Disclaimer: Please note that only the Italian version of the present call for applications, issued with Rector's Decree 4747 dated 14.11.2025, is legally binding, the English version is provided for informational purposes only. The original Italian version is available at https://unige.it/usg/it/dottorati-di-ricerca

Course: BIOENGINEERING AND ROBOTICS

In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: BIONANOTECHNOLOGY (CODE 11643)

Course Coordinator: Massobrio Paolo	
Department of Informatics, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi – DIBRIS)	
Places: 2 – **Grants**: 2 (*)	
(*) **Research topic n. 1:** 1 grant funded by The Italian Institute of Technology (IIT), the annual gross amount of the grant, including social security expenses to be paid by the recipient, is **€ 18.500** (*) **Research Topic n. 2:** 1 grant funded by The Italian Institute of Technology (IIT), the annual gross amount of the grant, including social security expenses to be paid by the recipient, is **€ 19.500**	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS
Further information on how to present qualifications/publications	Candidates must submit: - the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average of marks or equivalent indicator. - the specific research themes candidates want to be evaluated on (see the list of research themes listed below and on the doctorate website: https://biorob.phd.unige.it/how-to-apply); - a project proposal related to one (or more) of the research themes offered (please use the template available at the website: https://biorob.phd.unige.it/how-to-apply); - a curriculum vitae et studiorum including all the technical scientific studies/activities already done and pertinent to the doctoral programme; - endorsement letters (maximum 3) from university professors or recognized experts in the field supporting the candidate. - the Candidate Summary Profile form available at https://biorob.phd.unige.it/how-to-apply.
Research Themes	The following research themes are proposed: 1. Smart Microscopy with Event-Based Detectors and Adaptive Imaging Integration 2. Micro and nanoplastic characterization and their impact on human health For further details check: https://biorob.phd.unige.it/how-to-apply https://www.iit.it/phd
Information on references	Candidates must choose not less than one and not more than three referees to endorse their candidature. The referees must be university professors or recognized experts in the field, and must send the reference letters (specifying their name, role and affiliation), within the deadline of the public notice to https://bit.ly/BIOROB_25_26.
Foreign Languages	English
Further Information	- The detailed description of the research themes can be found at the following links: https://biorob.phd.unige.it/how-to-apply https://www.iit.it/phd - The template for the research project can be found at the following link: https://biorob.phd.unige.it/how-to-apply - The candidate summary profile form can be found at the following link: https://biorob.phd.unige.it/how-to-apply For further information about the research themes please contact: Dr. Giuseppe Vicidomini (IIT) giuseppe.vicidomini@iit.it

Course: BIOENGINEERING AND ROBOTICS
In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: ROBOTICS AND AUTONOMOUS SYSTEMS (CODE 11644)

Course Coordinator: Massobrio Paolo	
Department of Informatics, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi – DIBRIS)	
Places: 2 – **Grants**: 2 (*)	
(*) 2 grants funded by Università degli Studi di Genova, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is **€ 17.500**	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS
Further information on how to present qualifications/publications	Candidates must submit: - the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average of marks or equivalent indicator. - the specific research themes candidates want to be evaluated on (see the list of research themes listed below and on the doctorate website: https://biorob.phd.unige.it/how-to-apply); - a project proposal related to one (or more) of the research themes offered (please use the template available at the website: https://biorob.phd.unige.it/how-to-apply); - a curriculum vitae et studiorum including all the technical scientific studies/activities already done and pertinent to the doctoral programme; - endorsement letters (maximum 3) from university professors or recognized experts in the field supporting the candidate. - the Candidate Summary Profile form available at https://biorob.phd.unige.it/how-to-apply.
Research Themes	The following research themes are proposed: 1. Multi-drone load transportation 2. Dual Arm Manipulation for human-robot cooperative operations 3. Human-Robot Collaboration 4. Hierarchical, multi-domain task and motion planning approaches for robots 5. Active, distributed and recursive reasoning models for cognitive robots 6. LLM-Based approaches for diversity awareness applied to social robots in the educational sector 7. Multiparty Human-Robot Interaction 8. Social and Educational Robotics to Promote Socio-Emotional Skills and Inclusion in School Contexts 9. Theory of Mind-Based Planners and Foundational Models (LLM and VLAs) in Robots capable of Enhanced Persuasive Interaction 10. 3D Sonar Processing for Semi-Autonomous ROVs The detailed description of the research themes can be found at the following link: https://biorob.phd.unige.it/how-to-apply
Information on references	Candidates must choose not less than one and not more than three referees to endorse their candidature. The referees must be university professors or recognized experts in the field, and must send the reference letters (specifying their name, role and affiliation), within the deadline of the public notice, to https://bit.ly/BIOROB_25_26.
Foreign Languages	English

Further Information	- The detailed description of the research themes can be found at the following links: https://biorob.phd.unige.it/how-to-apply - The template for the research project can be found at the following link: https://biorob.phd.unige.it/how-to-apply - The candidate summary profile form can be found at the following link: https://biorob.phd.unige.it/how-to-apply For further information about the research themes please contact: Prof. Giorgio Cannata giorgio.cannata@unige.it

Course: CIVIL, CHEMICAL AND ENVIRONMENTAL ENGINEERING

Curriculum: STRUCTURAL AND GEOTECHNICAL ENGINEERING, MECHANICS AND MATERIALS (CODE 11645)

