.

**Scientific disciplinary sector:** FIS/03 FISICA DELLA MATERIA

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

### **Required degree:**

Laurea Magistrale della classe LM-17 Fisica.

### **Subjects of the interview:**

Graphene, bilayer graphene, topological insulators, Wigner crystals, quasicrystals.

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

## **RESEARCH PROGRAM NO. 5**

**Publicity of criteria for the qualifications and the interview:** on **10.02.2021** at **09:00** 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 **10.02.2021** 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 **10.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Sanguineti well in advance at the address e-mail: [matteo.sanguineti@unige.it](mailto:matteo.sanguineti@unige.it), phone number +39 010 3536459.

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

**Scientific coordinator:** Prof. Matteo SANGUINETI

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

**Title:** Development of algorithms for recognition and classification of cetacean vocalisations in acoustic signals recorded by the KM3NeT detector.

**Description:**

The KM3Net undersea telescope is primarily dedicated to astroparticle physics, but a detector in the deep sea offers many interdisciplinary opportunities. In particular, the detector is equipped with a network of acoustic sensors that are normally used for calibration of the telescope, but also record all animal vocalisations. The proposed research activity includes the development of algorithms for the recognition and classification of cetacean vocalisations in the acoustic signals recorded by the KM3NeT detector and in the sound samples recorded in the harbour of Genoa during the presence of a group of killer whales.

**Scientific disciplinary sector:** FIS/07 FISICA APPLICATA (A BENI CULTURALI, AMBIENTALI, BIOLOGIA E MEDICINA)

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

**Required degree:**

Laurea magistrale delle classi LM-6 Biologia, LM-17 Fisica.

**Subjects of the interview:**

The interview will focus on the discussion of the dissertation work or any other papers submitted (articles or PhD thesis). Knowledge of background signal extraction and signal classification algorithms will be tested.

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 **05.02.2021** at **09:30** 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 **05.02.2021** 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 **08.02.2021** starting from **09:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Gabriele Zoppoli well in advance at the address e-mail: gabriele.zoppoli@unige.it, phone number +39 010 353 8667.

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

**Scientific coordinator:** Prof. Gabriele ZOPPOLI

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

**Finanziamento: CURIOSITY GRANT UNIGE 2020.**

**Title:** Assessment of ploidy, purity, and subclonal populations through genomics analyses of large array-CGH, targeted NGS and low-pass whole genome sequencing in invasive breast carcinoma.

**Description:**

The successful applicant will perform computational and bioinformatical analyses, including the development and optimization of dedicated pipelines and scripts in the Unix/Linux environment, on data from prospective translational trials and publicly available datasets. In particular, the effect of ploidy, purity, subclonal population presence will be evaluated in relation with the aggressiveness of hormone-receptor positive breast cancer. Skills required are in the field of bioinformatics/bioengineering and computational biology, with knowledge of tumor biology, programming capabilities in the Unix/Linux environment and knowledge of the perl, python, make, Java, and R languages.

**Scientific disciplinary sector:** MED/09 MEDICINA INTERNA

**Place:** Dipartimento di Medicina interna e Specialità mediche (DIMI)

**Required degree:**

Laurea magistrale delle classi LM-6 Biologia, LM-21 Ingegneria biomedica, LM-40 Matematica, LM-82 Scienze statistiche.

**Subjects of the interview:**

Copy number assessment pipelines from array-CGH, targeted NGS, whole-genome sequencing. Evaluation and comparison of methods for assessment of cancer population clonality. Relative/absolute copy number estimation and optimization methods to estimate such measures through genomic analyses. Biological consequences of copy number, purity and ploidy in cancer, especially in breast cancer and its metastatic relapse.

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 **03.02.2021** at **09:30** 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 **03.02.2021** at **12:30** 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 **03.02.2021** starting from **13:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Fulvio Braido well in advance at the address e-mail: fulvio.braido@unige.it, phone number +39 010 3351039, + 39 338 6036913.

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

**Scientific coordinator:** Prof. Fulvio BRAIDO

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

**Finanziamento: Compagnia San Paolo (Progetto: Advances in pneumology via ict and data analytics (PNEULYTICS)).**

**Title:** Definition, analysis and integration of Patient Reported Outcomes in the development of the COPD monitoring platform within the Pneumolitycs project.

### **Description:**

The project Pneumolytics is aimed to develop an innovative platform for monitoring patients with chronic obstructive pulmonary disease (COPD) through a multidimensional clinical evaluation. The platform includes a patient monitoring hardware system with various Internet of Things (IoT) devices, a data collection and aggregation system that allows the integration of IoT and clinical data, an artificial intelligence (AI) software for data analysis.

In this context, the study has the following objectives:

- 1) to define the tools to be included in the platform for the evaluation of Patient Reported Outcomes (PROs);
- 2) to evaluate, on the basis of the existing literature, the weight attributable to the variation of the PROs on the biomedical parameters and vice versa;
- 3) to evaluate the minimum number of tools/items for the evaluation of the PROs useful for the purpose of optimizing the accuracy of a predictive model aimed at defining follow-up plans, personalized clinical management and healthcare resources optimization.

**Scientific disciplinary sector:** MED/10 MALATTIE DELL'APPARATO RESPIRATORIO

**Place:** Dipartimento di Medicina interna e Specialità mediche (DIMI)

### **Required degree:**

Laurea Magistrale della classe LM-51 Psicologia.

### **Subjects of the interview:**

The evaluation of PROs in clinical research; Development and validation of tools for the evaluation of the patient's perception; Engagement and coping strategies in the management of chronic diseases.

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

## **RESEARCH PROGRAM NO. 8**

**Publicity of criteria for the qualifications and the interview:** on **03.02.2021** at **09:00** 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 **03.02.2021** 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 **03.02.2021** starting from **12:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Roberto M. Lemoli well in advance at the address e-mail: roberto.lemoli@unige.it, phone number +39 010 3358978.

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

**Scientific coordinator:** Prof. Roberto M. LEMOLI

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

**Title:** Cytofluorimetric longitudinal evaluation of Minimal Residual Disease in patients enrolled in the clinical trial “Tagraxofusp in Patients with CD123+ or with Blastic Plasmacytoid Dendritic Cell Neoplasm Immunophenotype-like Acute Myeloid Leukemia”.

**Description:**

The researcher will be asked to analyze, by multi color flow cytometry, bone marrow and peripheral blood samples of Acute Myeloid Leukemia patients, enrolled in a clinical trial, to assess the presence of residual disease after treatment with a novel anti-CD123 monoclonal antibody. The multicenter trial involves the centralized analysis of samples in Genoa.

