



Università di Genova

AREA PERSONALE

Servizio Personale Docente

Settore gestione del personale docente e dei contratti di ricerca

Decrete n. 5140

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 Decree no. 1195 of 11.03.2024 issuing the New Employee Code of Conduct of the University of Genoa;

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

Having regard to the Interministerial Decree of 7.12.2021 adopting the guidelines to promote equal opportunities gender and generational opportunities and the employment inclusion of persons with disabilities in public contracts public contracts financed with PNRR and PNC resources;

Having regard to Decree-Law no. 36 of 30 April 2022, converted with amendments into law no. 79 of 29 June 2022, and in particular article 14, paragraph 6-quaterdecies, which lays down the transitional rules for research grants in relation to which, for the 180 days following the entry into force of the above mentioned law, it is still possible to call for procedures for the awarding of research grants pursuant to article 22 of law no. 240/2010 in the text in force before the date of entry into force of the above mentioned conversion law;

Having regard to MUR Ministerial Note No. 9303 of 8 July 2022, clarifying certain aspects regulated by Article 14 of Decree-Law No. 36 of 30 April 2022, as converted by Law No. 79 of 29 June 2022;

Having regard to Decree-Law No. 198 of 29 December 2022, as converted into law with amendments by Law No. 14 of 24 February 2023, in particular Article 6 - Extension of terms in the field of universities and research - by which the provisions of the aforementioned Decree-Law no. 36 of 30 April 2022 were amended, converted with amendments into Law No. 79 of 29 June 2022, providing for the possibility of procedures for the award of research grants until 31.12.2023 limited to the resources already planned or approved by the respective governing bodies by the same deadline;

Having regard to Decree-Law No. 215 of 30 December 2023, "Urgent Provisions Concerning Regulatory Deadlines", in force as of 31 December 2023, at Article 6, paragraph 4, entitled "Extension of University and Research Deadlines", which provides for the possibility to call procedures for the award of research grants pursuant to Article 22 of Law No. 240 of 30 December 2010, in the text in force prior to the date of entry into force of the law converting Decree-Law No. 36 of 30 April 2022, **until 31 July 2024**;

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

Having regard to the National Programme for Research (PNR) 2021-2027, approved by the Interministerial Committee for Economic Planning by Resolution No. 74 of 15 December 2020;

Having regard to the National Recovery and Resilience Plan (NRRP), officially submitted to the European Commission on 30 April 2021 pursuant to Article 18 of Regulation (EU) No. 2021/241 and approved by ECOFIN Council Decision of 13 July 2021 and notified to Italy by the General Secretariat of the Council General Secretariat of the Council by note LT161/21, dated 14 July 2021;

Having regard to Decree-Law No. 59 of 6 May 2021, converted, with amendments, by Law No. 101 of 1 July 2021, No. 101, on 'Urgent measures relating to the Supplementary Fund for the National Recovery and resilience and other urgent measures for investments';

Having regard to Decree-Law No. 152 of 6 November 2021, containing 'Urgent provisions for the implementation of the National Recovery and Resilience Plan (PNRR) and for the prevention of infiltration mafia infiltration';

Having regard to Article 17 EU Regulation 2020/852 which defines environmental objectives, including the principle of Do No Significant Harm (DNSH), and the related European Commission Communication C(2021) 1054 final of 12 February 2021, containing 'Technical guidance on the application of the "do no significant harm" principle under the Recovery and Resilience Instrument Regulation'.

Considering that the University is committed to compliance with equal opportunities legislation opportunities;

Having regard to the Decree of the President of the Council of Ministers of 9 July 2021 on the identification of the central administrations in charge of interventions provided for in the PNRR, pursuant to art. 8, paragraph 1, of Decree-Law No. 77 of 31 May 2021;

Having regard to the Decree of the Ministry of Economy and Finance of 6 August 2021, entitled "Allocation of the financial resources provided for the implementation of the interventions of the National Plan of

Recovery and Resilience Plan (PNRR) and allocation of targets and objectives for six-monthly reporting deadlines reporting deadlines' and subsequent amendment of 23 November 2021;

Having regard to Circular No. 30 of 11.8.2022 on control and reporting procedures for the PNRR measures;

Given that the MUR has issued the Public Notice for the submission of Proposals for intervention for the creation of "Partnerships extended to universities, research centres, companies for the funding of basic research projects" - as part of the National Recovery and Resilience Plan, Mission 4 Education and Research' - Component 2 'From research to enterprise' - Investment 1.3, funded by the European Union – NextGenerationEU;

Considering that the MUR has issued the Public Notice for the presentation of Proposals for intervention for the strengthening of research structures and the creation of R&S "national champions" on certain Key Enabling Technologies to be financed under the National Recovery and Resilience Plan, Mission 4 Component 2 Investment 1.4 "Strengthening research structures and creating "national champions of R&S" on certain Key Enabling Technologies" financed by the European Union - NextGenerationEU" (hereafter hereinafter "National Centres Notice") (D.D. no. 3138 of 16 December 2021);

Given that the MUR has issued the public notice for the presentation of Proposals for intervention for the creation and strengthening of "ecosystems of innovation", construction of "territorial leaders of R&S" - Ecosystems of Innovation - within the framework of the National Recovery and Resilience Plan, Mission 4 Education and Research - Component 2 From Research to Enterprise - Investment 1.5, funded by the European Union – NextGenerationEU;

Considering that the funding provided by MUR for the implementation of projects under the National Recovery and Resilience Plan (NRRP) is allocated to the relevant structures and available in the University budget;

Considering that the economic coverage of the research grants will be borne by the resources allocated to the central administration budget as far as PNRR funding is concerned, while it will be borne by the resources allocated to the Departments concerned as far as PRIN 2022 funding is concerned;

Given that the research grants applied for under the PRIN 2022 PNRR funding concern projects eligible for MUR funding;

Having regard to Directorial Decree no. 104 of 2.2.2022 – PRIN 2022 Call;

Having regard to Directorial Decree no. 1409 of 14.9.2022 - Call for proposals PRIN 2022 PNRR - registered by the Court of Auditors on 5.10.2022 no. 125;

Having regard to Directorial Decree no. 1053 of 23.6.2022 registered by the Court of Auditors on 25.7.2022 no. 1970 - PNRR MUR - Innovation Ecosystem "RAISE" (Robotics and AI for Socio-economic Empowerment);

Having regard to Directorial Decree no. 1553 of 11.10.2022 registered by the Court of Auditors on 23.11.2022 no. 2948 - MNESYS (A multiscale integrated approach to the study of the nervous system in health and disease);

Having regard to Directorial Decree no. 1561 of 11.10.2022 - project PE2 - NEST - Network 4 Energy Sustainable Transition, under thematic area 2 "Energy Scenarios of the Future".

Having regard to Directorial Decree no. 126 of 27.06.2022 - PROMETH2eus – PROduction of green H2 from seawater by means of an innovative electrolyser operating at high temperature with integration in a power-to-METHanol process, financed by MiTE under the PNRR;

Having regard to Directorial Decree no. 1556 of 11.10.2022, registered by the Court of Auditors on 4.11.2022 no. 2783 – SERICS;

Having regard to Directorial Decree no. 564 of 13.12.2022 registered by the Court of Auditors on 12/01/2023 no. 81 - MSCA_0000003 - PNRR - M4C2 - Investment 1.2 'Financing of projects submitted by young researchers' - INSPIRE project;

Having regard to the measure of 30/08/2024 of the acting Director of CNR-IOM approving the ranking list and admission to funding of the projects submitted by public and private entities in the framework of the cascade calls funded by the PNRR - National Research Centre in High Performance Computing, Big Data and Quantum Computing ICSC SPOKE 7 CNR - Cascade Call Prot. 87619/2024 of 14/03/2024 amended by Prot. 121208/2024 of 11/04/2024 - INNOVATOR project;

Having regard to the programme PE RESTART - RESEARCH and Innovation on future Telecommunications systems and networks, to make Italy more smART code PE000001 - E63C22002040007 - NATIONAL RESTART AND RESILIENCE PLAN (PNRR) - MISSION 4 COMPONENT 2 INVESTMENT 1.3 - funded by the European Union - NextGenerationEU - Cascade call to Public Bodies and/or Private Bodies - Project FLARE (cascade call PNRR RESTART)

Having regard to Directorial Decree no. 1033 of 17/6/2022, registered by the Court of Auditors on 8/7/2022 no. 1827 - MOST (SPOKE 3) - PNRR MUR – M4C2 – CN00000023 Sustainable Mobility Center (National Centre for Sustainable Mobility - CNMS)

Having regard to the Guidelines of 12 February 2024 for reporting PRIN calls as per D.D. 104 of 2 February 2022 (PRIN 2022) and D.D. 1409 of 14 September 2022 (PRIN 2022 PNRR) - Measure M4C2 - Investment 1.1 "Research Projects of Significant National Interest (PRIN)";

Having seen the Ministerial Decree n. 639 of 2 May 2024 containing the determination of the scientific-disciplinary groups and the related declarations, as well as the rationalization and updating of the scientific-disciplinary sectors and the attribution of the latter to the scientific-disciplinary groups, pursuant to art. 15, of law 30 December 2010 n. 240;

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

Having regard to the resolutions received from the structures concerned proposing requests for the activation of research grants;

Considering that the Regulation on research grants provides that "*grants are for a period of between one and three years. It is possible to award, or renew, cheques for a duration of less than one year and, in any case, not less than six months, exclusively for the performance of research projects whose expiry date does not permit the awarding of cheques for one year*".