Course Coordinator: Massabò Roberta	
Department of Civil, Chemical and Environmental Engineering (Dipartimento di Ingegneria Civile, Chimica e Ambientale – DICCA)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by Department (DICCA), the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 17.500.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**23.01.2026, 9:00 am (CET)**, room A6 Polytechnic School, UNIGE, Via Montallegro 1, 16145 Genoa. Should there be a high number of candidates, the interviews will continue on the following working day. The interview may also take place electronically, on candidates' request or if necessary due to the health situation. Candidates requesting online interview must contact the doctoral secretarial staff (dottorato.dicca@unige.it) and Prof. Federica Tubino (federica.tubino@unige.it) at least 15 days before the evaluation. Candidates must have a reliable Internet connection to allow for the interview to be carried out. The list of candidates admitted to the interview will be posted on https://dicca.dottorato.unige.it/phd_call the day before at noon.
Further information on how to present qualifications/publications	The application (curriculum vitae) must contain Transcripts of Records, stating the courses attended and marks obtained throughout the candidate's university career (Bachelor and M.Sc. degrees; Laurea Triennale and Magistrale degrees). The transcripts of Records must be official documents released by the universities which awarded the degrees. Undergraduate candidates at the deadline of the public notice may submit further documentation, which they deem appropriate, in order to document their university career. The knowledge of foreign languages certified by an international certificate (TOEFL, CPE, CAE, FCE, etc.) attached to the cv will be an asset.
Exam Syllabus	The interview will be a detailed scientific discussion on the candidate's research project, Curriculum Vitae et Studiorum and qualifications/publications. The interview is also aimed at verifying that the candidate has adequate knowledge to deal with studies in the chosen curriculum.
Research Themes	The research themes are those of the curriculum in "Structural and Geotechnical Engineering, Mechanics and Materials"; they are described in details on the course web page: https://dicca.dottorato.unige.it/stmatgeo. The research project must be prepared on one of the Projects listed in https://dicca.dottorato.unige.it/phd_call for the curriculum. The project must be prepared under the guidance of the referent of the Project in the list above. The project, 10 pages maximum, must include a title (from the list above), the candidate's research interests and motivations, a short abstract, the State of the Art and relevant references, and the objectives of the research activity. Submitting projects that do not follow the instructions above will constitute grounds for exclusion from the competition.
Information on references	Candidates must choose at least one and no more than three referees to support their candidature. A reference letter from the member of the curriculum committee (https://dicca.dottorato.unige.it/stmatgeo) with whom the research project has been agreed is required. The referees must be university professors or experts in the subject. The reference letter must be sent personally by the referees, within the deadline of the public notice and using their institutional e-mail address, to the doctoral secretariat at dottorato.dicca@unige.it. If the referee is not a university professor, he/she must also send the Curriculum Vitae and a list of publications. The name, status and current position of the referees chosen by the candidate must be stated in the application. Submitting reference letters that are not presented as requested will constitute grounds for exclusion from the competition.
Foreign Languages	English
Further Information	https://dicca.dottorato.unige.it Prof. Federica Tubino federica.tubino@unige.it

Course: LAW

Curriculum: PHILOSOPHY OF LAW AND HISTORY OF LEGAL CULTURE (CODE 11646)

Course Coordinator: Ivaldi Paola	
Department of Law Studies (Dipartimento di Giurisprudenza – DIGI)	
Places: 15 (°) – **Grants**: 0	
(°) 15 positions for graduates holding grants from abroad (Foreign States)	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS
Further information on how to present qualifications/publications	From the CV and other documents enclosed the following data should result: a) University degree and the final note or qualification thereof; b) any other post-lauream degree (like, e.g., Master degrees); c) publications concerning one or more of the research topics of the present Curriculum, if any; d) research experiences and research and educational activities, if any.
Exam Syllabus	Candidates must submit, under penalty of exclusion from the competition, a research project (maximum 10000 characters, spaces and essential bibliographical references included, under penalty of exclusion from the competition) on a research topic singled out in the following box. The project must contain, under penalty of exclusion from the competition, a clear statement of the topic, goals, and stages of the research activity, along with essential bibliographical references. The research project can be written, on the candidate's choice, in Italian, French, English, Spanish, or Portuguese.
Research Themes	• Legal Philosophies • Legal Reasoning • Theory of Legal Language • Theories of Legal Interpretation • Theory of Legal Sources • General Theory of Law and State • Constitutional Interpretation • Logic and Legal Argumentation • History and Theories of Legal Dogmatics • History and theory of norms and legal systems • Juridical Enlightenment and Codification Ideologies • History of justice and ideologies of jurisdiction • History of Legal Culture and Thought • Welfare State: history and theory • History of commercial law and legal-commercial culture • History of criminal law and legal-criminal culture • History and Theories of Subjective Rights • Family law: history and culture • Law and Culture • Law and Social Change • Philosophies of Punishment • Epistemology and Theory of Legal Science • Natural Law and Legal Positivism • Feminist Theories of Law • Equality, Poverty, Welfare State, Regulation and Deregulation • Law, Constitutions and Constitutionalism • Bioethics and Legal Philosophy • Sociology of Law and History of Legal-Sociological Thought • Economic Analysis of Law • Environmental Jurisprudence
Information on references	Candidates must provide up to three letters of reference (minimum one) supporting their application. The letters must be written by Academics, or Experts, in the research topics of the Curriculum. They will send their letter of reference, with-in the deadline established in the Call, directly to the following address: pierluigi.chiassoni@unige.it, and to dottorato.diritto@unige.it. In their application form, candidates must point out the name, the qualification, and the workplace of the persons that will write reference letters for them.

Foreign Languages	English, Spanish
Further Information	During the three-year period (preferably, during the second year) PhD students must spend at least 6 months abroad, or in Italy at international training center, to carry out in-depth studies in their respective fields of research. Destinations, modalities and timing should be agreed upon with the tutors, and the relevant project must be approved by the "Collegio dei docenti" (Board of Teachers). Strict fulfillment of this obligation must be substantiated with appropriate documentation, which must be submitted to the "Collegio dei docenti", at the latest at the meeting for admission to the final examination. In any case, a minimum fraction of three months, within the total training period of six, must take place abroad. Referente del curriculum / Curriculum coordinator: Prof. Pierluigi Chiassoni pierluigi.chiassoni@unige.it Referente amministrativo / Curriculum secretary: dott.ssa Stefania Lavezzo dottorato.diritto@unige.it

Course: ECONOMICS AND QUANTITATIVE METHODS
(CODE 11647)

Course Coordinator: Piga Claudio Antonio Giuseppe	
Department of Economics (Dipartimento di Economia – DIEC)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by Regione Liguria, Ufficio Programmazione; the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16,500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**20.01.2026 – ore 10:00** on TEAMS channel
Exam Syllabus	Discussion on the candidate's CV and of the submitted Research Project. The discussion will be held in English
Research Themes	a) The research project for 1 grant funded by Regione Liguria must be based on the following general area of research: "REGIONAL ECONOMICS AND PREDICTIVE MICRO AND MACRO-ECONOMIC MODELS TO ESTIMATE THE REGIONAL GDP OR OTHER VARIABLES AT A SECTORIAL LEVEL". The candidates for this grant must submit a research project in English that focuses on specific themes related to the general research area, illustrate the theoretical foundations presented in the literature and discuss the quantitative methods they plan to adopt to develop their investigation of the chosen theme, with particular reference to the creation, reinforcement, updating, and application of macroeconomic models for the regional economies.
Information on references	Send one reference letters in support of application to the following e-mail address: dottoratodiec@economia.unige.it
Foreign Languages	English
Further Information	The successful candidate can opt to spend up to 6 months visiting a foreign university or a foreign research institute. Such a period can be extended to 9 months prior approval by the PhD Council Board. During such periods, the scholarship will be increased by 50%. The grant recipient will also receive a yearly research fund, worth 10% of the gross value of each type of grant, to support research travel, conference and summer school attendance. For further information https://eqm.phd.unige.it/en

Course: INFORMATICA E INGEGNERIA DEI SISTEMI/COMPUTER SCIENCE AND SYSTEMS ENGINEERING

Curriculum: INFORMATICA/COMPUTER SCIENCE (CODE 11648)