**Scientific disciplinary sector:** MED/15 MALATTIE DEL SANGUE

**Place:** Dipartimento di Medicina interna e Specialità mediche (DIMI)

**Required degree:**

Laurea Magistrale delle classi LM-6 Biologia; LM-9 Biotecnologie mediche, veterinarie e farmaceutiche.

**Subjects of the interview:**

Principle of multi-color flow cytometry; phenotypic characteristics of normal hematopoietic and leukemic cells; prior experience with flow cytometry analysis with special reference to the assessment of hematopoietic cells.

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 **05.02.2021** at **09:30** 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 **05.02.2021** at **12:30** 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 **05.02.2021** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Matilde Inglese well in advance at the address e-mail: m.inglese@unige.it, phone number +39 010 3537028.

**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**

**Title:** Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions.

**Description:**

The project aims at the collection of clinical, immunological and imaging data from patients with immunological diseases in order to identify biomarkers of treatment response.

**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-77 Scienze economico-aziendali.

**Subjects of the interview:**

Platforms for collection, storage and quality control of multidimensional biomedical data. How to create a budget for multicenter studies. Armonization of biomedical data from national and international centers participating into the same project.

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

## **RESEARCH PROGRAM NO. 10**

**Publicity of criteria for the qualifications and the interview:** on **04.02.2021** 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 **04.02.2021** 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 **04.02.2021** starting from **14:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Paolo Durando well in advance at the address e-mail: [paolo.durando@unige.it](mailto:paolo.durando@unige.it), phone number +39 347 4454082.

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

**Scientific coordinator:** Prof. Paolo DURANDO

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

**Title:** Risk prevention, collaborative networks, work inclusion in Multiple Sclerosis: from the knowledge of the working reality of people with MS in Italy to the development of innovative models and programs for work inclusion.

**Description:**

The activity is based on the systematic review with meta-analysis of the literature, conducted by investigating the link between work activity, disability, quality of life and clinical aspects in people with Multiple Sclerosis. The implementation of a pilot study is envisaged, through the use of BIG DATA, in order to study the interest in Multiple Sclerosis in the occupational field and the creation of a research protocol in which the different variables related to the state of health of the person with Multiple Sclerosis with those related to the work situation.

**Scientific disciplinary sector:** MED/44 MEDICINA DEL LAVORO

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

**Required degree:**

Laurea Magistrale della classe LM-41 Medicina e Chirurgia.

**Subjects of the interview:**

Aetiopathogenesis, epidemiology of Multiple Sclerosis; impact of multiple sclerosis on work activities.

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 **03.02.2021** 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 **03.02.2021** 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 **03.02.2021** starting from **14:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Domenico Sguerso well in advance at the address e-mail: domenico.sguerso@unige.it, phone number +39 320 4320011.

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

**Scientific coordinator:** Prof. Domenico SGUERSO

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

**Title:** Dynamic photogrammetry for the innovative fruition of museum collections.

**Description:**

In the framework of the collaboration with the National Antarctic Museum, the aim is to set up a didactic/dissemination Laboratory for the valorisation and dissemination of the material/collections available to the Museum by means of a system herein called "Dynamic Photogrammetry".

The Laboratory intends to create innovative tools that allow the public to view 3D models of objects and to interact with them, then to carry out the 3D survey in real time following "dynamically" the operations of modification of the objects themselves and to update the parameterization by means of superimposition on the object itself. The candidate will frame his research within the above-mentioned Laboratory, experimenting with the use of pairs of cameras or 3D cameras for the realisation of three-dimensional models in a restricted environment, as well as the use of a projector for over-projection in an environment with daylight or equivalent lighting. In addition, the candidate will be asked to write ad hoc codes for the project, integrating already existing free and open source software.

**Scientific disciplinary sector:** ICAR/06 TOPOGRAFIA E CARTOGRAFIA

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

**Required degree:**

Laurea magistrale delle classi LM-4 Architettura e ingegneria edile-architettura, LM-23 Ingegneria civile.

**Subjects of the interview:**

Photogrammetry, creation of 3D clouds, orthorectification of images and superimposition on 3D clouds, application of 3D rotations, necessary steps for a real time photogrammetric survey.

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

## **RESEARCH PROGRAM NO. 12**

**Publicity of criteria for the qualifications and the interview:** on **03.02.2021** at **09:00** 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 **03.02.2021** 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 **05.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Giuseppe Piccardo well in advance at the address e-mail: [giuseppe.piccardo@unige.it](mailto:giuseppe.piccardo@unige.it), 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:** Structural aerodynamic and aeroelasticity in transient conditions.

### **Description:**

In Wind Engineering, the aerodynamics and aeroelasticity of structures implicitly assume that wind is a stationary phenomenon. This derives from the fact that these disciplines are based on the assumption that the action of wind on structures can be traced back to synoptic-scale cyclonic phenomena. The most recent studies, in which the ERC project related to this request is placed, show that most of the wind damage to structures derives from mesoscale thunderstorms that give rise to strongly transient wind fields. This requires an innovative reassessment and reformulation of the principles underlying aerodynamics and aeroelasticity. In-depth investigations are planned on the aerodynamics of bluff bodies subject to accelerated flows (representative of real thunderstorms) and on possible aeroelastic phenomena such as vortex shedding and galloping.

**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, Structural Dynamics, Aerodynamics and Aeroelasticity, Thunderstorms and Non-Synoptic Winds.

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 **02.02.2021** at **09:00** 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 **02.02.2021** at **15:00** 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 **05.02.2021** starting from **09:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Luisa Pagnini well in advance at the address e-mail: [luisa.pagnini@unige.it](mailto:luisa.pagnini@unige.it), phone number +39 348 5720598.

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

**Scientific coordinator:** Prof.ssa Luisa PAGNINI

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

**Title:** Monitoring of structures and infrastructures.

### **Description:**

Structural Health Monitoring (SHM) is a tool for improving the safety and maintainability of critical structures, allows the structural identification and the calibration of the response models. The variation of structural parameters, as well as the exceeding of response thresholds, can highlight possible criticalities. It is planned to carry out monitoring activities on a road prestressed rc bridge and some light towers. Attention will be paid to the design of the measurement chain, with the use of wireless sensors via low-latency 5G communications, coupled with wired sensors. Software modules will be implemented for analyzing information from IoT sensors and Blockchain components necessary for data validation and certification. The statistical analysis of the results will provide information on safety and allow advances on wireless-oriented SHM.