Considering also the commitment made by the Departments concerned, to assume the financial burden arising from the conclusion of the contracts, in the fortuitous event of non-acceptance of the reports

HEREBY DECREES

ART. 1

Number of research fellowships

1. An announcement is made for no. 40 public selections for the awarding of no. 40 research fellowships in the programs specified in *Annex A*, being an integral part of this announcement.

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

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

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

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

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

ART. 2

Admission requirements and grounds for exclusion

1. 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 fifteenth 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 27th July 2015 and subsequent amendments and integrations, regarding the prohibition of plurality of offices and the incompatibility;
- i) the choice of the foreign language in which to be tested, if required according to the subjects of the interview relevant to the research program in Annex A, as per art. 1;
- j) the indication of the account (Skype or similar videoconferencing platform) in the following cases:
 - if the announcement itself (respective research program indicated in Annex A) provides for the conduct of the interview electronically;
 - for candidates residing or domiciled outside the Italian territory and for those who reside and have their habitual domicile more than 300 km away from the selection site, as the interview can take place, upon request by indication in the application, also electronically via the platform indicated in the corresponding program referred to in Annex A). In this case, the candidates admitted to the interview will be contacted by the Commission at the e-mail address indicated in the application form.

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 12th 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.

15. This University does not take any responsibility for failure to receive communications, because a wrong electronic address was provided by the candidate or due to a missed or late notification of change of the e-mail address specified in the application, nor for any errors in any case attributable to third parties, chance or force majeure.

ART. 4

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

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

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

ART. 5

Qualification assessment and interview

1. The Selection Committee operates collegially with the participation of all its members, also with the use of telematic and digital tools. It predetermines the general criteria for the assessment of qualifications and for the interview and announces them by publication on the Department's website or by posting them at the examination venue.

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

They shall consist of:

- assessment of the qualifications submitted;

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

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

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

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

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

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

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

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

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

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

8. For the tests indicated in Annex A that are to be held electronically, the interview will take place via videoconference by Skype or a similar platform.

9. For the tests referred to in Annex A, which involve taking place in attendance, the interview shall take place in a room open to the public. For candidates who are resident or domiciled outside the Italian territory and for those who reside and have their usual domicile more than 300 km away from the selection venue, the interview may take place, if requested in the application form, in telematic mode on the platform indicated in the corresponding programme in Annex A to this notice. In this case, candidates admitted to the interview will be contacted by the Commission at the e-mail address given in the application form.

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

11. The selection committee predetermines the general criteria for the assessment of qualifications and for the interview and announces them by publication on the Department's website or by posting them at the examination venue.

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

ART. 6

Selection Committee

Formation and approval of the classifications

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

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

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

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

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

ART. 7

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

1. The awarding of the research fellowship is formalized through the stipulation of a contract of private law between the University of Genoa and the winning candidates resulting from the classification of merit as per art. 6, paragraph 3 above, for the duration specified in AnnexA to this Announcement as regards each research program, subject to ascertainment of the prescribed requirements.

2. The contract does not in any way constitute an employment relationship and does not give rise to any rights as regards access to the roles of the University. The grant is individual.

In order to sign the contract, the winner of the procedure MUST HAVE a qualified or digital signature that can be acquired through one of the trust service providers in Italy

(<https://www.agid.gov.it/it/piattaforme/firma-elettronica-qualificata/prestatori-di-servizi-fiduciari-attivi-in-italia>) The qualified or digital signature must be accompanied by a time stamp. It is also possible to use the **Electronic Identity Card (CIE)** for the signature.

3. The overall duration of the relations established following announcements issued according to the Italian Law no. 240 dated 30th 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.

4. The overall duration of the relations established with the holders of fellowships implemented following announcements issued according to the Italian Law no. 240 dated 30th 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.

5. 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.

6. 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.

7. 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

8. 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 11th 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. The financial burdens arising from these selections will be borne by the funding allocated by the MUR for the implementation of projects under the National Recovery and Resilience Plan (NRRP – PRIN 2022), as indicated in the introduction;

2. The amounts of research fellowships are determined by the Board of Directors according to art. 1 of the Regulation for the awarding of research fellowships, taking into account the provisions of the regulations in force. The contract referred to in art. 7 contains the annual pre-tax amount of the research fellowship. This amount is paid according to monthly deferred instalments. 3. With respect to taxation, fellowships are subject to the provisions of art. 4 of the Italian Law no. 476, dated 13th August 1984, and with respect to social security, to those of art. 2, paragraph 26 and following, of the Italian Law no. 335 dated 8th August 1995, and subsequent amendments.

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

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

ART. 10
Research fellowship holders' rights and duties

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

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

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

a) if he/she is the beneficiary of a study grant, awarded by national or foreign institutions, in order to integrate the research activity with stays abroad;

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

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

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

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

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

ART. 11
Prohibition of plurality of offices - Incompatibility

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

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

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

ART. 12
Absence from work

1. The following shall apply to research fellowships: provisions regarding the mandatory maternity leave, the provisions referred to in the Decree of the Italian Minister of Labour and Social Security dated 12th July 2007, published on the *Official Journal* (G.U.) no. 247 dated 23th October 2007, and, as regards sick leave, art. 1, paragraph 788, of the Italian Law no. 296 dated 27th 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 12th 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
Withdrawal and Termination of Contract

1. The contract will terminate automatically at the end of the specified period. The research grant holder wishing to terminate the contract must give the administration at least thirty days' notice. Failure to give notice shall entail the withholding of remuneration in proportion to the period of non-notice.

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 27th February 2015, and implementing the Italian Presidential Decree no. 62 dated 16th 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. 5389 dated 28.12.2020, 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, 24.10.2024

THE RECTOR
Digitally signed
Prof. Federico Delfino

RESEARCH PROGRAM NO. 1

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **02.12.2024 at 9:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **05.12.2024 at 14:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **14:00** electronically via videoconference by platform *Skype*.

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

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

Scientific coordinator: Prof. Alessio CAMINATA

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

Funding: PRIN PNRR 2022 funded by the European Union - NextGeneration EU - in the framework of the project 100021-2023-AC-PNRR-PRIN_2022_CAMINATA - PRIN 2022 PNRR Mathematical Primitives for Post Quantum Digital Signatures. Co-funded with University Research Funds.
D.D. no. 1397 of 6.9.2023 - CUP D53D23018900001

Title: Algebraic and geometric methods in cryptography.

Description: Research activity in Commutative Algebra and Algebraic Geometry and their applications to Cryptography

Scientific disciplinary sector: MAT/02 ALGEBRA - now MATH-02/A - Algebra

Place: Dipartimento di Matematica (DIMA)

Required degree: Laurea magistrale della classe LM-40 Matematica.

Subjects of the interview: Algebra, Geometry, and Cryptography.

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

RESEARCH PROGRAM NO. 2

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 14:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 16:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **14:00** electronically via videoconference by platform *Skype*.

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

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

Scientific coordinator: Prof. Maurizio LEOTTA

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

Funding: PRIN – EndGame

D.D. no. 1409 of 14.9.2022 registered by the Court of Auditors on 5.10.2022 no. 125

CUP D53D23008750006

Title: Improving End-to-End Testing of Web and Mobile Apps through Gamification.

Description: The candidate will be involved in the research activities of the software testing group at DIBRIS, specifically contributing to the PRIN EndGame project. This will include (1) contributing to the development of an advanced platform that integrates various gamification mechanics into E2E testing, and (2) participating in the empirical evaluation of its effectiveness and efficiency.

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

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

Required degree: Dottorato di ricerca in Informatica.

Subjects of the interview: Software testing, Software testing tools, Test automation, Mobile testing, Web testing, major testing frameworks both at the unit testing level (JUnit and TestNG) and at the end-to-end level (such as Selenium WebDriver for web applications and Appium for mobile applications), Gamification.

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

RESEARCH PROGRAM NO. 3

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 13:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 17:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **17:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Ilaria TORRE

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

Funding: PRIN 2022 PNRR, NEXT GENERATION EU. Project EKEEL - Empowering Knowledge Extraction to Empower Learners. Project code: P20227PEPK

D.D. no. 1409 of 14.9.2022 registered by the Court of Auditors on 5.10.2022 no. 125

CUP D53D23017350001

Title: Video augmentation, information visualization methods and learning analytics.

Description: The automatic extraction of concepts and relationships from video lectures enables the generation of semantic graphs representing the structure of content and its connections. Such graphs can be used for the development of methods and applications to support video-based learning and learning processes. In this context, the grant has to main goals: 1) design, development, and testing of innovative methods and applications for video augmentation and knowledge visualization based on the semantic graphs extracted as part of the project, 2) analysis of the experimental data using qualitative-quantitative and pattern recognition methods.

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

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

Required degree: Laurea Specialistica delle classi 23/S Informatica, 100/S Tecniche e metodi per la società dell'informazione, 35/S Ingegneria Informatica. Laurea magistrale delle classi LM-18 Informatica, LM-66 Sicurezza Informatica, LM-43 Metodologie informatiche per le discipline umanistiche, LM-91 Tecniche e metodi per la società dell'informazione, LM-32 Ingegneria informatica, LM-92 Teoria della Comunicazione.

Subjects of the interview: Experience in the areas of the grant and expertise in the subject areas of the research, including knowledge representation, human-computer interfaces and interaction, information visualization, statistical analysis, machine learning, web development, software development.

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

RESEARCH PROGRAM NO. 4

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 16:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 17:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **16:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Riccardo FERRANDO

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

Funding: Project INNOVATOR – financed by cascade call of the National Research Centre in High Performance Computing, Big Data e Quantum Computing ICSC SPOKE 7 CNR - Prot. 87619/2024 of 14.03.2024. CUP B93C22000620006

Title: Morphological evolution of metallic clusters using convolutional neural networks.