Course Coordinator: Delzanno Giorgio	
Department of Informatics, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi – DIBRIS)	
Places: 1 - **Grant:** 1 (*)	
(*) 1 grant funded by the Italian Institute of Technology (IIT); the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 19.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	Interviews are scheduled on **22.01.2026 at 9.00 AM (CET)** at DIBRIS, via Dodecaneso 35, Genoa. The schedule of video conference interviews will be fixed according to the availability of the commission members.
Further information on how to present qualifications and publications	**Curriculum vitae:** candidates must present a curriculum vitae with clear indications on the qualifications acquired with relative grades, research experience, publications, awards and work experience. **Research project:** candidates must submit a research project with clear indication of the following information: type of grant, research theme or macro-theme (see specific section of this notice); reference to a research group involved in the PhD program, **Instructions and suggestions** for the submission of the research proposal are available at the URL https://csse.phd.unige.it/admission
Exam Syllabus	The comparative procedure consists of - an assessment of the candidate qualifications - an interview to verify background and knowledge of the candidate as well as motivations and goals of the research proposal submitted with the application.
Research Themes	The research project must contain a clear indication of the type of grant of interest to the candidate, the research topic, and a DIBRIS research group of reference. **Specific research topics for grants funded by external organizations:** N. 1 grant funded by Italian Institute of Technology (IIT), research theme *"*Integration of multimodal data sources for 3D Genome reconstruction*"*. For **more details** (abstracts/contacts), refer to the URL: https://csse.phd.unige.it/admission
Information on references	Candidates must choose no less than one and no more than three contact persons to support their candidacy. The referees must be university professors or experts in the field. They must upload a recommendation letter, specifying their name, role using the following form: bit.ly/CSSE_25_26 It is the responsibility of the referees to send the reference letters by the deadline for the call. The reference letter template is available at the URL: https://csse.phd.unige.it/admission
Language	English

Course: MODELS, MACHINES AND SYSTEMS ENGINEERING FOR ENERGY, THE ENVIRONMENT AND TRANSPORT

Curriculum: MACHINE AND SYSTEMS ENGINEERING FOR ENERGY, THE ENVIRONMENT AND PROPULSION (CODE 11649)

Coordinator: Daniele Simoni	
Department of Mechanical, Energetics, Management and Transport Engineering (Dipartimento di Ingegneria meccanica, energetica, gestionale e dei trasporti – DIME)	
Places: 1 (°) – **Grants**: 0	
(°) 1 position with research assignments within Program HORIZON TMA MSCA Doctoral Networks	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS
Further information on how to present qualifications/pubblications	Candidates must declare in the curriculum vitae et studiorum that they not have been already awarded a Phd degree prior to the date of recruitment, and that they satisfy the 'mobility rule': they must not have resided or carried out their main activity (work, study etc.) in Italy for more than 12 months in the three years prior to the date of recruitment.
Research Themes	The research topics of the Curriculum concern the production of energy and aeronautical propulsion with systems for pressure gain combustion. They have an experimental, numerical and theoretical nature on the topics: 1. Turbomachinery and combustors for power generation and aeronautical propulsion: - flow analysis in plant components and turbomachinery; - study of combustion processes; - analysis of blade cooling systems; 2.: Thermoeconomics applied to energy systems: - development of reduced order models; - development of component cost correlations; - analysis and optimization of complex and innovative systems for energy production. - off-design performance - hybridization with fuel as storage option (H2/NH3/Biomethane) The topics dealt with the combustion processes, with the thermodynamic, fluid-dynamic and heat exchange modelling aspects linked to numerical processing.
Specific requirements	Mechanical, Aeronautical, Energy, Nuclear, Electrical or Industrial Engineering, Chemistry, Mathematics and possess basic knowledge of Energy Engineering in accordance with the specific topic.
Foreign Languages	English
Further Information	Further Information please contact the Coordinator of the Doctoral Course Prof. Daniele Simoni daniele.simoni@unige.it Candidates must not have been already awarded a Phd degree prior to the date of recruitment, and that they satisfy the 'mobility rule': they must not have resided or carried out their main activity (work, study etc.) in Italy for more than 12 months in the three years prior to the date of recruitment.

Course: MECHANICAL, ENERGY AND MANAGEMENT ENGINEERING

Curriculum: MECHANICS, MEASUREMENTS AND MATERIALS (CODE 11650) [1]

Course Coordinator: Berselli Giovanni	
Department of Mechanical, Energetics, Management and Transport Engineering (Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti – DIME)	
Places: 1 – **Grants:** 1 (*)	
(*) 1 grant funded by Ansaldo Spa, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 18.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	23.01.2026 - 10:00am at the Department of Mechanical, Energy, Management and Transport Engineering (DIME), MEC section, via All'Opera Pia 15 / a, Genoa or online. The interview can take place on a motivated request also electronically (video conference via MsTeams) by contacting in time the curriculum contact person, Prof. Giovanni Berselli (giovanni.berselli@unige.it), specifying the candidate's name and surname and the curriculum to which the request refers (in this case MMM)
Further information on how to present qualifications/publications	The qualifications/publications must contain a detailed explanation and the development plan of how to present a possible research project, quoting the Mechanics, Measurements and Materials (MMM) syllabus, and the field qualifications/publications it refers to, in order to evaluate the candidate's ability to organize and carry out research. If admitted to the doctoral course, the candidate will generally carry out his/her activity within the syllabus chosen for his/her project, but not necessarily on the specific activities described and planned in the actual project.
Exam Syllabus	The interview will focus on the discussion of the project, the qualifications presented by the candidate and on all the specific themes bound to the Mechanics, Measurements And Materials curriculum (MMM).
Research Themes	The Mechanics, Measurements and Materials (MMM) syllabus focuses on research themestypical of the Macrosectors it refers to. In particular the research themes suggested concern the functional and constructive design sector, CAD, CAE, PLM, PDM, additive manufacturing (polymer-based metals and composites (machine and material methods in combination), the mechanic behaviour of materials, materials and implants for medical, industrial and marin applications, calculus modelling and applications of composite components also for orthotics and biomedical applications, environmental compatibility and recycling, mechanical and mechatronic systems, motor vehicles, railway vehicles, airplanes, mechanical automation, working, raising and transport systems, lubrification, vibrations and noise, sound quality, experimental methods, diagnostics and qualifying of machines and components, monitoring and maintenance, reliability, reverse logistics.
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the Coordinator Prof. Giovanni Berselli, at giovanni.berselli@unige.it. The name, status and service place of the referees chosen by the candidates must be stated in their applications.
Foreign Languages	English
Further Information	Coordinator of the PhD IMEG course: Prof. Giovanni Berselli DIME/MEC via all'Opera Pia 15/A 16145 Genova (+39) 0103352839 giovanni.berselli@unige.it Contact person for the MMM curriculum: Prof. Giovanni Berselli DIME/MEC via all'Opera Pia 15/A 16145 Genova (+39) 0103352309 giovanni.berselli@unige.it