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

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

### **Required degree:**

Laurea magistrale delle classi LM-23 Ingegneria Civile, LM-4 Architettura e ingegneria edile-architettura.

### **Subjects of the interview:**

Structural Dynamics, Structural Identification, Models for Fatigue Assessment and Damage Evaluation  
Thunderstorms and non-Synoptic Winds.

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 **04.02.2021** 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 **04.02.2021** 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 **04.02.2021** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Carlo Cravero well in advance at the address e-mail: [cravero@unige.it](mailto:cravero@unige.it).

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

**Scientific coordinator:** Prof. Carlo CRAVERO

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

**Finanziamento: Contratto EU LIFE SUGAR – LIFE19 CCM/IT/001314**

**Title:** Numerical models for glass production plants.

**Description:**

In glass production process, several thermo-fluid-dynamic related issues exist. CFD could become a valuable support for designers in a field where experimentation and online modifications are very difficult by nature of glass manufacturing industry. The fellowship aims to set up, and to validate through experimental data, CFD models for the development of reforming systems added to the plant layout and their effect on combustion. The CFD models will be developed for both the regenerative systems and combustion process of natural gass additioned with syngas from the reforming process.

**Scientific disciplinary sector:** ING-IND/08 MACCHINE A FLUIDO

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

**Required degree:**

Laurea V.O. in Ingegneria Meccanica; Laurea Specialistica della classe 36/S Ingegneria meccanica; Laurea magistrale della classe LM-33 Ingegneria meccanica.

**Subjects of the interview:**

Computational Fluid Dynamics, glass production systems.



## **RESEARCH PROGRAM NO. 15**

**Publicity of criteria for the qualifications and the interview:** on **03.02.2021** at **09:00** 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 **03.02.2021** 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 **03.02.2021** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Luigi Carassale well in advance at the address e-mail: [luigi.carassale@unige.it](mailto:luigi.carassale@unige.it), phone number +39 010 3352226.

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

**Scientific coordinator:** Prof. Luigi CARASSALE

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

**Title:** Development of tools for the reduced-order modeling of bladed disks.

**Description:**

Implementation in Matlab environment of methods for the dynamic analysis of bladed disks. The study will involve the application of substructuring techniques for the realization of reduced order models. The methods developed will be validated through the application to industrial cases.

**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 della classe LM-33 Ingegneria meccanica.

**Subjects of the interview:**

Finite element method, dynamic substructuring.

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

## **RESEARCH PROGRAM NO. 16**

**Publicity of criteria for the qualifications and the interview:** on **01.02.2021** at **08:00** 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 **01.02.2021** at **11:30** 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 **01.02.2021** starting from **12:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Matteo Zoppi well in advance at the address e-mail: [matteo.zoppi@unige.it](mailto:matteo.zoppi@unige.it), phone number +39 010 3532837.

**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**

**Title:** Conceptualization and design of a system for microwave warming of plants in a green house.

**Description:**

The researcher will participate to the conceptualization and design of the system (technology, frequencies, exposure and limitations), to the detailing of the components and dimensioning of the system through suitable methods (analytical, deterministic and probabilistic simulation, SWOT) with the aim to define power, number and distribution of the wave generators and any specification to properly and safely perform the illumination of the plants.

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

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

**Required degree:**

Dottorato di ricerca in Ingegneria o Fisica.

**Subjects of the interview:**

Fisics of microwaves, effects on biological materials, engineering requirements for their application. Design of green houses. Phsiology of the plants grwon in green houses and common pests.

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 **08.02.2021** 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 **08.02.2021** 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 **08.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Roberta Campardelli well in advance at the address e-mail: roberta.campardelli@unige.it, phone number +39 328 1789699.

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

**Scientific coordinator:** Prof.ssa Roberta CAMPARDELLI

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

**Title:** Immunonanoparticles production for the targeted therapy of atherosclerosis.

**Description:**

The aim of this project is the production of engineered nano-carriers (liposomes and polymeric nanoparticles), loaded with active substances and externally decorated with antibodies to be employed during the treatment for early-stage atherosclerosis.

**Scientific disciplinary sector:** ING-IND/25 IMPIANTI CHIMICI

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

**Required degree:**

Laurea Magistrale delle classi LM-13 Farmacia e farmacia industriale, LM-22 Ingegneria chimica.

**Subjects of the interview:**

The interview will focus on the production technologies of drug delivery and target delivery systems and related analytical methods for characterizations.

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 **01.02.2021** 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 **01.02.2021** at **13:30** 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 **01.02.2021** starting from **15:00** the interview will take place, in any case, electronically (video conference via Skype or TEAMS) by contacting Prof. Giovanni Indiveri well in advance at the address e-mail: [giovanni.indiveri@unige.it](mailto:giovanni.indiveri@unige.it), phone number +39 010 3352799 or + 39 010 3352206.

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

**Scientific coordinator:** Prof. Giovanni INDIVERI

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

**Title:** Underwater monitoring and inspection through autonomous marine robots.

### **Description:**

The monitoring of underwater infrastructures such as pipes, cables, foundation of ocean platforms, wind turbines or the like can be achieved by acquiring data using autonomous underwater vehicles. The collection of this data by teams of distributed vehicles makes it possible to reduce inspection times while also ensuring greater robustness in carrying out the mission to possible failures of some of the vehicles involved. At the same time, however, the use of multiple vehicles determines the need to coordinate their localization, navigation, guidance and control systems on the basis of acoustic communications with high latencies and limited bandwidth. Furthermore, there is the problem of integrating (even off line) data of a different nature.

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

**Place:** Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS)

### **Required degree:**

Laurea magistrale delle classi LM-17 Fisica, LM-18 Informatica, LM-20 Ingegneria aerospaziale e astronautica, LM-25 Ingegneria dell'automazione, LM-29 Ingegneria elettronica, LM-32 Ingegneria informatica, LM-33 Ingegneria meccanica, LM-34 Ingegneria navale.

### **Subjects of the interview:**

Kinematic and hydrodynamic models of marine vehicles; cooperative control; underwater navigation; dynamic vehicle control; filtering, state estimation, and parametric identification techniques; elements of C / C++ programming.

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 **25.01.2021** at **08:00** 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 **25.01.2021** 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 **25.01.2021** starting from **12:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Davide Anguita well in advance at the address e-mail: [davide.anguita@unige.it](mailto:davide.anguita@unige.it), phone number +39 010 353 2800.