Description: The candidate is expected to develop and apply a suitable convolutional neural network architecture to speed up simulation of the morphological evolution of metallic clusters. A database needs to be first created based on Kinetic Monte Carlo (KMC) and/or Molecular Dynamics (MD) simulations, and, at a second stage, the predicted evolution by KMC and/or MD will be learned by the network. A comparison with continuum models described by analogous Machine Learning (ML) approaches shall follow. Monoatomic clusters will be tackled first, possible extensions to alloys will also be considered.

Scientific disciplinary sector: FIS/03 FISICA DELLA MATERIA – now PHYS-04/A - Fisica teorica della materia, modelli, metodi matematici e applicazioni

Place: Dipartimento di Fisica (DIFI)

Required degree: Dottorato di ricerca in Fisica, Scienze dei materiali o affini.

Subjects of the interview: Candidates will be asked to describe their research experience, with particular attention to the methodological computational aspects most relevant for the development of the project.

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

RESEARCH PROGRAM NO. 5

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 14:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 15:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **14:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Giulia ROSSI

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

**Funding: Project INNOVATOR – financed by cascade call of the National Research Centre in High Performance Computing, Big Data e Quantum Computing ICSC SPOKE 7 CNR - Prot. 87619/2024 of 14.03.2024.
CUP B93C22000620006**

Title: Computational study of nano-bio interfaces.

Description: The candidate is expected to study, via coarse-grained MD, the interface between synthetic nanoparticles and the biological environment. Both the interaction with model lipid membranes and the interaction with serum proteins will be object of investigation.

Scientific disciplinary sector: FIS/03 FISICA DELLA MATERIA - now PHYS-04/A - Fisica teorica della materia, modelli, metodi matematici e applicazioni

Place: Dipartimento di Fisica (DIFI)

Required degree: Dottorato di ricerca in Fisica, Scienze dei materiali o affini.

Subjects of the interview: Candidates will be asked to describe their research experience, with particular attention to the methodological computational aspects most relevant for the development of the project.

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

RESEARCH PROGRAM NO. 6

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 8:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 15:30** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **15:30** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa M. Paola CARPANESE

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

Funding: - PRIN 2022 - 'Integrated procedures for FAST ChARging with online state-of-health evaluation of lithium-ion batteries' (FASTCAR)- NATIONAL RESILIENCE PLAN (PNRR) Mission 4 'Education and Research' - Component C2 Investment 1.1, 'Fund for the National Research Programme and Projects of Significant National Interest (PRIN)'. D.D. n 104 of 2.2.2022 - CUP D53D23002990001

- PNRR - 'PROduction of green H2 from seawater by means of an innovative electrolyser operating at high temperature with integration in power-to-METHanol process' (PROMETH2eus) Mission 2 'GREEN REVOLUTION AND ECOLOGICAL TRANSITION' Component 2 'RENEWABLE ENERGY, HYDROGEN, NETWORKING AND SUSTAINABLE MOBILITY' Investment 3.5 'RESEARCH AND DEVELOPMENT ON HYDROGEN', FINANCED BY THE EUROPEAN UNION - NEXT GENERATION EU
D.D. no. 126 of 27.06.2022 - CUP F37G22000080006

Title: Analysis of lithium-ion batteries through electrochemical impedance spectroscopy (EIS) and fabrication of high-temperature solid oxide electrolysis cells.

Description: The activity involves the study, mainly through high quality electrochemical impedance spectroscopy (EIS), of the state of health (SoH) of new lithium-ion batteries (LiB) subjected to different charge and discharge cycles, to identify the various degradation phenomena that contribute to the reduction of the SoH itself. The study, through appropriate electrochemical tests, of the voltage response of some selected LiBs subjected to different fast charging conditions is also planned. In the final part of the grant, the activity will focus on the fabrication and testing of engineered structured solid oxide cells (SOCs) for the production of a seawater electrolysis stack.

Scientific disciplinary sector: CHIM/07 FONDAMENTI CHIMICI DELLE TECNOLOGIE - now CHEM-06/A Fondamenti chimici delle tecnologie

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

Required degree: Laurea magistrale delle classi LM-22 Ingegneria chimica, LM-28 Ingegneria elettrica, LM-53 Scienza e ingegneria dei materiali.

Subjects of the interview: Difference between galvanic and electrolytic systems; operating principles of lithium-ion batteries and solid oxide fuel cells

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

RESEARCH PROGRAM NO. 7

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 11:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 10:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **21.11.2024** starting from **14:30** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Simone BARANI

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

Funding: Project PNRR - Innovation ecosystem: RAISE (Robotics and AI for Socio-economic Empowerment), Spoke 3: "Sustainable environmental caring and protection technologies", WP2 "Smart technologies for environmental monitoring and territory management"; Code project: ECS00000035.

**D.D. no. 1053 of 23.06.2022 registered by the Court of Auditors on 25.7.2022 no. 1970
CUP D33C22000970006**

Title: Development and implementation of automatic procedures for the evaluation of earthquake ground-shaking scenarios in real time or near real time.

Description: The scope of the activity is the development and implementation of automatic procedures for the evaluation of earthquake ground-shaking scenarios in real time or near real time. All procedures should be developed in order to work in conjunction with standard procedures for earthquake location and warning used by major seismological centers. The activity will include the development and implementation of a warning system in the event of exceeding certain shaking levels. The procedure will be tested for an on-site target.

Scientific disciplinary sector: GEO/10 GEOFISICA DELLA TERRA SOLIDA – now GEOS-04/A Geofisica della Terra solida

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

Required degree: Laurea magistrale delle classi LM-74 Scienze e tecnologie geologiche, LM-79 Scienze geofisiche.

Subjects of the interview: Basics of seismology (e.g., propagation of seismic waves, earthquake location, magnitude scales, ground-motion attenuation equations), ground-shaking parameters and scenarios, seismic amplification effects, seismic hazard analysis, earthquake warning systems.

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

SCIENTIFIC DISCIPLINARY AREA BIOLOGY

RESEARCH PROGRAM NO. 8

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 8:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **11:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. G. CASAZZA

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

Funding: PRIN Call 2022 PNRR Prot. P2022SWYTR - CUP D53D23021410001

Title: Historical dynamics of environmental resources management practices and of forest by means of archaeobotanical analyses (PRIN-PNRR 2022 project - Prot. P2022SWYTR).

Description: The project aims to evaluate main changes in environmental resources management practices and forest landscapes of Italian and European mountain areas. For this purpose, archaeobotanical analyses (mainly palynological) will be carried out on sediment/soil samples from several selected sites, together with, where possible, analysis of the historical cartography available for the last two centuries. In this way it will be possible to reconstruct the succession of main vegetation cover and land-use changes, and to identify evidences of past management in the present landscape.

Scientific disciplinary sector: BIO/02 BOTANICA SISTEMATICA – now BIOS-01/B Botanica sistematica

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

Required degree: Laurea magistrale delle classi LM-2 Archeologia, LM-6 Biologia, LM-11 - Conservazione e restauro dei beni culturali, LM-14 Filologia Moderna, LM-60 Scienze della Natura, LM-73 Scienze e Tecnologie Forestali ed Ambientali, LM-75 Scienze e Tecnologie per l'Ambiente e il Territorio, LM-80 Scienze Geografiche, LM-84 Scienze Storiche.

Subjects of the interview: The interview is aimed to evaluate the candidate experience in archaeobotanical analyses (mainly pollen, microcharcoal and/or non-pollen-palynomorphs). Some prior experience in systematic botany and field-based botany (floristics) is desirable, as well as the ability to use statistical software in ecological fields and in spatial data elaboration. The aptitude to critical analyses and discussion, interdisciplinary research and teamwork will be also verified.

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

RESEARCH PROGRAM NO. 9

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 8:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 8:30** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **12.12.2024** starting from **14:00** electronically via videoconference by platform *Zoom*.

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

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

Scientific coordinator: Prof. Fabio BENFENATI

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

**Funding: PRIN 2022 (project 2022XWEYBN)
D.D. no. 104 of 2.2.2022 - CUP D53D23012580006**

Title: Transcriptional regulation of visual cortex plasticity: vision restoration by chemo-optogenetic regulation of the transcriptional repressor REST/NRSF (RESTLESS VISION).

Description: The project will develop chemo-optogenetic technologies for the transcriptional modulation of neural plasticity: application to the visual system.

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

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree: Laurea magistrale della classe LM-9 Biotecnologie mediche, farmaceutiche, veterinarie.

Subjects of the interview: Techniques for photostimulation: optogenetics, chemogenetics and photovoltaic nanoparticles. Applications of nanoparticles in biomedicine.

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

RESEARCH PROGRAM NO. 10

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 12:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with **the assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 14:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **13.12.2024 at 11:00** at Dipartimento di Medicina Sperimentale (DIMES) Sezione Fisiologia Umana, Viale Benedetto XV n. 3, Genova.

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

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

Scientific coordinator: Prof. Franco ONOFRI

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

Funding: PNRR - MNESYS (A multiscale integrated approach to the study of the nervous system in health and disease), D.D. no. 1553 of 11.10.2022 registered by the Court of Auditors on 23.11.2022 no. 2948
CUP D33C22001340002

Title: Sodium channel regulation by new molecular interactors.

Description: Voltage-gated sodium channels are key regulators of neuronal excitability, whose function is modulated by interactions with various auxiliary proteins. The project aims to uncover the molecular details of the interaction between these channels and their regulatory proteins. Among them, the PRRT2 protein, associated with a wide spectrum of paroxysmal disorders and previously characterized by our group, will be studied. To achieve this goal, molecular biology techniques and human and mouse cell cultures will be employed. Prior experience with these methodologies is considered a preferred requirement.