[1] Curriculum added after the publication of the Notice of competition (D.R. 4747 dated 14.11.2025)

Course: MECHANICAL, ENERGY AND MANAGEMENT ENGINEERING

Curriculum: ROBOTICS AND MECHATRONICS (CODE 11651)

Course Coordinator: Berselli Giovanni	
Department of Mechanical, Energetics, Management and Transport Engineering (Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti – DIME)	
Places: 1 (°) – **Grants**: 0	
(°) 1 place reserved to foreign state fellows	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	23.01.2026 - 10:00 am at the Department of Mechanical, Energy, Management and Transport Engineering (DIME), MEC section, via All'Opera Pia 15 / a, Genoa or online. The interview can take place on a motivated request also electronically (video conference via MsTeams) by contacting in time the resume contact person, Prof. Matteo Zoppi (matteo.zoppi@unige.it) and for information the coordinator of the doctorate Prof. Giovanni Berselli (giovanni.berselli@unige.it) specifying the candidate's name and surname and curriculum vitae to which it refers (RM)
Further information on how to present qualifications/publications	The qualifications/publications must contain a detailed explanation and the development plan of how to present a possible research project, quoting the Robotics and Mechatronics (RM) syllabus, and the field qualifications/pubblications it refers to, in order to evaluate the candidate's ability to organize and carry out research. If admitted to the doctoral course, the candidate will generally carry out his/her activity within the syllabus chosen for his/her project, but not necessarily on the specific activities described and planned in the actual project.
Exam Syllabus	The interview will focus on the discussion of the project, the qualifications presented by the candidate and on all the specific themes bound to the Robotics and Mechatronics curriculum (RM).
Research Themes	The Robotics and Mechatronics (RM) syllabus focuses on research themes typical of the Macrosectors it refers to. In particular the research themes suggested concern the devel opment of robot and manipulation, switch systems, home automation (domotics), remote manipulation, modular robots and robots for safety, intelligent mini-vehicles, assembly systems, fluid automation; models and simulation of systems for robotics and mechatronics, man-machine interaction, collaborative robotics, cooperative robotics, robot programming, integration of robotic systems, mechatronics for the automatic machine sectors and for the mechanical and marine mechanical industry. Characteristics of scholarships funded by external bodies:
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the Coordinator Prof. Luca A. Tagliafico at the following address tgl@ditec.unige.it and to the contact person for the curriculum RM, Prof. Matteo Zoppi, at matteo.zoppi@unige.it The name, status and service place of the referees chosen by the candidates must be stated in their applications.
Foreign Languages	English
Further Information	Coordinator of the PhD IMEG course: Prof. Giovanni Berselli DIME/MEC via all'Opera Pia 15/A 16145 Genova (+39) 0103352839 giovanni.berselli@unige.it Contact person for the RM curriculum: Prof. Matteo Zoppi DIME/MEC via all'Opera Pia 15/A 16145 Genova (+39) 0103352964 matteo.zoppi@unige.it

Course: MECHANICAL, ENERGY AND MANAGEMENT ENGINEERING

Curriculum: TECHNOLOGIES AND PLANTS (CODE 11652) [1]

Course Coordinator: Berselli Giovanni	
Department of Mechanical, Energetics, Management and Transport Engineering (Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti – DIME)	
Places: 1 (°) – **Grants**: 0	
(°) 1 place reserved to employees of Sitav Spa	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	23.01.2026 - 10:00 am at the Department of Mechanical, Energy, Management and Transport Engineering (DIME), MEC section, via All'Opera Pia 15 / a, Genoa or online. The interview can take place on a motivated request also electronically (video conference via MsTeams) by contacting in time the resume contact person, Prof. Enrico Lertora (enrico.lertora@unige,it) and for information the coordinator of the doctorate Prof. Giovanni Berselli (giovanni.berselli@unige.it) specifying the candidate's name and surname and curriculum vitae to which it refers (TI)
Further information on how to present qualifications/publications	The qualifications/publications must contain a detailed explanation and the development plan of how to present a possible research project, quoting the Technologies and Plants (TP) syllabus, and the field (TP.1 or TP.2) it refers to, in order to evaluate the candidate's ability to organize and carry out research. If admitted to the doctoral course, the candidate will generally carry out his/her activity within the syllabus chosen for his/her project, but not necessarily on the specific activities described in the actual project.
Exam Syllabus	The interview will focus on the discussion of the project, the qualifications presented by the candidate and on all the specific themes bound to the Technology and Plants curriculum (TP)
Research Themes	The Technologies and Plants (TP) syllabus focuses on research themes typical of the macro-sectors it refers to. It is organized into two specializations: TP.1 Processing Technologies and Systems Specialization: -Analysis of the variables that influence the mecchanical and micro-structural characteristics of welded joints implemented with traditional and innovative techniques. -Study of the potential of robotic welding plants. -Singling out of solutions that allow the obtaining of glued joints with adequate characteristics (study of the surface preparation methods, analysis of the behaviour of adhesives in different environmental conditions). -Study of the problems concerning the fine-tuning and monitoring of the processing of metallic and non-metallic materials. -Study and singling out of construction techniques of moulds for polymeric materials. -Surface analysis and fine-tuning of techniques to obtain the desired degree of finishing and chemical reactivity. TP.2 Industrial Plants Specialization: -Design and management of production processes. -Technical and economic assessments of Engineering and industrialization of new products and production cycles. -Industrial sustainability, quality, safety, remanufacturing, demanufacturing. -Manufacturing strategies: Lean Manufacturing, World Class Manufacturing, Agile Manufacturing. -Industrial logistics. -Life Cycle Assessment of plants and processes. -Key enabling technology 4.0 for production and industrial plants: simulation, IoT, augmented and virtual realities, manufacturing analytics. The activities that will be carried out within the doctoral course aim at training young researchers to be capable of developing theoretical and experimental research starting from the analysis of the state of the art and autonomously developing innovative solutions.
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the Coordinator Prof. Giovanni Berselli at the following address giovanni.berselli@unige.it and to the contact person for the curriculum TP, Prof. Enrico Lertora, at enrico.lertora@unige.it The name, status and service place of the referees chosen by the candidates must be stated in their applications.