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

**Scientific coordinator:** Prof. Davide ANGUIA

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

**Title:** Innovative IT methodologies and platforms to support digital transformation.

### **Description:**

The objective of the research is the study and application of data collection and knowledge extraction techniques, also based on *data analytics* technologies and techniques, with the aim of developing innovative IT platforms, which overcome the current limitations of *business intelligence* platforms, aimed at supporting the digital transformation of the University. In particular, some scenarios of the main processes that need a digital transition will be defined and, within these, the methods of acquiring data and information and the methods of analysis, reporting and visualization must be studied, optimizing the interaction and knowledge transfer to decision makers and the end user.

**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-29 Ingegneria Elettronica, LM-31 Ingegneria Gestionale, LM-32 Ingegneria informatica.

### **Subjects of the interview:**

Business Intelligence, Data Analytics, Machine Learning, Data Mining, Data Wrangling, Data Cleaning, Data Collection, Data Visualization, Digital transformation.

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

## **RESEARCH PROGRAM NO. 20**

**Publicity of criteria for the qualifications and the interview:** on **22.01.2021** at **08:00** 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 **22.01.2021** 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 **22.01.2021** starting from **13:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Luca Oneto well in advance at the address e-mail: [luca.oneto@unige.it](mailto:luca.oneto@unige.it).

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

**Scientific coordinator:** Prof. Luca ONETO

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

**Title:** Study and application of methods for knowledge extraction techniques from naval data with particular reference to the Quiescent Periods prediction in ship motions.

**Description:**

The objective of the research is the study and application of methods for knowledge extraction techniques, based on machine learning, from naval data with particular reference to the on Quiescent Periods prediction in ship motions based on radar data.

In particular, the objective will be to define application scenarios and approaches for data collection, storage, and analysis. Starting from the identified scenarios, the research will address the development of methods to assess knowledge extraction techniques, with particular reference to descriptive, diagnostic and predictive models with particular reference to radar data. Fundamental will be knowledge about signal processing.

**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 della classe LM-29 Ingegneria Elettronica.

**Subjects of the interview:**

Machine Learning, Data Mining, Naval Transportation Systems, Radar Data, Signal Processing.

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

<b>SCIENTIFIC DISCIPLINARY AREA ANTIQUITIES, PHILOLOGY, LITERARY STUDIES, ART HISTORY</b>
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**RESEARCH PROGRAM NO. 21**

**Publicity of criteria for the qualifications and the interview:** on **22.01.2021** at **09:00** 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 **22.01.2021** 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 **22.01.2021** starting from **12:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Anna Maria Stagno well in advance at the address e-mail: [anna.stagno@unige.it](mailto:anna.stagno@unige.it), phone number +39 349 3224792.

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

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

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

**Title:** Historic rural landscapes: hidden environmental heritage of Ligurian Apennines.

**Description:**

The post-doctoral fellow will actively contribute to LASA research project (with particular reference to the JpiCh - IRIS “Inspiring Rural heritage: Sustainable practices to protect and conserve upland landscapes and memories”) and to the investigation (environmental archaeology and oral sources interviews) carried out in Ligurian Apennines with the objective to historically characterise, at the local scale, rural landscapes and their relationship with the changes in environmental resources management systems, with the aims to identify their living evidence. The PDR will be requested to be able to autonomously carried out field-work investigation and laboratory analyses (archaeobotanical ones), as well as their elaboration and interpretation, and will be requested to contribute to the construction of a WebGis of the Living Rural Heritage of Ligurian Apennine, with particular reference, in case studies areas, to participatory maps and to identification of risk for its conservation.

**Scientific disciplinary sector:** L-ANT/10 METODOLOGIE DELLA RICERCA ARCHEOLOGICA

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

**Required degree:**

Dottorato di ricerca in Archeologia o Geografia Storica o in Storia.

**Subjects of the interview:**

The interview is aimed to evaluate the candidate experience in environmental archaeology and in oral sources interviews and their aptitude to critical analysis and discussion, interdisciplinary research and team work.

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 **26.01.2021** at **09:00** 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 **26.01.2021** 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 **26.01.2021** starting from **12:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Anna Maria Stagno well in advance at the address e-mail: [anna.stagno@unige.it](mailto:anna.stagno@unige.it), phone number +39 349 3224792.

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

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

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

**Finanziamento: Assegno finanziato sul progetto ERCStg 2019 G.A. n. 853539 — ANTIGONE**

**Title:** Archaeology of sharing practices: archaeological, documentary and oral sources for the reconstruction of the process of marginalisation of European mountains, with particular reference to the Basque Country (18th-21<sup>th</sup> c.)

### **Description:**

The post-doctoral fellowship is focused on the study of the process of marginalisation of the European rural societies since the 18<sup>th</sup> c., through the investigation of the changes in sharing practices (practices to share environmental resources), studied by the ANTIGONE project with a multidisciplinary approach including archaeology, environmental archaeology, archival research and oral history. The PDR will contribute to the archival research on conflicts about environmental resources (WP1), to landscape archaeology investigations (WP2) with particular reference to the Basque Country and, in case of renewal, to environmental archaeological investigations (WP4). Specific training is planned, if necessary, to complete the required competencies.

**Scientific disciplinary sector:** L-ANT/10 METODOLOGIE DELLA RICERCA ARCHEOLOGICA

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

### **Required degree:**

Dottorato di ricerca in Archeologia o Geografia Storica o in Storia.

### **Subjects of the interview:**

The interview is aimed to evaluate the candidate experience in landscape archaeology (broadly considered, thus including rural, agrarian and mountain archaeology) and environmental archaeology, in archival research, and their aptitude to critical analysis and discussion, interdisciplinary research and team work.

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 **25.01.2021** 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 **28.01.2021** 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 **03.02.2021** starting from **11:00** The interview will take place, in any case, electronically (video conference via TEAMS, code: 6nj266y) by contacting Prof. Luca Beltrami well in advance at the address e-mail: [luca.beltrami@unige.it](mailto:luca.beltrami@unige.it).

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

**Scientific coordinator:** Prof. Luca BELTRAMI

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

**Title:** For the publishing of Metastasio's letters as a network of cultural diplomacy in 17<sup>th</sup> century Europe: digital cataloguing of letters, noted edition of texts, dissemination of the research.