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

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree: Laurea magistrale delle classi LM-6 Biologia, LM-7 Biotecnologie agrarie, LM-8 Biotecnologie industriali, LM-9 Biotecnologie mediche, veterinarie e farmaceutiche.

Subjects of the interview: The interview includes the candidate's presentation of their thesis project and a description of their previous research experience. In addition, the candidate's knowledge will be assessed on specific topics and techniques relevant to the research project, such as molecular biology techniques, the manipulation of human and mouse cell cultures, and topics related to protein-protein interactions and molecular pathways.

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

RESEARCH PROGRAM NO. 11

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 9:30** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **12.12.2024 at 14:30** at Dipartimento di Medicina Sperimentale (DIMES) - Laboratorio di Oncologia Cellulare presso IST NORD, Largo R. Benzi n. 10 - Torre C 3° piano, Genova.

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

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

Scientific coordinator: Prof.ssa Chiara GENTILI

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

Funding: PRIN 2022, Project code 2022WKNWRF

D.D. no. 104 of 2.2.2022, registered by the Court of Auditors, financed in the framework of the NATIONAL RESTARTMENT AND RESILIENCE PLAN (NRP) - Mission 4 'Education and Research' - Component C2 - Investment 1.1, 'Fund for the National Research Programme and Projects of Significant National Interest (PRIN)' related to Macrosector LS - Life Sciences, Macrosector SH - Social Sciences and Humanities, Macrosector PE - Physical Sciences and Engineering - CUP D53D23008020006

Title: Preventing and targetting OsteoSarcoma tumour: unveil the contribution of the microenvironment in the early stages of OS development.

Description: The aim of the project is to investigate the formation of the osteosarcoma (OS) tumor microenvironment, developing an experimental model that simulates the early stages of OS formation and identify new therapeutic approaches. Tumor differentiation and OS tumor microenvironment will be studied by developing 3D constructs co-cultured in vitro (MSCs and OS cells) and in patient-derived samples using a multimodal and multi-scale approach; Using: i) advanced biomaterials ii) 3D bioprinting techniques iii) the obtained samples will be analyzed with classical histological and microscopy techniques or more sophisticated nano-diffraction techniques, and nano-fluorescence microscope.

Scientific disciplinary sector: BIO/13 BIOLOGIA APPLICATA – now BIOS-10/A Biologia cellulare e applicata

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree: Laurea magistrale delle classi LM-6 Biologia, LM-9 Biotecnologie mediche, veterinarie e farmaceutiche, LM-21 Ingegneria biomedica.

Subjects of the interview: 3D using innovative biomaterials and decellularized matrices – 3D bioprinting techniques. Advanced microscopy techniques.

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

RESEARCH PROGRAM NO. 12

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **22.11.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **22.11.2024 at 14:00** at Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV) Palazzo delle Scienze, Corso Europa n. 26, Genova.

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

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

Scientific coordinator: Prof. Emanuele BOSI

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

Funding: PRIN 2022 M4.C2.1.1."Microbiome Assembly: A multilevel approach to understand and predict the establishment and variation of host-associated microbiomes" code: 2022Z88RK4.
CUP D53D23008320001

Title: Study of the ecological mechanisms underlying the assembly and evolution of the gut microbiota.

Description: The project aims to identify the ecological dynamics of bacterial colonization in various regions (skin, gills, intestine) of *Poecilia reticulata* and how these are influenced by dispersion and host interactions. Specifically, the candidate will be responsible for the statistical analysis of longitudinal data obtained from Next Generation Sequencing.

Scientific disciplinary sector: BIO/18 GENETICA – now BIOS-14/A Genetica

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

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

Subjects of the interview. The candidate will need to demonstrate proficiency in the analysis of NGS data and the use of development environments and programming languages for statistical analysis (Python, R).

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

RESEARCH PROGRAM NO. 13

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 8:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **22.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **12:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Matilde INGLESE

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

Funding: PRIN 2022 PNRR – P2022ESHT4 (P.I. Tomassini – Chieti)

D.D. no. 1409 of 14.9.2022 registered by the Court of Auditors on 5.10.2022 no. 125 - CUP D53D23019220001

Title: Advancing MRI biomarkers of brain tissue microstructure and energetics in Multiple Sclerosis.

Description: The project aims to develop and validate a multimodal magnetic resonance imaging protocol in collaboration with the Universities of Chieti to be applied to healthy controls and, once optimized, to patients with multiple sclerosis. The Multimodal MRI Protocol will allow quantification of the pathological substrate of lesions and brain and normal-appearing gray and white matter and the identification of prognostic biomarkers.

Scientific disciplinary sector: MED/26 NEUROLOGIA – now MEDS-12/A Neurologia

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

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

Subjects of the interview: Methods for administrating and scoring the main neuropsychological test validated for multiple sclerosis, theoretical and practical knowledge of the main tools for data collection and analysis.

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

RESEARCH PROGRAM NO. 14

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 09.12.2024 at 14:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 12.12.2024 at 11:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **12.12.2024** starting from **14:00** electronically via videoconference by platform *Google Meet*.

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

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

Scientific coordinator: Prof. Matteo PARDINI

NO. 1 research fellowship - Duration year 1 - Annual pre-tax amount: € 31.015,00

Funding: National Recovery and Resilience Plan (NRRP), project MNESYS (PE0000006) – A Multiscale integrated approach to the study of the nervous system in health and disease.

D.D. no. 1553 of 11.10.2022 registered by the Court of Auditors on 23.11.2022 no. 2948 - CUP D33C22001340002

Title: Neuroimaging to study disease heterogeneity in Alzheimer's Disease.

Description: In this project, embedded within the MNESYS partnership activities, the candidate will develop novel neuroimaging analysis approaches to achieve a better characterization of the biological heterogeneity of Alzheimer's disease. The focus will be on the analysis of acquired MRI and PET FDG and PET Amyloid images to extract regional and network-level damage metrics, with particular attention to diffusion and atrophy metrics, as well as their potential clinical, biological, and cognitive correlates. The activities will also concentrate on potential applications, especially at the level of developing prognostic measures.

Scientific disciplinary sector: MED/26 NEUROLOGIA - now MEDS-12/A Neurologia

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

Required degree: Laurea magistrale delle classi LM-17 Fisica, LM-21 Ingegneria biomedica, LM-32 Ingegneria informatica, LM-40 Matematica, LM-51 Psicologia.

Subjects of the interview: Cognitive Deficits in Alzheimer's Disease. Neuroimaging Markers in Alzheimer's Disease. The Study of White Matter in Neurodegenerative Disorders: From Biology to Neuroimaging.

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

RESEARCH PROGRAM NO. 15

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 18.11.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 22.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **25.11.2024** starting from **9:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Mohamad MAGHNIE

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

Funding: Project PRIN 2022E5SZEM

D.D. no. 104 of 2.2.2022 - CUP D53D23013470006

Title: Data management of Chronic disorders.

Description: The Data Manager tasks of this project, under the supervision of the principal investigator/research coordinator, or the Co-PI, will be focused on the data collection and support in data analysis. In addition to these activities, he/she will be responsible for coordinating the different activities of the project including the administrative ones and the contact with the Ethics Committee. The specific requirements and prerequisite skills and must be specified in the application at the time of application.

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

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

Required degree: Laurea magistrale delle classi LM- 6 Biologia, LM-9 Biotecnologie mediche, veterinarie e farmaceutiche, LM-13 Farmacia e farmacia industriale, LM-82 Scienze statistiche, LM/SNT3 Scienze delle Professioni sanitarie tecniche.

Subjects of the interview: Demonstrate excellent command of the English language and knowledge of computer systems. Interview aimed at understanding interest and inclination for research and data collection. Reading scientific articles in English.

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

SCIENTIFIC DISCIPLINARY AREA CIVIL ENGINEERING AND ARCHITECTURE

RESEARCH PROGRAM NO. 16

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **16.12.2024 at 11:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **19.12.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **20.12.2024 at 11:30** at Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Ufficio Prof. Michele Bolla Pittaluga, Via Montallegro n. 1, Genova.

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

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

Scientific coordinator: Prof. Michele BOLLA PITTALUGA

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

Funding: PRIN 2022

D. D. no. 104 of 2.2.2022 - CUP D53D23004830006

Title: Physics-based morphodynamic model of the Po River delta network.

Description: The aim of this Post-Doctoral fellowship is to set up a physics-based one dimensional morphodynamic model of the Po River delta network. The model will include the forcing effect of the micro tidal variation at the sea and the distribution of water and sediment conveyed through the various delta branches. The main bifurcations will be treated with appropriate nodal conditions by taking advantage of the wide body of knowledge already developed for fluvial bifurcations. The channel width variations along the river branches will be accounted for.

Scientific disciplinary sector: ICAR/01 IDRAULICA - now CEAR-01/A Idraulica

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

Required degree: Laurea Magistrale delle classi LM-23 Ingegneria civile, LM-35 Ingegneria per l'ambiente e il territorio.

Subjects of the interview. Basic knowledge of fluid mechanics and fluvial hydraulics; Sediment transport and morphodynamics. Fundamentals of numerical modelling.

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

RESEARCH PROGRAM NO. 17

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 15:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **15:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Nicoletta TAMBRONI

NO. 1 research fellowship - Duration year 1 - Annual pre-tax amount: € 31.015,00

Funding: PRIN PNRR P2022KA5CW Safety Equilibrium Conditions for rivers Under changing climates (SECURE)

D.D. no. 1409 of 14.09.2022 - CUP D53D23022870001

Title: Modeling the effect of tides on bifurcations in small basins.