Foreign Languages	English
Further Information	Coordinator of the PhD IMEG course: Prof. Giovanni Berselli DIME/MEC via all'Opera Pia 15/A 16145 Genova (+39) 0103352839 giovanni.berselli@unige.it Contact person for the Technology and Plants - TP curriculum: Prof. Enrico Lertora DIME/ITIMAT via all'Opera Pia 15 16145 Genova (+39) 0103352964 enrico.lertora@unige.it

[1] Curriculum added after the publication of the Notice of competition (D.R. 4747 dated 14.11.2025)

Course: MATHEMATICS AND APPLICATIONS

Curriculum: MATHEMATICAL METHODS FOR DATA ANALYSIS (CODE 11653)

Course Coordinator: Bettin Sandro	
Department of Mathematics (Dipartimento di Matematica – DIMA)	
Places: 2 – **Grants**: 2 (*)	
(*) 1 grant funded by the Department (DIMA), with funds from the project AFOSR, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500. (*) 1 grant funded by the Regione Liguria, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**26.1.2026 - ore 10:00am (Italian time)** All interviews will be held either in person or via Microsoft Teams (or an equivalent platform). In due course, candidates will be contacted by the evaluation committee.
Further information on how to present qualifications/publications	In addition to the documentation required by the call, applicants must submit (to be uploaded online) their Master's thesis, if available. Furthermore: - The CV must include the exam grades from both the bachelor's and master's degrees.; - The project must indicate the research theme(s) for which the application is intended. Furthermore, the research project, which must be no longer than 2 pages, should contain a description of the area of interest in which the doctoral program will be pursued and, if possible, suggest some research ideas or objectives. The alignment with the research topics indicated in the call will also be evaluated.
Exam syllabus	The comparative assessment procedure consists in the assessment of qualifications/publications and in interview on the research project presented by the candidate.
Research themes	**Research theme n. 1 –** Towards a Learning theory of continuous-time dynamical systems ***Abstract*** – This project will develop a learning theory for continuous-time dynamical systems, extending the classical framework of statistical learning theory beyond the setting of independent and identically distributed data. The goal is to establish the foundations of efficient learning in this context by characterizing the classes of dynamical systems that can be learned with non-asymptotic guarantees. The research will analyze the interplay between dynamical properties, statistical complexity, and sample efficiency, and will provide a theoretical basis for principled algorithms capable of learning from trajectories rather than independent samples. **Research theme n. 2 –** Enhancement of Mandatory Communications as a Tool for Labor Market Analysis: Development of a Mathematical-Statistical Methodology ***Abstract*** – The objective of the project is to transform the Mandatory Communications (CO) archive from an administrative tool into a structured and integrated statistical source, capable of supporting the monitoring, forecasting, and evaluation of the dynamics of the Italian labor market. To this end, the project aims to develop and validate statistical and mathematical models, in particular to: 1- Produce descriptive statistics from the current CO database. 2- Integrate the CO archive with other databases, not only related to the labor market. 3- Build predictive and continuous-flow analysis models to identify signals of recovery and/or decline, providing forecasts at the individual unit level and not only at aggregated levels. 4- Develop mathematical-statistical methodologies to test the significance of the labor force.
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the e-mail address: dottorato.matematica@unige.it. The name, status and service place of the referees chosen by the candidates must be stated in their applications.
Foreign languages	English

Further information	Prof. Sandro Bettin Dipartimento di Matematica, Università di Genova via Dodecaneso 35 16146 Genova GE E-mail: sandro.bettin@unige.it

Course: TRANSLATIONAL AND CLINICAL INTERNAL MEDICINE

Curriculum DISEASES OF THE CARDIOVASCULAR AND RESPIRATORY SYSTEMS (CODE 11654)

Course Coordinator: Ameri Pietro	
Department of Internal Medicine and Medical Specialities (Dipartimento di Medicina Interna e Specialità Mediche – DIMI)	
Places: 1 – **Grants**: 0	
Comparative assesment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	The interview will be held only in presence, **on 22.01.2026 at 9.00 AM Rome time** in the conference room of the Department of Internal Medicine and Medical Specialties of the University of Genova
Further information on how to present qualifications/publications	**QUALIFICATIONS/PUBLICATIONS** A **cover letter** is mandatory, maximum two pages: - one page presenting a research project on the research topics listed below, to be developed during the PhD program - one page describing the motivations, expectations, and goals for the PhD program **INTERVIEW** The candidate will be evaluated with respect to the following items: • Knowledge of the scientific literature regarding the research topics • Commitment • Overall understanding of the research area • Previous research experience • Ability to independently carry out a research project • Ability to work in a team If the interview is not held in English, English proficiency will be assessed by reading and translating an extract of a scientific article.
Research topics	Cardiovascular and respiratory diseases, with special attention to: • ischemic heart disease • heart failure, including specific underlying cardiomyopathies and pulmonary hypertension • interactions between cancer and cardiovascular disease (cardio-oncology) • severe asthma • chronic obstructive pulmonary disease • interstitial lung disease • allergology and rare immune-mediated pulmonary diseases.
References	Applicants may indicate up to three academic mentors or scientific experts in support of their application. The relevant reference letters should be sent to the Coordinator of the Course, Prof. Pietro Ameri, email: pietroameri@unige.it, ricercadimi@unige.it and Prof. Giovanni Passalacqua: passalacqua@unige.it. Note that reference letters do not confer any advantage or additional points during the evaluation process.
Foreign language	English
For further information	Please contact: Prof. Pietro Ameri, email: pietroameri@unige.it Prof. Italo Porto, email: italo.porto@unige.it Prof. Giovanni Passalacqua, email: passalacqua@unige.it

Course: TRANSLATIONAL AND CLINICAL INTERNAL MEDICINE

Curriculum: TRANSLATIONAL ONCOLOGY (CODE 11655)

Course Coordinator: Ameri Pietro	
Department of Internal Medicine and Medical Specialities (Dipartimento di Medicina Interna e Specialità Mediche – DIMI)	
Places: 2 (°) – **Scholarship**: 1 (*) **[1]**	
(*) 1 grant funded by Department (DIMI) within the EU-funded project Aircare (Horizon 101137426); the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500 Title of the funded project: Early diagnosis of the upper aerodigestive tract tumors: from bioendoscopy to artificial intelligence (°) 1 place reserved for an employee of IRCCS Ospedale Policlinico San Martino **[1]**	
Comparative assesment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	The interview will be held only in presence, **on 22.01.2026 at 9.00 AM Rome time** in the conference room of the Department of Internal Medicine and Medical Specialties of the University of Genova
Further information on how to present qualifications/publications	**QUALIFICATIONS/PUBLICATIONS** A **cover letter** is mandatory, maximum two pages: - one page presenting a research project on the research topics listed below, to be developed during the PhD program - one page describing the motivations, expectations, and goals for the PhD program **INTERVIEW** The candidate will be evaluated with respect to the following items: • Knowledge of the scientific literature regarding the research topics • Commitment • Overall understanding of the research area • Previous research experience • Ability to independently carry out a research project • Ability to work in a team If the interview is not held in English, English proficiency will be assessed by reading and translation of an extract of a scientific article.
Research topics	- Study of the molecular factors that are prognostic and predictive of response in solid neoplasms - Pre-clinical and clinical trials in translational oncology - Innovative therapeutic approaches in solid tumors and hematological neoplasms - Study of the effects and treatments of nutritional deficiencies and frailty in patients with cancer - Non-pharmacological general interventions to support patients with cancer, including rehabilitation - Innovations in diagnostic endoscopy of the upper aerodigestive tract (UADT) - Bioendoscopy for early diagnosis of squamous cell carcinomas of the UADT - Use of artificial intelligence for early diagnosis of squamous cell carcinomas of the UADT - Treatment of squamous cell carcinomas of the UADT
References	Applicants may indicate up to three academic mentors or scientific experts in support of their application. The relevant reference letters should be sent to the Coordinator of the Course, Prof. Pietro Ameri, email: pietroameri@unige.it, ricercadimi@unige.it, and to Prof. Alberto Ballestrero, email: aballestrero@unige.it, or Prof. Giorgio Peretti, email: giorgio.peretti@unige.it. Note that reference letters do not confer any advantage or additional points during the evaluation process.
Foreign language	English
For further Information	Please contact: Prof Alberto Ballestrero, email: aballestrero@unige.it Prof. Lucia Del Mastro, email: lucia.delmastro@unige.it