### **Description:**

The research is part of a PRIN dedicated to the construction of European diplomatic networks in the field of literary communication and, particularly, in relation to Pietro Metastasio's epistolary writing. The research fellow will have to coordinate with the activity of the national group of the PRIN; according with the scientific committee of M.E.T.A. ("Metastasio's Epistolary Texts Archive") he will have to deal with the matters concerning the maintenance and the implementation of the online platform hosting the epistolary, with the digital cataloguing of the letters and with the commentary of important Metastasian correspondence. The research fellow will also have the task of participating with a scientific and organisational role in the dissemination of the research results.

**Scientific disciplinary sector:** L-FIL-LET/10 LETTERATURA ITALIANA

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

### **Required degree:**

Dottorato di ricerca in Italianistica o equivalenti.

### **Subjects of the interview:**

The interview will verify the knowledge on the Italian literature of the 18th century, particularly in relation to the circulation of texts, to the construction of European cultural, political and diplomatic networks, to the production and staging of plays. The experiences of digital filing and archiving in the field of modern Italian literature will also be verified.

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 **08.02.2021** at **09:00** 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 **08.02.2021** 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 **08.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Andrea Aveto well in advance at the address e-mail: [andrea.aveto@unige.it](mailto:andrea.aveto@unige.it), phone number +39 320 3855435.

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

**Scientific coordinator:** Prof. Andrea AVETO

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

**Title:** Digital inventory and cataloguing of the apostilled books of Edoardo Sanguineti's library.

### **Description:**

The research is part of a PRIN dedicated to the creation of a digital archive of the books of some of the greatest Italian poets of the second half of the 20th century. Within the framework of this project, the research has a twofold objective: 1) census and digital filing of the apostilled books in Edoardo Sanguineti's author's library deposited at the University Library of Genoa; 2) identification of the volumes affected by the most important post-secretarial interventions, both from the point of view of the interpretation of Sanguineti's work and the reconstruction of his intellectual profile, in order to proceed with their digitisation. Census, filing and digitisation will be carried out at the University Library of Genoa.

**Scientific disciplinary sector:** L-FIL-LET/11 LETTERATURA ITALIANA CONTEMPORANEA

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

### **Required degree:**

Dottorato di ricerca in Italianistica o equivalenti.

### **Subjects of the interview:**

The intellectual profile and the work of Edoardo Sanguineti; peculiarities of author's libraries and books, with particular attention to 20th century Italian authors; examples of digital filing and archiving in the field of contemporary Italiana literature.

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. 25**

**Publicity of criteria for the qualifications and the interview:** on **01.02.2021** at **09:30** 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 **01.02.2021** 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 **01.02.2021** starting from **15:00** The interview will take place, in any case, electronically (video conference via TEAMS) by contacting Prof.ssa Nicoletta Varani well in advance at the address e-mail: [varani@unige.it](mailto:varani@unige.it) and [disfor@unige.it](mailto:disfor@unige.it).

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

**Scientific coordinator:** Prof.ssa Nicoletta VARANI

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

**Title:** Ageing of Ligurian population: aspects of social and health geography.

**Description:**

The research, which is part of the health geography trend, will deal with of a socio-demographic economic analysis of the elderly population in Liguria, the Italian region with the oldest population, with a specific focus on the Genoese urban reality, thanks to the use of indices and indicators such as the deprivation index and the multidimensional poverty index.

**Scientific disciplinary sector:** M-GGR/01 GEOGRAFIA

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

**Required degree:**

Laurea specialistica della classe 21/S Geografia; Laurea magistrale della classe LM -1 Antropologia culturale ed etnologia.

**Subjects of the interview:**

Multidisciplinary literature (geographical, anthropological); analysis and representation of statistical data of a demo-anthropological and geo-socio-economic nature; geo-social indexes and indicators, methodologies of investigation proper to social geography and health geography.

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 **03.02.2021** 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 **03.02.2021** 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 **08.02.2021** starting from **09:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Andrea Traverso well in advance at the address e-mail: a.traverso@unige.it, phone number +39 393 6210701.

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

**Scientific coordinator:** Prof. Andrea TRAVERSO

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

**Title:** EduLarp for learning mathematics.

### **Description:**

The research aims to study with empirical models the development of EduLarps 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 verify in practice Mathematics EduLarp programme, which will be designed and proposed for the high schools as a supplement to the teaching mathematics.

Sub-objectives of the research project:

- to develop mathematical competence through the innovative Mathematical EduLarp programme;
- to open new ideas and new approach among the community of mathematics education (teachers, teacher educators and researchers);
- to improve social skills with educational role-playing.

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

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

### **Required degree:**

Laurea Magistrale della classe LM-85 Scienze Pedagogiche.

### **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.

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

## **RESEARCH PROGRAM NO. 27**

**Publicity of criteria for the qualifications and the interview:** on **02.02.2021** 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 **02.02.2021** 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 **08.02.2021** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Piero Ruggeri well in advance at the address e-mail: [ruggeri@unige.it](mailto:ruggeri@unige.it), phone number +39 335 369671.

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

**Scientific coordinator:** Prof. Piero RUGGERI

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

**Title:** Assessment of cardiorespiratory and muscular fitness in multiple sclerosis: a comparison of testing modalities.

### **Description:**

Several studies showed that high-intensity interval training (HIIT) improved cardiorespiratory and muscular fitness in people with multiple sclerosis (PwMS). However, none of these studies tested the effects of HIIT executed on a new kind of ergometer, the recumbent stepper. Aim of this project is to compare PwMS' physiological responses to a HIIT protocol performed on the recumbent stepper (RS) with those following HIIT performed on a conventional ergometer (i.e., the cycloergometer - CE). Thirty PwMS will be recruited and assigned to either RS group or CE group. Both groups will perform 10 weeks of HIIT program. The post doc researcher will be involved in the administration of the two training modalities and in the evaluation of the cardiorespiratory and muscular fitness before, immediately after, and after two weeks of training.

**Scientific disciplinary sector:** M-EDF/02 METODI E DIDATTICHE DELLE ATTIVITÀ SPORTIVE

**Place:** Dipartimento di medicina sperimentale (DIMES)

### **Required degree:**

Laurea Magistrale delle classi LM-67 Scienze e tecniche delle attività motorie preventive e adattative, LM-68 Scienze e tecniche dello sport.

### **Subjects of the interview:**

Pathophysiological bases of multiple sclerosis (MS). Classification of MS forms. Cardiopulmonary testing. Neuromuscular testing. Expertise in the field of different modalities of cardiopulmonary and neuromuscular testing in healthy subjects. Cardiopulmonary and neuromuscular testing modalities in SM subjects.