Description: Small river and lagoon basins are increasingly subject to very intense and sudden flooding events, which can have dramatic effects in terms of loss of human lives, resources, damage to structures and infrastructure, and, consequently, an enormous economic, social, and psychological impact. The project aims to study the stability of bifurcations in small basins, with reference to the influence of the tides.

Scientific disciplinary sector: ICAR/01 IDRAULICA - now CEAR-01/A Idraulica

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

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

Subjects of the interview: Discussion of the project and of the research experiences of the candidate.

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

RESEARCH PROGRAM NO. 18

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 10:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 14:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **11:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Vito DIANA

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

Funding: Project P2022HLHHB - A digital framework for the cutting of soft tissues: A first step towards virtual surgery. Call PRIN 2022 PNRR

D.D. no. 1409 of 14.9.2022, registered by the Court of Auditors on 5 ottobre 2022, no. 125

CUP D53D23018250001

Title: Multiscale modelling of soft tissues: microstructure and constitutive properties.

Description: The Department of Civil, Chemical and Environmental Engineering of the University of Genoa is offering a post-doc position within the 2-years research project PRIN PNRR 2022 "A digital framework for the cutting of soft tissues: A first step towards virtual surgery" focused on multiscale modeling of the cutting process in soft tissues. The ideal candidate should have documented background in mechanics of materials and, eventually, in the mechanics of solids undergoing large deformations. Specific competences in peridynamic material modeling are also appreciated. The main objective of the project is to develop a constitutive framework in such a way to combine classical material models for brain tissues with the inherent capabilities of peridynamics to model (possibly evolving) discontinuities.

Scientific disciplinary sector: ICAR/08 SCIENZA DELLE COSTRUZIONI - now CEAR-06/A Scienza delle costruzioni

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

Required degree: Dottorato di ricerca in Scienze Meccaniche (Meccanica applicata, Meccanica dei Materiali, Meccanica Computazionale, Ingegneria Meccanica, Biomeccanica), Ingegneria Civile e affini, Scienze Matematiche/Fisiche e affini.

Subjects of the interview: Research interests of the candidate as well as general topics in mechanics of materials, constitutive modelling, computational mechanics. Research activity and discussion of the publications.

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

RESEARCH PROGRAM NO. 19

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 8:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 8:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **8:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Marco FOLIN

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

Funding: PRIN 2022 PNRR/Prot. P2022YT2YJ – “Crafted in Stone/Recorded on Paper: Promoting the Architectural and Archival Heritage of the Small Italian Municipalities (13th-20th Centuries). Historical Research and Digital Enhancement”

D.D. no. 1409 of 14.9.2022 - CUP D53D23019970001

Title: Civic architecture in small Italian municipalities: the Liguria case in comparative perspective (12th-20th centuries).

Description: The research will focus on communal buildings and public works commissioned by municipal authorities in Liguria and neighbouring regions over the long term (12th-20th centuries), with particular concern to some case studies: among them Albenga and Finale Ligure in Riviera di Ponente; Chiavari and Levanto in Riviera di Levante. Documented experience in archival research and solid skills in digital humanities (databases, webgis) are required, as well as the availability to travel across the region in order to carry out the appropriate on-site surveys.

Scientific disciplinary sector: ICAR/18 STORIA DELL'ARCHITETTURA - now CEAR-11/A – Storia dell'architettura

Place: Dipartimento Architettura e Design (DAD)

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

Subjects of the interview: Italian civic architecture in the European context (12th-20th centuries); Tuscany's communal buildings in the Italian context; databases and webgis for the history of architecture; the sources for the history of communal buildings; the research project “Crafted in Stone/Recorded on Paper”.

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

RESEARCH PROGRAM NO. 20

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 8:30**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 8:45**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **9:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Marco FOLIN

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

Funding: PRIN 2022 PNRR/Prot. P2022YT2YJ – “Crafted in Stone/Recorded on Paper: Promoting the Architectural and Archival Heritage of the Small Italian Municipalities (13th-20th Centuries). Historical Research and Digital Enhancement”

D.D. no. 1409 of 14.9.2022 - CUP D53D23019970001

Title: Civic architecture in small Italian municipalities: the Tuscan case in comparative perspective (12th-20th centuries).

Description: The research will focus on communal buildings and public works commissioned by municipal authorities in Tuscany and neighbouring regions over the long term (12th-20th centuries), with particular concern to some case studies scattered in the Tuscan-Emilian Apennines area. Documented experience in archival research and solid skills in digital humanities (databases, webgis) are required, as well as the availability to travel across the region in order to carry out the appropriate on-site surveys.

Scientific disciplinary sector: ICAR/18 STORIA DELL'ARCHITETTURA - now CEAR-11/A Storia dell'architettura

Place: Dipartimento Architettura e Design (DAD)

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

Subjects of the interview: Italian civic architecture in the European context (12th-20th centuries); Tuscany's communal buildings in the Italian context; databases and webgis for the history of architecture; the sources for the history of communal buildings; the research project “Crafted in Stone/Recorded on Paper”.

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

RESEARCH PROGRAM NO. 21

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 9:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 8:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **12.12.2024** starting from **15:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Daniele SIMONI

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

Funding: PRIN – MILESTONE

D.D. no. 104 of 2.2.2022 - CUP D53D23003680006

Title: Development of aggregated model for the prediction of laminar separation bubbles.

Description: The activities will concern the development of models trained by means of data actually available in the Aerodynamics and Turbomachinery Laboratory. Different model and regression tools will be developed (Lasso, Sparse Bayesian Learning e Neural network).

Scientific disciplinary sector: ING-IND/08 MACCHINE A FLUIDO - now IIND-06/A – Macchine a fluido

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

Required degree: Dottorato di Ricerca in Ingegneria delle macchine e dei sistemi per l'energia, l'ambiente e la propulsione.

Subjects of the interview: Regression models, validation and generalizability by means of sparsity.

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

RESEARCH PROGRAM NO. 22

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **16.12.2024 at 8:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **19.12.2024 at 8:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **19.12.2024 at 14:00** at Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), sede di Via Montallegro n. 1, Genova.

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

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

Scientific coordinator: Prof. Alberto TRAVERSO

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

Funding: MOST (SPOKE 3) - PNRR MUR - M4C2 - CN000023 Sustainable Mobility Centre (National Centre for Sustainable Mobility - CNMS)

D.D. no. 1033 of 17.6.2022, registered by the Court of Auditors on 8.7.2022 under no. 1827

CUP D33C22000940007

Title: Dynamic analysis of innovative energy systems.

Description: The research activity requires skills in the dynamic modeling and control of innovative energy systems. The adoption of new architectures and technological solutions with low environmental impact requires the definition and study of new plant solutions or the use of working fluids or fuels of new application: this may cause the occurrence of potentially dynamic instability phenomena, for example compressor surge, or the need to study in depth the dynamic behavior of cycles, in order to control them effectively and safely. This research activity focuses on the development of experimentally validated dynamic models of energy systems aimed at both control development and performance monitoring.

Scientific disciplinary sector: ING-IND/09 SISTEMI PER L'ENERGIA E L'AMBIENTE - now IIND-06/B Sistemi per l'energia e l'ambiente

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

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

Subjects of the interview: Energy systems, power plants, dynamics and control of energy systems, propulsion systems, performance optimization, renewable energy sources, energy storage systems.

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

RESEARCH PROGRAM NO. 23

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **21.11.2024** starting from **14:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Marco VOCCIANTE

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

Funding: totally by the Project PE2 - NEST - Network 4 Energy Sustainable Transition, under thematic area 2 'Energy Scenarios of the Future'

D.D. no. 1561 of 11.10.2022 - CUP D33C22001330002

Title: Optimal strategies for energy efficiency and carbon neutrality in industrial processes.

Description: The Project is aimed at optimizing end uses in the energy supply chain voted to greater sustainability and resilience. Therefore, the activities covered by the research grant will concern: Simulation and evaluation of the energy behavior of technologies and materials in urban and industrial environments. - Development and exploitation of new clean technologies and smart materials of urban and industrial use for flexible, sustainable, and resilient energy management. - Simulation and evaluation of the sustainability of remediation techniques in urban and industrial environments. - Development and exploitation of sustainable remediation techniques as an enabling factor for decontamination strategies in urban/rural/industrial environment. - Reduction of emissions from the industrial sector through the development of appropriate materials and technologies, including carbon capture and utilization (CCU) technologies. - Optimization of energy end-use geared toward sustainable energy consumption, power generation, effective energy distribution, and secure access to energy resources.

Scientific disciplinary sector: ING-IND/26 TEORIA DELLO SVILUPPO DEI PROCESSI CHIMICI - now ICHI-01/C Teoria dello sviluppo dei processi chimici

Place: Dipartimento di Chimica e Chimica Industriale (DCCI)

Required degree: Laurea specialistica delle classi 27/S Ingegneria chimica, 62/S Scienze chimiche, 81/S Scienze e tecnologie della chimica industriale. Laurea magistrale delle classi LM-22 Ingegneria chimica, LM-26 Ingegneria della sicurezza, LM-30 Ingegneria energetica e nucleare, LM-33 Ingegneria meccanica, LM-53 Scienza e ingegneria dei materiali, LM-54 Scienze chimiche, LM-71 Scienze e tecnologie della chimica industriale, LM SC.MAT Scienza e Tecnologia dei Materiali.

Subjects of the interview: The interview will aim to verify the candidates' degree of scientific knowledge related to the research activity in question: - simulation of energy performance of equipment and processes of urban/industrial application; - assessment of environmental performance of equipment and processes of urban/industrial application; - simulation and environmental assessment of remediation technologies for urban/industrial environment remediation.