[1] Reserved position added after the publication of the Notice of competition (D.R. 4747 dated 14.11.2025)

Course: NEUROSCIENCES

In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: NEUROSCIENCES AND NEUROTECHNOLOGIES (CODE 11656)

Coordinator: Nobili Lino	
Dipartimento di Neuroscienze, riabilitazione, oftalmologia, genetica e scienze materno-infantili (DINOGMI)	
Places: 4 – **Grants**: 4 (*)	
(*) 2 grants funded by the Italian Institute of Technology (IIT), the annual gross amount of the grant, including social security expenses to be paid by the recipient is € 19.500 (*) 2 grants funded by the Italian Institute of Technology (IIT), the annual gross amount of the grant, including social security expenses to be paid by the recipient is € 18.500	
Methods of comparative evaluation	QUALIFICATIONS/PUBLICATIONS
Further information on how to prepare the application	The following documents must be sent as described in the call text: a) title and brief description of the degree thesis; b) list of exams taken, with marks; c) postgraduate research activities (including abstracts at conferences and scientific publications); d) an original research project in English signed by the candidate, on Neuroscience topics related to the research topics of the call, of a maximum of 10 pages (Arial 11 character). The project must include: Background and Rationale, Experimental Plan, Expected Results, Timeline of the Project, References; e) names, qualification and affiliation of the referees, not less than 1 and not more than 3, who must send the reference letters on the candidate directly to the following mail address: rossana.ciancio@iit.it f) declaration of knowledge of English as used in the PhD school.
Research themes	IIT provides a description of research themes at www.iit.it/phd 1) *Human visual processing of complex real-world information* (€ 19.500) Tutor: Peter Neri peter.neri@iit.it 2) *Neural Mechanisms of Flexible Behavior* (€ 18.500) Tutor: Angelo Forlì angelo.forli@iit.it 3) *Neural Mechanisms of Flexible Behavior* (€ 18.500) Tutor: Angelo Forlì angelo.forli@iit.it 4) *Psychophysical models of the modular visual system of jumping spiders* (€ 19.500) Tutor: Peter Neri peter.neri@iit.it
Information about references	Candidates must choose not less than one and not more than three Referees to support their application. These contacts must be University professors or experts in the field. The Referees must be responsible for sending the reference letters as pdf files, within the deadline of the call, to the contact person of the Curriculum in Neuroscience and Brain Technologies, Prof. Fabio Benfenati, to the following mail address: rossana.ciancio@iit.it In the application, candidates have to list the name, position and affiliation of the chosen Referees.
Foreign language	English
Further information	For further information, please write to: rossana.ciancio@iit.it

Course: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate

Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: AGRIFOOD (CODE 11657)

<table>
<tr><td colspan="2">Coordinator: Sgorbissa Antonio</td></tr>
<tr><td colspan="2">Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)</td></tr>
<tr><td colspan="2">Places: 1 – Grants: 1 (*)</td></tr>
<tr><td colspan="2">(*) <u>Research Topic n. 1</u>, 1 grant funded by the National Research Council of Italy, CNR-STIIMA, the annual amount of the grant, gross of social security contributions payable by the recipient, is <u>€ 16.500</u>.</td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS AND INTERVIEW

20.01.2026 at 10:00 (CET)

More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview

Candidates are ranked separately for each research Topic they applied.

Step 1 – Assessment of qualifications (maximum 60 points).
Candidates are ranked on the basis (not in order or relevance) of their student career, Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters.

Candidates are admitted to Step 2 if their score is greater than or equal to 40 points.

Step 2 – Oral examination (maximum 60 points).
The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

The oral examination for each research Topic is passed if the score is greater than or equal to 40 points.

The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to).</td></tr>
<tr><td>Further information on how to present qualifications/publications</td><td>Candidates <u>must</u>:

– submit the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator);

– specify up to three research Topics of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it));

– submit a motivation letter (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ;

– submit a Curriculum Vitae including all the technical scientific studies/activities already done and pertinent to the doctoral program;

– submit up to 3 recommendation letters from university professors or recognized experts in the field supporting the candidate.</td></tr>
</table>

Research Topics	1. HARNESSING ROBOTICS AND AI FOR IN-FIELD CROP MONITORING AND ASSESSMENT – CNR-STIIMA For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it) - for other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

Corso: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate
Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: AUTONOMOUS SYSTEMS (CODE 11658)

<table>
<tr><td colspan="2">Coordinator: Sgorbissa Antonio</td></tr>
<tr><td colspan="2">Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)</td></tr>
<tr><td colspan="2">Places: 3 – Grants: 3 (*)</td></tr>
<tr><td colspan="2">(*) <u>Research Topic n. 1 and n. 2</u>, 2 grants funded by the Italian Automotive Research Center Foundation -AI4I, the annual amount of the grant, gross of social security contributions payable by the recipient, is <u>€ 19.500</u>.

(*) <u>Research Topic n. 3,</u> 1 grant funded by the University of Cagliari, the annual amount of the grant, gross of social security contributions payable by the recipient is <u>€ 16.500</u>.</td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS AND INTERVIEW

26.01.2026 at 10:00 (CET)

More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview

Candidates are ranked separately for each research Topic they applied.

Step 1 – Assessment of qualifications (maximum 60 points).
Candidates are ranked on the basis (not in order or relevance) of their student career, Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters.

Candidates are admitted to Step 2 if their score is greater than or equal to 40 points.

Step 2 – Oral examination (maximum 60 points).
The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

The oral examination for each research Topic is passed if the score is greater than or equal to 40 points.