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

**RESEARCH PROGRAM NO. 28**

**Publicity of criteria for the qualifications and the interview:** on **25.01.2021** 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 **29.01.2021** at **10:00** 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 **04.02.2021** starting from **09:00** The interview will take place, in any case, electronically (video conference via Microsoft TEAMS) by contacting Prof.ssa Francesca Brunetta d'Usseaux well in advance at the address e-mail: francesca.brunetta@unige.it.

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

**Scientific coordinator:** Prof.ssa Francesca Brunetta D'USSEAUX

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

**Title:** The guarantee of the equality principle between the territorial perspective and personal statutes.

**Description:**

Today the challenge of a difficult balance between the multicultural integration of legal orders stemming from different traditions and the respect for the fundamental human rights of the concerned single individuals, with particular regard to the matter of family is increasingly posed to all jurisdictions.

**Scientific disciplinary sector:** IUS/02 DIRITTO PRIVATO COMPARATO

**Place:** Dipartimento di Giurisprudenza

**Required degree:**

Laurea V.O in Giurisprudenza; Laurea specialistica della classe 22/S Giurisprudenza; Laurea magistrale della classe LMG/01 Giurisprudenza.

**Subjects of the interview:**

Private and public comparative law.

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

## **RESEARCH PROGRAM NO. 29**

**Publicity of criteria for the qualifications and the interview:** on **08.02.2021** 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 **08.02.2021** 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 **09.02.2021** starting from **09:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. G. B. Ratti well in advance at the address e-mail: [gbratti@unige.it](mailto:gbratti@unige.it).

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

**Scientific coordinator:** Prof. Pierluigi CHIASSONI

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

**Title:** Between creation and cognition. A contextualist approach to legal interpretation and legal studies.

### **Description:**

Legal interpretation and the analysis of the meaning of legal statements are central topics in the theory of law and legal argumentation. This project focuses on examining a contextualist approach to the analysis of legal meaning, influenced by the work of Wittgenstein and the revolution of ordinary language. In Jurisprudence, this position is characteristic of the theory of H.L.A. Hart and is evident in the central distinction between internal and external sentences. The objectives of this research are: to investigate about the assertability conditions of legal statements under the contextualist perspective and to analyse the criticisms uttered by the realist school, regarding the formalist character of the contextualist approach in legal interpretation, and by critical theorists, about the danger of making the marginalisation of vulnerable actors invisible in the construction of meanings.

**Place:** Dipartimento di Giurisprudenza

**Scientific disciplinary sector:** IUS/20 FILOSOFIA DEL DIRITTO

### **Required degree:**

Dottorato di ricerca nel settore IUS/20 (Filosofia del diritto)

### **Subjects of the interview:**

Analytical philosophy (logical empiricism, philosophy of ordinary language); Analytical Jurisprudence; Contemporary Analytical Philosophy of Law; General theory of norms and normative propositions; Theory of legal interpretations and legal science; Deontic Logic.

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

**RESEARCH PROGRAM NO. 30**

**Publicity of criteria for the qualifications and the interview:** on **08.02.2021** at **09:00** 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 **09.02.2021** at **09:00** 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 **10.02.2021** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Anna Bottasso well in advance at the address e-mail: [bottasso@economia.unige.it](mailto:bottasso@economia.unige.it).

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

**Scientific coordinator:** Prof.ssa Anna BOTTASSO

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

**Title:** Perception of migrants and voting for extreme right-wing parties: the role of history.

**Description:**

The objective of the research project is to empirically the impact the perceptions of migrants have in explaining the propensity to vote for extreme right-wing parties. In order to exploit exogenous variation in the perceptions of migrants at local level, we use the different exposure at local level to the existence of commercial routes with Africa in the Middle Ages, the idea being that exposure to African people might have generated a more open mind towards very different people and this different attitude may have persisted over time. The research project will use the reconstruction of commercial links between Italy and Africa in the Middle Ages.

**Scientific disciplinary sector:** SECS-P/02 POLITICA ECONOMICA

**Place:** Dipartimento di Economia.

**Required degree:**

Laurea Magistrale delle classi LM-52 Relazioni internazionali, LM-56 Scienze dell'economia.

**Subjects of the interview:**

The interview will assess the candidate's knowledge of counterfactual impact evaluation techniques as well as of the literature on the role of migration on electoral outcomes.

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 **08.02.2021** at **09:00** 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 **09.02.2021** at **09:00** 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 **10.02.2021** starting from **09:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Maurizio Conti well in advance at the address e-mail: mconti@economia.unige.it, phone number +39 0102095272.

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

**Scientific coordinator:** Prof. Maurizio CONTI

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

**Title:** The economic impact of High-speed railways in Italy.

**Description:**

The objective of the research project is to empirically investigate a still poorly understood topic, namely the impact of high-speed railways in Italy on a set of economic outcomes, such as production, productivity, innovation, economic dynamics and allocative efficiency. The research project will use modern counterfactual impact evaluation techniques in order to identify the impact of high-speed railways. The research project will seek to uncover the existence of heterogenous treatment effects as well as the existence of spillovers.

**Scientific disciplinary sector:** SECS-P/02 POLITICA ECONOMICA

**Place:** Dipartimento di Economia.

**Required degree:**

Dottorato di ricerca in Economia.

**Subjects of the interview:**

The interview will assess the candidate's knowledge of counterfactual impact evaluation techniques as well as of the economic effects of transport infrastructure.

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 **10.03.2021** 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 **10.03.2021** 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 **10.03.2021** starting from **14:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Elena Seghezza well in advance at the address e-mail: [seghezza@unige.it](mailto:seghezza@unige.it).

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

**Scientific coordinator:** Prof.ssa Elena SEGHEZZA

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

**Title:** Discretionary money conduct and automatic adjustment mechanisms in the Gold Standard.

**Description:** The research project aims to reconsider, with a *political economy* approach, the prevailing interpretations of the origin and functioning of the Gold Standard. With regard to the first aspect, that is the origin, it will be necessary to take into account the developments in the theory of international money, in particular the applications to this theme of the search theoretic models, and the recent developments in the International Political Economy. As regards to the functioning of the Gold Standard, the goal is a new empirical verification of Bloomfield (1959) thesis, taking into account the developments in the theory of money creation. This second phase of the research will be developed in two steps. The first step will be dedicated to collecting data on banks' balance sheets, not only those reported by the League of Nations and the Fed Bulletin, but also those recently made available by the Bank of France. Such data should cover not only the total assets and reserves of commercial banks (those considered by Bloomfield), but should be extended to a plurality of bank balance sheet items. The second step will be dedicated to the use of monetary policy indicators. On the basis of these indicators it will be possible to establish, using statistical and econometric methodologies, whether the countries considered were conducting monetary policies consistent with compliance with the functioning of the Gold Standard or in contrast with it.