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

RESEARCH PROGRAM NO. 24

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 13:30** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **13:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Gabriella GARBARINO

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

Funding: PROMETH2eus - PROduction of green H₂ from seawater by means of an innovative electrolyser operating at high temperature with integration in power-to-METHanol process, funded by MiTE within PNRR, mission 2 'Green Revolution and Ecological Transition', component 2 'Renewable Energy, Hydrogen, Grid and Sustainable Mobility', investment 3.5 'Research and Development on Hydrogen', funded by the European Union - Next Generation EU - PI Maria Paola Carpanese
D.D. no. 126 of 27.06.2022 - CUP F37G22000080006

Title: Catalytic processes for power to methanol and implementation with reversible solid oxide cells.

Description: The main objectives of the research project are the development and testing of active and selective heterogeneous catalysts in the conversion of CO₂ to methanol, evaluating the possible integration with the chosen electrochemical device operating in reversible mode for integration with the national electricity grid. The characterization of materials and the understanding of reaction mechanisms in complex systems will also be investigated.

Scientific disciplinary sector: ING-IND/27 CHIMICA INDUSTRIALE E TECNOLOGICA – now ICHI-02/B CHIMICA INDUSTRIALE E TECNOLOGICA

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

Required degree: Laurea magistrale delle classi LM-22 Ingegneria chimica, LM-54 Scienze Chimiche, LM-71 Scienze E Tecnologie della Chimica Industriale, LM-53 Scienza ed Ingegneria dei Materiali - LM SC.MAT Scienza e Tecnologia dei Materiali.

Subjects of the interview: Catalysis and catalysts, renewable resources and processes for the green industrial chemistry, chemical thermodynamic and kinetic.

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

RESEARCH PROGRAM NO. 25

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 10:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 10:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **21.11.2024** starting from **14:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Massimo BRIGNONE

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

Funding: PRIN 2022 number 20224CL7HM, funds _100026-2023-RP-PRIN_BAND2022
D.D. no. 104 of 2.2.2022 - CUP D53D23000990006

Title: Model designing to forecast dangerous lightning events from Preliminary Breakdown Pulses measurements.

Description: The aim is to design and test a model capable of sensing electromagnetic fields that are preliminary to a lightning event. These fields are generated by the so-called Preliminary Breakdown Pulses, that takes place during the first phases of the lightning inception. Few studies in the literature exist about the modelling and measurements of such phenomenon, and one of the key points is to use them (or develop new ones) to perform a thorough study about the electromagnetic quantities that characterize the phenomenon itself, which can be measured and exploited for the protection system. This activity is the basis for developing the early detection algorithm: a Machine Learning based procedure that should be able to classify the received electromagnetic signals into dangerous or not.

Scientific disciplinary sector: ING-IND/31 ELETTROTECNICA – now IIET-01/A Elettrotecnica

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

Required degree: Laurea magistrale della classe LM-28 Ingegneria elettrica, LM-30 Ingegneria energetica e nucleare - Energy Engineering.

Subjects of the interview: Electromagnetic Fields, Lightning events, Overvoltages, Machine Learning

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

RESEARCH PROGRAM NO. 26

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 10:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **10:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Mario MARCHESONI

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

Funding: PNRR MUR – PE2 -NEST - Network 4 Energy Sustainable Transition- Spoke 4 (Clean Hydrogen and Final Use)

D.D. no. 1561 of 11.10.2022 - CUP D33C22001330002

Title: Integration of fuel cells with hybrid energy storage systems.

Description: The increasing attention in fossil fuel saving and renewable energy exploitation has led to numerous study on Energy Storage Systems (ESS). Among the numerous types of storage systems, some are high Power Density Energy Storage (PDES), whereas others are high Energy Density Energy Storage (EDES). In order to combine the benefits of both ESSs, Hybrid-ESS (HESS) were studied, where PDESs (e.g., ultracapacitors or flywheels) were combined with EDESs (e.g., batteries). This project aims to study and develop new converters for interfacing fuel cells with suitable storage devices for the correct high-efficiency energy supply of the end user.

Scientific disciplinary sector: ING-IND/32 CONVERTITORI, MACCHINE E AZIONAMENTI ELETTRICI – now IIND-08/A Convertitori, macchine e azionamenti elettrici

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

Required degree: Laurea magistrale della classe LM-28 Ingegneria Elettrica.

Subjects of the interview: Advanced concepts of static energy conversion.

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

RESEARCH PROGRAM NO. 27

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **15:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Lucio MARCENARO

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

**Funding: FLARE project (cascade call PNRR RESTART) - code PE000001 - NATIONAL RESTART AND RESILIENCE PLAN (PNRR) - Mission 4 component 2 - Investment 1.3 - funded by the European Union - Next GenerationEU
CUP E63C22002040007**

Title: Study and development of interaction models between autonomous agents in integrated sensing and communication systems.

Description: The main objective of the research grant is to study integrated sensing and communication systems (ISAC) with specific attention towards the development of an architecture for a self-aware cognitive system able to perform tasks in which the interactions between the internal state of the agents and the surrounding environment are represented in an explicit and dynamic way. The studied architecture will have the following characteristics: adaptability to self-awareness learning frameworks, scalability to represent multi-ego agents, reliability in representing and making inferences of heterogeneous agents, conceptual integrity in representing a comprehensive view of reasoning and maintainability of its components.

Scientific disciplinary sector: ING-INF/03 TELECOMUNICAZIONI - now IINF-03/A Telecomunicazioni

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

Required degree: Laurea V.O. in Ingegneria Elettronica, Ingegneria Informatica, Ingegneria Biomedica, Ingegneria delle Telecomunicazioni. Laurea specialistica delle classi 26/S Ingegneria Biomedica, 30/S Ingegneria delle Telecomunicazioni, 32/S Ingegneria Elettronica, 35/S Ingegneria Informatica. Laurea magistrale delle classi LM-21 Ingegneria Biomedica, LM-27 Ingegneria delle Telecomunicazioni, LM-29 Ingegneria Elettronica, LM-32 Ingegneria Informatica.

Subjects of the interview: Signal Processing, Machine learning, Deep learning, Bayesian network, Active inference, integrated sensing and communication.

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

RESEARCH PROGRAM NO. 28

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 17:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 17:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **17:00** electronically via videoconference by platform *Zoom*.

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

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

Scientific coordinator: Prof. Radoslaw NIEWIADOMSKI

NO. 1 research fellowship - Duration 6 months – pre-tax amount: € 13.566,50 (annual amount: € 27.133,00)

Funding: Project PRIN2022 COCOA

D.D. no. 1409 of 14.9.2022 registered by the Court of Auditors on 5.10.2022 no. 125

CUP D53D23008850001

Title: Analysis and automatic recognition of commensal activities.

Description: The fellow will be responsible for collecting multimodal data and designing and developing models for the analysis and recognition of commensal activities at both individual level (e.g., detecting activities such as chewing and drinking, gaze direction) and group level (analyzing social interactions, interpersonal synchronization), primarily using video data and deep machine learning techniques. The work will be carried out within the context of the PRIN Computational Models of Commensality for Artificial Agents (COCOA) project and will be integrated into a robot to create an artificial commensal companion.

Scientific disciplinary sector: ING-INF/05 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI – now IINF-05/A Sistemi di elaborazione delle informazioni

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

Required degree: Laurea magistrale delle classi LM-18 Informatica, LM-21 Ingegneria Biomedica, LM-25 Ingegneria dell'Automazione, LM-27 Ingegneria delle telecomunicazioni, LM-29 Ingegneria Elettronica, LM-32 Ingegneria Informatica, LM-40 Matematica, LM-55 Scienze Cognitive, LM-82 Scienze statistiche, LM-91 Tecniche e metodi per la società dell'informazione.

Subjects of the interview: Multimodal dataset creation, computer vision, application of machine/deep learning to audio and video, automatic analysis and classification of nonverbal behavior, affective computing, human-robot interaction.

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

RESEARCH PROGRAM NO. 29

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **09.12.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **12.12.2024** starting from **14:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Carmine Tommaso RECCHIUTO

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

Funding: SONRIE Project (Project Code P2022ZRP9H)

D.D. no. 1409 of 14.9.2022 registered by the Court of Auditors on 5.10.2022 no. 125

CUP D53D23020550001

Title: A software system for verbal and non-verbal robotic interaction in schools and multicultural contexts.

Description: The research will focus on investigating a portfolio of different solutions to define the overall software framework for a social robot to be used in a multicultural school setting, enabling it to interact verbally with children in different languages during classical school activities. During the interaction, the robot will prove to be aware of the different cultures of the children, by selecting languages, conversation topics and adopting social norms that adhere to the specific targets, finally learning their specific preferences. The researcher will use instruments such as hierarchically-structured ontologies, causal Bayesian networks, and hybrid probabilistic ontology. Alternative and augmentative communication mechanisms will also be investigated to improve the interaction capabilities of the robot. Finally, given the multiparty scenario, strategies to take into account different speakers and to different roles in conversation will be explored.

Scientific disciplinary sector: ING-INF/05 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI – now IINF-05/A Sistemi di elaborazione delle informazioni

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

Required degree: Laurea magistrale delle classi LM-18 Informatica, LM-21 Ingegneria biomedica, LM-25 Ingegneria dell'Automazione, LM-29 Ingegneria elettronica, LM-32 Ingegneria informatica.

Subjects of the interview: Social robotics, Python and Android programming, cloud systems, dialogue management systems.