The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to).</td></tr>
<tr><td>Further information on how to present qualifications/publications</td><td>Candidates <u>must</u>:

– submit the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator);

– specify up to three research Topics of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it));

– submit a motivation letter (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ;

– submit a Curriculum Vitae including all the technical scientific studies/activities already done and pertinent to the doctoral program;

– submit up to 3 recommendation letters from university professors or recognized experts in the field supporting the candidate;</td></tr>
</table>

Research Topics	1. SAFE GENERATIVE MODELS FOR CONTROL VIA DIFFERENTIAL GEOMETRY AND CONTROL THEORY – AI4I 2. GEOMETRIC OPTIMAL CONTROL FOR GENERATIVE MODELS OF PHYSICAL SYSTEMS -AI4I 3. SECURITY AND RESILIENCE OF NETWORKED DYNAMICAL SYSTEMS UNDER ADVERSARIAL CONDITIONS – UNIVERSITY OF CAGLIARI For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it) - for other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

Corso: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate
Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: HEALTHCARE AND WELLNESS OF PERSONS (CODE 11659)

<table>
<tr><td colspan="2">Coordinator: Sgorbissa Antonio</td></tr>
<tr><td colspan="2">Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)</td></tr>
<tr><td colspan="2">Places 1 – Grants: 1 (*)</td></tr>
<tr><td colspan="2">(*) <u>Research Topics n. 1</u>, 1 grant funded by Scuola Superiore Sant'Anna, (Project INAIL: PR23-PAS-P4 – ADJOINT2 Sensorised osseointegrated implants for the treatment of hand finger amputations CUP: E57G23000160005) the annual amount of the grant, gross of social security contributions payable by the recipient, is <u>€ 19.500</u>.</td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS AND INTERVIEW

19.01.2026 at 10:00 (CET)

More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview

Candidates are ranked separately for each research Topic they applied.

Step 1 – Assessment of qualifications (maximum 60 points).
Candidates are ranked on the basis (not in order or relevance) of their student career, Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters.

Candidates are admitted to Step 2 if their score is greater than or equal to 40 points.

Step 2 – Oral examination (maximum 60 points).
The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

The oral examination for each research Topic is passed if the score is greater than or equal to 40 points.

The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to).</td></tr>
<tr><td>Further information on how to present qualifications/publications</td><td>Candidates <u>must</u>:

– submit the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator);

– specify up to three research Topics of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it));

– submit a motivation letter (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ;

– submit a Curriculum Vitae including all the technical scientific studies/activities already done and pertinent to the doctoral program;

– submit up to 3 recommendation letters from university professors or recognized experts in the field supporting the candidate;</td></tr>
</table>

Research Topics	1. TOUCH SENSING AND AI – SCUOLA SUPERIORE SANT'ANNA For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it) - for other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

Corso: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate
Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: HOSTILE AND UNSTRUCTURED ENVIRONMENTS (CODE 11660)

Coordinator: Sgorbissa Antonio

Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)

Places: 9 – **Grants**: 9 (*)

(*) **Research Topics n. 1 and n. 2**, 2 grants funded by the Italian Automotive Research Center Foundation -AI4I, the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topics n. 3**, 1 grant funded by the University of Trento (Project ERC-2024-STG, "Fluid gap Electro-Active-Polymer machines for a new generation of mechatronic systems – flEAP", CUP: E63C24001590006, Grant number: 101163668), the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 18.500**.

(*) **Research Topics n. 4**, 1 grant funded by Fincantieri S.p.A. (Project IPCEI CIS PNRR "Important Project of Common European Interest on Cloud Infrastructure and Services" cofinanced by the European Union – NextGenerationEU and by the Italian Ministry of Enterprises and Made in Italy (MIMIT), Concession Decree No. 1566, CUP: B99J24001080005), the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topic n. 5**, 1 grant funded by the Italian Institute of Technology, the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topic n. 6**, 1 grant funded by the Italian Institute of Technology, the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topic n. 7**, 1 grant funded by the Italian Institute of Technology, this position is funded by the Miranda (CUP **F83D24000430001**) and Quantum Lab projects, the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topic n. 8**, 1 grant funded by the University of Genova, the annual amount of the grant, gross of social security contributions payable by the recipient, is **€ 19.500**.

(*) **Research Topic n. 9**, 1 grant funded by the DIBRIS Department (partly on Project INTERREG IF Marittimo00226 FABBISOGNI E SOLUZIONI PER L'INTEGRAZIONE DELLE COMPETENZE SUBACQUEE - FABIS, CUP: D33C24001540007). The annual amount of the scholarship, gross of social security contributions payable by the recipient, is **€ 19.500**.

Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW **23.01.2026 at 09:00 (CET)** More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview Candidates are ranked separately for each research Topic they applied. **Step 1 – Assessment of qualifications** (maximum 60 points). Candidates are ranked on the basis (not in order or relevance) of their student career, Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters. Candidates are admitted to Step 2 if their score is greater than or equal to 40 points. **Step 2 – Oral examination** (maximum 60 points). The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

	The oral examination for each research Topic is passed if the score is greater than or equal to 40 points. The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to).
Further information on how to present qualifications/publications	Candidates **must**: – submit the **complete list of all the exams sat during their Bachelor's and Master's degree** and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator); – specify **up to three research Topics** of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it)); – submit **a motivation letter** (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ; – submit a **Curriculum Vitae** including all the technical scientific studies/activities already done and pertinent to the doctoral program; – submit **up to 3 recommendation letters** from university professors or recognized experts in the field supporting the candidate;
Research Topics	1. RIEMANNIAN GEOMETRY IN REINFORCEMENT LEARNING– AI4I 2. GEOMETRY AND PHYSICS-BASED INDUCTIVE BIAS FOR ROBUST AND EXPLAINABLE FOUNDATIONAL MODELS – AI4I 3. ELECTROSTATIC ZIPPING TRANSDUCERS FOR UNDERWATER OPERATION – UNIVERSITY OF TRENTO 4. ADVANCED NAVIGATION AND PERCEPTION FOR MOBILE ROBOTS AND COBOTS IN COMPLEX NAVAL ENVIRONMENTS – FINCANTIERI S.p.A. 5. NEUROMORPHIC ACTIVE EXPLORATION – ITALIAN INSTITUTE OF TECHNOLOGY 6. LEARNING ADAPTIVE ROBOTIC BEHAVIOR FOR MANIPULATION IN UNSTRUCTURED ENVIRONMENTS – ITALIAN INSTITUTE OF TECHNOLOGY . 7. MECHATRONIC DESIGN AND END-EFFECTOR DEVELOPMENT FOR INSPECTION AND MAINTENANCE MOBILE ROBOTS – ITALIAN INSTITUTE OF TECHNOLOGY 8. AERIAL DRONES FOR AUTONOMOUS INSPECTION OF PHOTOVOLTAIC PLANTS- UNIVERSITY OF GENOVA 9. ADVANCED NAVIGATION AND GUIDANCE SYSTEMS FOR AUTONOMOUS MARINE ROBOTS – DIBRIS, UNIVERSITY OF GENOVA For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it)

	- other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

Corso: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate
Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: INSPECTION AND MAINTENANCE OF INFRASTRUCTURES (CODE 11661)

<table>
<tr><td colspan="2">Coordinator: Sgorbissa Antonio</td></tr>
<tr><td colspan="2">Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)</td></tr>
<tr><td colspan="2">Places: 2 – Grant: 2 (*) [1]</td></tr>
<tr><td colspan="2">(*) <u>Research topic n. 1</u> 1 grant funded by WE SII S.r.l., the annual amount of the grant, gross of social security contributions payable by the recipient, is <u>€ 16.500</u>.