**Scientific disciplinary sector:** SECS-P/02 POLITICA ECONOMICA

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

**Required degree:**

Laurea V.O. in Scienze economiche, statistiche e sociali, Scienze internazionali e diplomatiche, Scienze politiche; laurea specialistica delle classi 60/S Relazioni internazionali, 64/S Scienze dell'economia, 70/S Scienze della politica, 71/S Scienze delle pubbliche amministrazioni, 88/S Scienze per la cooperazione allo sviluppo, 91/S Statistica economica, finanziaria ed attuariale; laurea magistrale delle classi LM-52 Relazioni internazionali, LM-56 Scienze dell'economia, LM-63 Scienze delle pubbliche amministrazioni, LM-81 Scienze per la cooperazione allo sviluppo, LM-82 Scienze statistiche.

**Subjects of the interview:**

Topics related to the project, in particular: Gold Standard, Political Economy, International Political Economy, theories of money creation, theories of international money, search theoretic models, statistic and econometric methodologies.

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 **10.02.2021** 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 **10.02.2021** 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 **10.02.2021** starting from **14:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Lucia Leporatti well in advance at the address e-mail: lucia.leporatti@unige.it, phone number +39 010 2095496.

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

**Scientific coordinator:** Prof.ssa Lucia LEPORATTI

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

**Title:** Innovation and allocation of resources in the health sector.

### **Description:**

The use of digital technologies and innovative therapies in healthcare represents a great opportunity to improve clinical outcomes and increase the number of years of life lived in good health. However, innovation has a significant impact on the sustainability of health systems and could produce a concentration of resources on a few groups of individuals, generally elderly and multi-chronic. The project aims to investigate the share of health resources (in terms of hospitalizations, access to the emergency room, drugs and medical devices, specialist visits) absorbed by a selection of pathologies of interest in Liguria. The identification of pathologies and subjects with high resource absorption is a crucial step for the definition of sustainable and fair policy actions.

**Scientific disciplinary sector:** SECS-P/03 SCIENZA DELLE FINANZE

**Place:** Dipartimento di Economia.

### **Required degree:**

Laurea V.O in Economia e commercio, Economia Aziendale, Scienze Politiche; Laurea specialistica delle classi 64/S Scienze dell'Economia, 70/S Scienze della politica, 71/S Scienze delle pubbliche amministrazioni, 84/S Scienze economico-aziendali; Laurea magistrale delle classi LM-56 Scienze dell'Economia, LM-62 Scienze della politica, LM-63 Scienze delle pubbliche amministrazioni, LM-77 Scienze economico-aziendali.

### **Subjects of the interview:**

Health economics, economic policy, public economics, statistics and econometrics, big data analysis and data analysis software (Stata, R, Excel, SAS, others).

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

## RESEARCH PROGRAM NO. 34

**Publicity of criteria for the qualifications and the interview:** on **03.02.2021** 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 **04.02.2021** 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 **10.02.2021** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype or Teams) by contacting Prof. Alessio Tei well in advance at the address e-mail: [alessio.tei@unige.it](mailto:alessio.tei@unige.it), phone number + 39 010 2095232.

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

**Scientific coordinator:** Prof. Alessio TEI

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

**Finanziamento:** La posizione si inserisce all'interno del progetto finanziato tramite fondi di Ateneo CuriosityDriven2020 – progetto AMISET.

**Title:** Assessing Marine Industry Sustainable Energy Transition.

### **Description:**

The research focuses on the assessment of the impacts of the energy transition on marine related stakeholders and different local communities. The initiative is part of the Curiosity Driven funded project titled: "Assessing Marine Industry Sustainable Energy Transition".

The project will have to assess innovative implementation processes of different energy technologies in the shipping sectors with the aim of differentiating the socio-economic impacts of the energy transition on specific stakeholders: i) shipyards, ii) port operators and iii) shipping companies. The analysis will also aim to link the industry modifications to potential impacts on related local communities.

The analysis will then be primarily based on primary data and on the application of both qualitative and quantitative methodologies.

**Scientific disciplinary sector:** SECS-P/06 ECONOMIA APPLICATA

**Place:** Dipartimento di Economia

### **Required degree:**

Laurea V.O. in Economia delle istituzioni e dei mercati finanziari , Economia ambientale, Economia e finanza, Ingegneria nucleare, Ingegneria gestionale, Ingegneria navale, Pianificazione territoriale, urbanistica e ambientale, Scienze internazionali e diplomatiche, Ingegneria per l'ambiente e il territorio, Discipline economiche e sociali, Relazioni pubbliche, Geografia, Scienze politiche, Scienze ambientali, Scienze economiche, statistiche e sociali, Sociologia, Scienze dell'informazione; Laurea specialistica delle classi: 19/S Finanza, 21/S Geografia, 33/S Ingegneria energetica e nucleare, 34/S Ingegneria gestionale, 37/S Ingegneria navale, 38/S Ingegneria per l'ambiente e il territorio, 54/S Pianificazione territoriale urbanistica e ambientale, 57/S Programmazione e gestione delle politiche e dei servizi sociali, 59/S Pubblicità e comunicazione d'impresa, 60/S Relazioni internazionali, 64/S Scienze dell'economia, 67/S Scienze della comunicazione sociale e istituzionale, 82/S Scienze e tecnologie per l'ambiente e il territorio, 83/S Scienze economiche per l'ambiente e la cultura, 84/S Scienze economico-aziendali, 88/S Scienze per la cooperazione allo sviluppo, 89/S Sociologia, 91/S Statistica economica, finanziaria ed attuariale, 99/S Studi europei, 100/S Tecniche e metodi per la società dell'informazione. Laurea magistrale delle classi: LM-16

Finanza, LM-26 Ingegneria della sicurezza, LM-30 Ingegneria energetica e nucleare, LM-31 Ingegneria gestionale, LM-34 Ingegneria navale, LM-35 Ingegneria per l'ambiente e il territorio, LM-43 Metodologie informatiche per le discipline umanistiche, LM-48 Pianificazione territoriale urbanistica e ambientale, LM-52 Relazioni internazionali, LM-56 Scienze dell'economia, LM-59 Scienze della comunicazione pubblica, d'impresa e pubblicità, LM-62 Scienze della politica, LM-63 Scienze delle pubbliche amministrazioni, LM-75 Scienze e tecnologie per l'ambiente e il territorio, LM-76 Scienze economiche per l'ambiente e la cultura, LM-77 Scienze economico-aziendali, LM-80 Scienze geografiche, LM-81 Scienze per la cooperazione allo sviluppo, LM-82 Scienze statistiche, LM-87 Servizio sociale e politiche sociali, LM-88 Sociologia e ricerca sociale, LM-90 Studi europei, LM-91 Tecniche e metodi per la società dell'informazione.