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

RESEARCH PROGRAM NO. 30

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **18.11.2024 at 16:30** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **21.11.2024** starting from **17:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Enrico RUSSO

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

Funding: PNRR SERICS

D.D. no. 1556 of 11.10.2022, registered by the Court of Auditors on 4.11.2022 no. 2783

CUP D33C22001300002

Title: Implementation of Virtual Cyber-Physical Sensors for stimulating devices in Cyber Ranges.

Description: This project aims to enhance the capabilities of the next-generation cyber range framework being developed within the Spoke 4 of SERICS's ARTIC project by integrating advanced and real-time simulation of sensors such as cameras, LIDAR, and RADAR in cyber-physical environments. The goal is to extend the framework with components that enable realistic sensor behavior simulation in complex scenarios, facilitating advanced testing of attacks and defenses in transportation systems and critical infrastructure. The role requires expertise in system simulation, cybersecurity, and the design of complex environments. Activities include developing software modules for sensor simulation, creating realistic test scenarios, implementing specific attack and defense techniques for sensor systems, and integrating these models into the ARTIC framework.

Scientific disciplinary sector: ING-INF/05 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI – now IINF-05/A Sistemi di elaborazione delle informazioni

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: Knowledge of the operating principles of cameras, LIDAR, and RADAR; Management and analysis of data from sensors in complex environments; Experience with real-time simulation technologies; Techniques for attacking and defending sensor systems.

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

RESEARCH PROGRAM NO. 31

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **19.11.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **22.11.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **17:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Enrico RUSSO

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

Funding: PNRR SERICS

D.D. no. 1556 of 11.10.2022, registered by the Court of Auditors on 4.11.2022 no. 2783

CUP D33C22001300002

Title: Bidirectional integration of Software Defined Radio (SDR) into Cyber Range platforms for advanced testing of attacks and defenses on cyber-physical scenarios with radio equipment.

Description: This project aims to enhance the capabilities of the next-generation cyber range framework being developed in the ARTIC project of SERICS Spoke 4, integrating Software Defined Radio (SDR) technologies. The goal is to extend the framework with a bidirectional component that will enable advanced testing of attacks and defenses in cyber-physical scenarios involving radio apparatus such as 5G infrastructure or satellite links. The role requires expertise in SDR, cybersecurity, and complex system design. Activities include developing software modules for integration between ARTIC and SDRs, creating realistic test scenarios, and implementing attack and defense techniques specific to radio communications.

Scientific disciplinary sector: ING-INF/05 SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI – now IINF-05/A Sistemi di elaborazione delle informazioni

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: Expertise in Software Defined Radio (SDR); Experience in applying cybersecurity to radio contexts; Techniques for attack and defense in cyber-physical environments; Knowledge of radio communication protocols; Experience with cyber range tools and platforms; Ability to analyze and solve problems in complex cyber-physical scenarios.

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

SCIENTIFIC DISCIPLINARY AREA ANCIENT, PHILOLOGICAL-LITERARY AND HISTORICAL-ARTISTIC SCIENCES

RESEARCH PROGRAM NO. 32

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 9:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 15:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **10:30** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Fabio NEGRINO

NO. 1 research fellowship - Duration 9 months - pre-tax amount: € 14.525,25 (annual amount: € 19.367,00)

Funding: PRIN 2022: SAPIens and SAPajus: evolution of technology in human and non-human primates, , code 2022FATAHZ, , Funded by the European Union - Next Generation EU, within Mission 4 'Education and Research', Component 2 'from Research to Enterprise', Investment 1.1, National Programme Fund for Research and Projects of Significant National Interest (PRIN) of the National Recovery and Resilience Plan.

D.D. no. 104 of 2.2.2022, D.D. of admission to funding no. 969 of 30.06.2023

CUP D53D23000640006

Title: Lithics from Arma delle Manie (Finale Ligure, Savona, Italy): analysis of techno-economic behaviour and comparative approaches to some MSA contexts (Ethiopia).

Description: The comparative analysis aims to identify the presence/absence and the frequency of technological trends. Through a techno-typological approach and a multivariate statistical analyses, we expect to test the relationship between lithic industries and, in general, the different site functions and the hypothesis of the presence of structured populations, their diffusion and/or interaction between them. The Mousterian lithics (made by Neanderthals) from Arma delle Manie (Finale Ligure, Savona, Italia) will be analysed and compared with the MSA (Ethiopia) lithics to underline behavioural differences between the two human species.

Scientific disciplinary sector: L-ANT/01 PREISTORIA E PROTOSTORIA – now ARCH-01/A Preistoria e protostoria

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

Required degree: Laurea magistrale della classe LM-2 Archeologia– Preistoria e Protostoria ARCH-01/A (già L-ANT/01)

Subjects of the interview: A good knowledge of the European Middle Palaeolithic and the African Middle Stone Age (MSA) is required, with particular attention to the study of chipped stone artefacts, their techno-typological classification and the processing of data obtained using multivariate statistical systems. A thorough knowledge of the Middle Palaeolithic in Liguria and neighbouring areas is also required.

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

RESEARCH PROGRAM NO. 33

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 12:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 9:30**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **22.11.2024** starting from **14:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Anna Maria STAGNO

NO. 1 research fellowship - Duration 7 months - pre-tax amount: € 11.297,42 (annual amount € 19.367,00)

Funding: PRIN 2022 PNRR In Search of an Old Resource in the Industrial Era: Wood and the Historical Roots of the Italian Forests (1870s-1960s), code P2022SWYTR, Funded by the European Union - Next Generation EU, within Mission 4 'Education and Research', Component 2 'from Research to Enterprise', Investment 1.1, National Programme Fund for Research and Projects of Significant National Interest (PRIN) of the National Recovery and Resilience Plan (PNRR).

**D.D. no. 1409 of 14.09.2022, D.D. of admission to funding no. 1373 of 01.09.023
CUP D53D23021410001**

Title: Historical dynamics of environmental resources management practices and of forest by means of historical cartography and rural archaeology.

Description: The project aims to evaluate main changes in environmental resources management practices and forest landscapes of Italian and European mountain areas. For this purpose, analyses will be carried out on historical cartography (areal cartographic filtering on GIS platform) available for the last two centuries and the municipalities under study, together with rural archaeology investigation in selected sites. In this way it will be possible to reconstruct the succession of main vegetation cover and land-use changes, and to identify evidences of past management in the present landscape.

Scientific disciplinary sector: L-ANT/10 METODOLOGIE DELLA RICERCA ARCHEOLOGICA – now ARCH-01/G Metodologie della ricerca archeologica

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

Required degree: Laurea magistrale delle classi LM-2 Archeologia, LM-14 Filologia Moderna, LM-60 Scienze della Natura, LM-73 Scienze e Tecnologie Forestali ed Ambientali, LM-75 Scienze e Tecnologie per l'Ambiente e il Territorio, LM-80 Scienze Geografiche, LM-84 Scienze Storiche

Subjects of the interview: The interview aims to assess the candidates' experience in archival research and their aptitude for critical analysis and discussion, interdisciplinary research and teamwork.

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

RESEARCH PROGRAM NO. 34

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **12.12.2024 at 16:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **19.12.2024 at 11:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **19.12.2024** starting from **16:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof.ssa Eliana CARRARA

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

Funding: PRIN 2022 Prot. 2022HBM547 SHARING Scientific-humanistic research on an art collection. Pilot project for a technical-scientific digital catalogue of the paintings of the Museo e Real Bosco di Capodimonte D.D. no. 104 of 2.2.2022 - CUP D53D23023090006

Title: Editing of an innovative online and multimedia catalogue for the paintings of the Museo e Real Bosco di Capodimonte.

Description The project will publish specific publications, mainly digital and available in open access, on the technical and stylistic themes investigated, specifically concerning the history of art techniques. The pilot catalogue will collect in a multilevel structure all the information acquired, to ensure the sharing of the results among scholars - art historians and technical art historians - and conservators. It will be also the basis for dissemination projects aimed at the public, museum visitors and students. The intention is to establish a sufficiently broad and ductile curatorial entry that can be easily updated in the future as the museum's cataloguing campaigns continue. At the same time, the data we will collect could address some fundamental issues in the interaction between traditional and technical art history.

Scientific disciplinary sector: L-ART/04 MUSEOLOGIA E CRITICA ARTISTICA E DEL RESTAURO - now ARTE-01/D Museologia e critica artistica e del restauro

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

Required degree: Dottorato di Ricerca in Digital Humanities (curriculum ARTE) o equivalenti.

Subjects of the interview: The interview will test knowledge of the main methodologies of investigation in the field of technical art history; competence in methodologies and museum cataloguing from the modern to the contemporary age; mastery of the instrumentation of digital humanities in the field of art historiography.

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

**SCIENTIFIC DISCIPLINARY AREA HISTORICAL, PHILOSOPHICAL, PEDAGOGICAL AND
PSYCHOLOGICAL SCIENCES**

RESEARCH PROGRAM NO. 35

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **09.12.2024 at 10:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **13.12.2024** at **16:00** at Dipartimento di Antichità, Filosofia e Storia (DAFIST), secondo piano - Studio Gardini, Macchiavello, Ruzzin -, Via Balbi n. 2, Genova.

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

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

Scientific coordinator: Prof. Stefano GARDINI

NO. 1 research fellowship - Duration 7 months - pre-tax amount: € 11.297,42 (Annual amount: € 19.367,00)

Funding: PRIN 2022 PNRR REDDIS: REcycled meDieval Diplomatic fragmentS, code P2022PZS2S, Funded by the European Union - Next Generation EU, under Mission 4 'Education and Research', Component 2 'from Research to Enterprise', Investment 1.1, National Research Programme Fund and Projects of Significant National Interest (PRIN) of the National Recovery and Resilience Plan.

D.D. no. 1409 of 14.9.2022, D.D. of admission to funding no. 1373 of 1.9.2023

CUP D53D23021380001

Title: Census and cataloguing of medieval documentary parchment fragments in the Ligurian area.

Description: The research involves the reconnaissance at conservation institutes in the Ligurian territory of the parchment fragments reporting medieval documents in full or in part. Following the identification, it will be necessary to proceed with the cataloguing through the path provided by the research group and the elaboration of the main statistical-quantitative results useful for outlining the scope of the phenomenon in order to the policies of conservation, discard and reuse of medieval documentary material.

Scientific disciplinary sector: M-STO/08 ARCHIVISTICA, BIBLIOGRAFIA E BIBLIOTECONOMIA – now HIST-04/C Archivistica, bibliografia e biblioteconomia

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

Required degree: Laurea magistrale delle classi LM-5 Archivistica e biblioteconomia, LM-15 Filologia, letterature e storia dell'antichità.

Subjects of the interview: Geography of medieval Italian documentary sources, archives, paleography and diplomacy.

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

RESEARCH PROGRAM NO. 36

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **09.12.2024 at 9:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview 12.12.2024 at 9:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **13.12.2024 at 15:00** at Dipartimento di Antichità, Filosofia e Storia (DAFIST), secondo piano - Studio Gardini, Macchiavello, Ruzzin- , Via Balbi n. 2, Genova.

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

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

Scientific coordinator: Prof.ssa Valentina RUZZIN

NO. 1 research fellowship - Duration 7 months - pre-tax amount € 11.297,42 (Annual amount € 19.367,00)

Funding: PRIN 2022 ON: Objects in network. The social life of things in the fifteenth century between notarial sources and semantic web, code 2022XTSEZ3, Funded by the European Union - Next Generation EU, within Mission 4 'Education and Research', Component 2 'from Research to Enterprise', Investment 1.1, National Research Programme Fund and Projects of Significant National Interest (PRIN) of the National Recovery and Resilience Plan.

**D.D. no. 104 of 2.2.2022, D.D. of admission to funding no. 969 of 30.06.2023
CUP D53D23000850006.**

Title: Between forms and 'new technologies': Analysis of 15th century documentary structures for the circulation of objects.

Description: The research fellow will be responsible for selecting, surveying and analyzing notarial deeds produced in Genoa in the 15th century, identifying models for the study of the formal structure and the evolution of the formulation of contracts relating to the production and circulation of objects. The research fellow will also have to prepare useful paths for the correct identification of customers as well as for the social profiling of the selected notaries. The work of identifying recurring contractual typologies and recognizable patterns in the writing and editorial techniques of the individual selected professionals must allow the data to be related to digital interfaces and databases.

Scientific disciplinary sector: M-STO/09 PALEOGRAFIA – now HIST-04/D Paleografia

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

Required degree: Dottorato di ricerca in discipline assimilabili ai SSD HIST-01/A (già M-STO/01) – Storia medievale o HIST-04/D (già M-STO/09) - Paleografia.

Subjects of the interview: Diplomatics of notarial documents, paleography.

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

RESEARCH PROGRAM NO. 37

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on - **18.11.2024 at 11:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 11:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **21.11.2024** at **13:00** at presso il Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Clinica Psichiatrica Pad. A, L.go R. Benzi n. 10, Genova.

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

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

Scientific coordinator: Prof. Gianluca SERAFINI

NO. 1 research fellowship - Duration year 1 - Annual pre-tax amount: € 31.015,00

Funding: PNRR MNESYS 'Partnerships extended to universities, research centres, companies for the funding of basic research projects', Notice no. 341 of 15.03.2022, National Recovery and Resilience Plan, Mission 4 'Education and Research' - Component 2 'From Research to Enterprise'
D.D. no. 1553 of 11.10.2022 registered by the Court of Auditors on 23.11.2022 no. 2948
CUP D33C22001340002

Title: MNESYS - A Multiscale Integrated Approach To The Study Of The Nervous System In Health And Disease.

Description: The research project aims to 1) identify common and distinct pathophysiological features in schizophrenia and bipolar disorder, 2) predict the differential diagnosis between mood and psychotic disorders through multimodal imaging, 3) identify sociodemographic and clinical components of treatment resistance (TR) across mood and psychotic disorders, 4) validate the predictive models and demonstrate early identification of individuals with psychotic or mood disorders at risk for TR. In order to profitably integrate into the complex work described above, candidates are required to have specific skills in the fields of psychopathology, psychometrics, data management and statistical analysis.

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

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

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

Subjects of the interview: Psychopathology, Psychometry, Statistical analysis.

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

RESEARCH PROGRAM NO. 38

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **09.12.2024 at 11:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **12.12.2024 at 11:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **13.12.2024** starting from **11:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Andrej KRISTAN

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

Funding: - 80% Project PRIN 2022 "Concept of the Rule of Law: Empirical and Analytical Research" (CLEAR) - D.D. no. 104 del 2.2.2022 - CUP D53D23007000006

- 20% European project Horizon WIDERA "Advancing cooperation on the foundations of law" (ALF) G.A. 101079177 - CUP D33C21000250006

Title: Tarello fellowship in Legal theory and the Rule of law.

Description: The Tarello fellow is expected to make a significant contribution to the implementation of two European projects, namely the Horizon WIDERA project "Advancing cooperation on the foundations of law" (ALF), carried out by a consortium of teams from the Universities of Belgrade, Lisbon, Surrey and Genoa, and the project PRIN "Concept of the Rule of Law: Empirical and Analytical Research" (CLEAR), carried out by a consortium of teams from the Universities of Bologna, Palermo and Genoa. The expected contribution includes the fellow's initiative and coordination activities for the collective implementation of the above-mentioned projects (including the dissemination of the team's previous research, the production of teaching materials and the preparation of further research designs and grant applications), as well as individual research in the fields of the rule of law, and either analytical philosophy of law or experimental jurisprudence.

Scientific disciplinary sector: IUS/20 FILOSOFIA DEL DIRITTO – now GIUR-17/A Filosofia del diritto

Place: Dipartimento di Giurisprudenza

Required degree: Laurea magistrale delle classi LMG/01 Giurisprudenza, LM-62 Scienze della politica, LM-78 Scienze filosofiche.

Subjects of the interview: The interview will focus on the key elements of the two projects, in particular: the analytical theory of positive law and the rule of law, as well as the main research funding programs at the European level. Any expertise in team-working, experimental jurisprudence and experience in drafting and managing research projects will be particularly appreciated.

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

RESEARCH PROGRAM NO. 39

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 13:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 10:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview: on **21.11.2024** starting from **11:00** electronically via videoconference by platform *Microsoft Teams*.

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

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

Scientific coordinator: Prof. Corrado LAGAZIO

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

Funding: Project PRIN 2022 2022ZXHRCS - FIGHTING THE WASTE OF FOOD UNDERGOING OXIDATION THROUGH THE DEVELOPMENT of a SCIENTIFIC-BASED APPROACH FOR DATE MARKING

Title: Statistical methods for the estimation of the shelf life of food.

Description: The aim of the research project is to develop appropriate statistical methods for estimating the shelf life of microbiologically stable food products, taking into account both the evolution of sensory characteristics based on consumer preferences and physico-chemical parameters detectable through instrumental investigations.

Scientific disciplinary sector: SECS-S/01 STATISTICA – now STAT-01/A Statistica

Place: Dipartimento di Economia

Required degree: Laurea magistrale delle classi LM-22 Ingegneria chimica, LM-56 Scienze dell'economia, LM-70 Scienze e tecnologie alimentari, LM-82 Scienze statistiche, LM-83 Scienze statistiche, attuariali e finanziarie.

Subjects of the interview: Previous research experience, duration models, software R.

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

RESEARCH PROGRAM NO. 40

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview** on **18.11.2024 at 15:00** The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview** on **21.11.2024 at 14:00** The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview.

The interview will be held on **22.11.2024 at 14:00** at Dipartimento di Scienze della Formazione (DISFOR) Stanza 3A5, C.so A. Podestà n. 2, Genova

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

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

Scientific coordinator: Prof. Ervis MARTANI

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

Funding: MSCA_0000003 - PNRR - M4C2 - Investment 1.2 'Funding of projects submitted by young researchers'- project INSPIRE

**D.D. no. 564 of 13.12.2022 registered by the Court of Auditors on 12.01.2023 no. 81
CUP D33C22001620001**

Title: Private sponsorship of refugees in Italy, France and Germany.

Description: The private sponsorship of refugees is considered more effective and suitable than the government-assisted sponsorship program because it allows for smoother, faster, and better long-term integration of refugees. Given its success in Canada, country which adopted initially the program, it is being broadly championed as a best practice for the rest of the world. The project INSPIRE investigates in a comparative perspective the adequacy and the effectiveness of private sponsorship schemes for the integration of refugees implemented in Italy, France, and Germany. It aims to explore how these programs work, similarities, differences and to analyse their performance through a set of integration indicators, including education and language skills, labour market access and housing.

Scientific disciplinary sector: SPS/10 SOCIOLOGIA DELL'AMBIENTE E DEL TERRITORIO - now GSPS-08/B SOCIOLOGIA DELL'AMBIENTE E DEL TERRITORIO

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree: Dottorato di ricerca in Scienze sociali, Scienze politiche, Giurisprudenza.

Subjects of the interview: Policies for the integration of refugees; Private sponsorship programs in Italy, France, and Germany; Migration policies in Europe; Measuring integration; methodology, indicators and challenges; Knowledge of Italian language.

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