**Subjects of the interview:**

The interview will assess the candidate's knowledge of the marine transport sector, of regional economics, and of the innovation studies applied to the Transport industry.

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 **01.02.2021** at **13:00** 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 **04.02.2021** 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 **10.02.2021** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Valeria Ottonelli well in advance at the address e-mail: [vottonel@nous.unige.it](mailto:vottonel@nous.unige.it), phone number +39 010 2099505.

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

**Scientific coordinator:** Prof.ssa Valeria OTTONELLI

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

**Finanziamento: Progetto H2020 REDEM - Reconstructing Democracy in Times of Crisis A Voter-Centred Perspective.**

**Title:** The Ethical Complexity of Voting.

**Description:**

The post-doc researcher will work in the context of the H2020 project REDEM - *Reconstructing Democracy in Times of Crisis. A Voter-Centred Perspective*. The project aims to analyse the ethical dimension of electoral choices and to coordinate and support research on the ethics of voting in different electoral settings. It also aims to develop new educational tools, to find new ways to involve citizens in electoral processes, and to encourage the public and academic debate on the ethics of voting. Specifically, the post-doc researcher will contribute to the classification and analysis of electoral scenarios and of the ethical questions they raise, to the development of new modes of electoral participation, to the experimentation of educational modules on the ethics of voting and to the work of dissemination of the research results.

**Scientific disciplinary sector:** SPS/01 FILOSOFIA POLITICA

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

**Required degree:**

Dottorato di ricerca in Teoria Politica o equivalenti, nell'area filosofica o politologica.

**Subjects of the interview:**

Normative theories of democracy; ethics of voting; political participation and agency.

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 **01.02.2021** 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 **01.02.2021** at **18:00** 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 **03.02.2021** starting from **09:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Claudio Torrigiani well in advance at the address e-mail: [claudio.torrigiani@unige.it](mailto:claudio.torrigiani@unige.it), phone number +39 010 20953635.

**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**

**Finanziamento: PRIN 2017 - 20173SNL9B\_002**

**Title:** Analysis and evaluation of the governance mechanisms of the pathways for transversal skills and career orientation (PTSCO) and their effectiveness for career orientation in the transition from school to work.

### **Description:**

The paths for transversal skills and orientation represent both an innovative teaching method and a way to facilitate the orientation of young people to a professional career. Based on the analysis of the results of the background research already carried out to investigate the objectives, expectations, operating modes and criticalities in the implementation of the PTSCOs from the points of view of the various stakeholders who come into play in the system, this part of the research will be aimed at analysis of the governance mechanisms established at a territorial level, with particular attention to coordination mechanisms through the construction and contribution to the provision of quantitative and qualitative research tools, including in-depth interviews, as well as the analysis of databases quantitative and qualitative that will become available during the research.

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

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

### **Required degree:**

Dottorato di ricerca in Scienze umane o sociali.

### **Subjects of the interview:**

Models and theoretical constructs on guidance, career counseling psychology, policies and interventions for guidance, knowledge and skills in the field of research methodology in the human and social sciences.

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

## **RESEARCH PROGRAM NO. 37**

**Publicity of criteria for the qualifications and the interview:** on **08.02.2021** 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 **08.02.2021** 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 **09.02.2021** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Federico Rahola well in advance at the address e-mail: federico.rahola@unige.it, phone number +39 329 1068533.

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

**Scientific coordinator:** Prof.ssa Gabriella PETTI

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

**Title:** Webradio as social communication and training innovation tool.

### **Description:**

The project aims at the experimentation of an hypermedial service for the University of Genoa. It will set up a research laboratory to create and broadcast innovative products and relevant contents (from a social point of view). The research project will focus on the web radio as an experimental communication tool, exploring its potential and studying new communication models, such as podcasting. To this end, the research will make use of equipped laboratories at the University Campus of Savona and will directly involve the students of the three CDS there present (L-20, LM-80 and LM-92). Given the close connection with training objectives of these programs, the project will also support teaching activities and strengthen relationships between university and territory.

**Scientific disciplinary sector:** SPS/08 SOCIOLOGIA DEI PROCESSI CULTURALI E COMUNICATIVI

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

### **Required degree:**

Dottorato di ricerca in Lingue, Culture e Tecnologie dell'Informazione e della Comunicazione.

### **Subjects of the interview:**

Methods and techniques of radio production and broadcasting, New Media Semantics, Social Communication, Sociology of Communication.

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



## **RESEARCH PROGRAM NO. 38**

**Publicity of criteria for the qualifications and the interview:** on **01.02.2021** at **10:30** 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 **02.02.2021** 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 **02.02.2021** starting from **15:30** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof.ssa Emanuela Abbatecola well in advance at the address e-mail: emanuela.abbatecola@unige.it.

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

**Scientific coordinator:** Prof.ssa Emanuela ABBATECOLA

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

**Title:** Behind the screen. Adolescence and online gender based violence.

### **Description:**

On the web, alongside the experimentation and the creation of relationships, also emerge complex and little-known phenomena such as cyberbullying, revenge porn, online hate speech, cyberstalking and online sexual harassment. It seems particularly urgent to question these social spaces from the point of view of those cultural models that may favor the emergence of new forms of violence, in order to devise communication tools, with the direct involvement of boys and girls, that are at the same time effective, agile and easily usable and that, in their circulation, allow the multiplication of reflections and actions aimed at understanding and intervening on the harmful aspects of online life.

**Scientific disciplinary sector:** SPS/09 SOCIOLOGIA DEI PROCESSI ECONOMICI E DEL LAVORO

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

### **Required degree:**

Dottorato di ricerca in Sociologia o Scienze Sociali.

### **Subjects of the interview:**

Gender based violence, gender studies, qualitative research techniques, sexualities, visual sociology.

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