(*) <u>Research topic n. 2</u> 1 grant funded by the DIBRIS Department (Project PRIN 2022 CONCERTO – A COgNitive arChitecture for sEamless human-Robot inTeractiOn Codice 2022PAK3YF CUP: D53C24003700006), the annual amount of the scholarship, gross of social security contributions to be paid by the recipient, is <u>€ 19.500</u>. [1]</td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS AND INTERVIEW

23.01.2026 at 10:00 (CET)

More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview

Candidates are ranked separately for each research Topic they applied.

Step 1 – Assessment of qualifications (maximum 60 points).
Candidates are ranked on the basis (not in order or relevance) of their student career,
Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters.

Candidates are admitted to Step 2 if their score is greater than or equal to 40 points.

Step 2 – Oral examination (maximum 60 points).
The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

The oral examination for each research Topic is passed if the score is greater than or equal to 40 points.

The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to)</td></tr>
</table>

Further information on how to present qualifications/publications	Candidates **must**: – submit the **complete list of all the exams sat during their Bachelor's and Master's degree** and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator); – specify **up to three research Topics** of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it)); – submit **a motivation letter** (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ; – submit a **Curriculum Vitae** including all the technical scientific studies/activities already done and pertinent to the doctoral program; – submit **up to 3 recommendation letters** from university professors or recognized experts in the field supporting the candidate;
Research Topics	1. COMPUTER VISION AND AI APPLICATIONS FOR REMOTE SENSING OF PHOTOVOLTAIC PLANTS – WE SII S.r.l. 2. COOPERATIVE MODELS AND CONTROL IN HUMAN-ROBOT COLLABORATION SCENARIOS – UNIVERSITY OF GENOVA **[1]** For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it) - for other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

[1] Positions with grant added after the publication of the Notice of competition (D.R. 4747 dated 14.11.2025)

Corso: ROBOTICS AND INTELLIGENT MACHINES – Italian national doctorate
Dottorato di "interesse nazionale" in convenzione con Università degli Studi di BRESCIA, Università degli Studi di Cagliari, Università degli Studi della Campania "Luigi Vanvitelli", Università Campus Bio-Medico di Roma, Università degli Studi di CATANIA, Università degli Studi di NAPOLI Federico II, Università degli Studi di PALERMO, Politecnico di BARI, Scuola Superiore Sant'Anna, Istituto Italiano di Tecnologia (IIT), Fondazione centro di ricerca italiano per l'automotive (AI4I) e Consiglio Nazionale delle Ricerche (CNR)

Curriculum: MOBILITY AND AUTONOMOUS VEHICLES (CODE 11662)

<table>
<tr><td colspan="2">Coordinator: Sgorbissa Antonio</td></tr>
<tr><td colspan="2">Department of IT, Bioengineering, Robotics and Systems Engineering (Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi – DIBRIS)</td></tr>
<tr><td colspan="2">Places: 1 – Grants: 1 (*)</td></tr>
<tr><td colspan="2">(*) <u>Research topic no. 1</u>, 1 grant funded by the Italian Institute of Technology, this position is funded by the Miranda (CUP F83D24000430001) and Quantum Lab projects, the annual amount of the grant, gross of social security contributions payable by the recipient, is <u>€ 19.500</u></td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS AND INTERVIEW

23.01.2026 at 11:00 (CET)

More detailed information on the conduct of the interview will be sent via email to all candidates admitted to the interview

Candidates are ranked separately for each research Topic they applied.

Step 1 – Assessment of qualifications (maximum 60 points).
Candidates are ranked on the basis (not in order or relevance) of their student career, Curriculum Vitae, motivation letter, qualified scientific and technical skills, endorsement letters.

Candidates are admitted to Step 2 if their score is greater than or equal to 40 points.

Step 2 – Oral examination (maximum 60 points).
The Candidates are expected to discuss about their qualifications and scientific and technical skills, and to show their motivation and attitude for scientific research. Then they are interviewed on the research Topic(s) they have applied for (see below) receiving a specific score for each interview.

The oral examination for each research Topic is passed if the score is greater than or equal to 40 points.

The final score is the sum of the scores in Step 1 and Step 2 (for each research Topic the candidate applied to).</td></tr>
<tr><td>Further information on how to present qualifications/publications</td><td>Candidates <u>must</u>:

– submit the complete list of all the exams sat during their Bachelor's and Master's degree and/or equivalents (BS, Master) specifying the average marks (GPA or equivalent indicator);

– specify up to three research Topics of their interest (see the research Topics listed below and at Admission – Drim – Irim (i-rim.it));

– submit a motivation letter (Research project) related to one (or more) of the research Topics selected; use the template available at: Admission – Drim – Irim (i-rim.it) ;

– submit a Curriculum Vitae including all the technical scientific studies/activities already done and pertinent to the doctoral program;

– submit up to 3 recommendation letters from university professors or recognized experts in the field supporting the candidate;</td></tr>
</table>

Research Topics	1. RESILIENT SEMANTIC-DRIVEN NAVIGATION FOR MOBILE ROBOTIC PLATFORMS – ITALIAN INSTITUTE OF TECHNOLOGY For a complete description of the research Topics proposed check: Admission – Drim – Irim (i-rim.it)
Information on references	Candidates must choose no more than three recommenders to endorse their candidature. The recommenders must be university professors or recognized experts in the field, and must upload the recommendation letters (specifying their name, role and affiliation), within the deadline of the public notice, to: https://bit.ly/DRIM_25_26
Foreign Languages	English
Further Information	For more information about - the research Topics please check the contact person indicated in the project Topics description file available at: Admission – Drim – Irim (i-rim.it) - the doctorate rules and structure please check: RULES – Drim – Irim (i-rim.it) CURRICULA AND TOPICS – Drim – Irim (i-rim.it) - for other enquiries contact the Doctorate Secretary: phd_drim@unige.it A step-by-step guideline for the application is available here: Instructions for submitting Phd application

Course: HEALTH SCIENCES

Curriculum: INFECTIOUS AND TROPICAL DISEASES (CODE 11663)

Course Coordinator: Izzotti Alberto	
Department of Health Sciences (Dipartimento di Scienze della Salute – DISSAL)	
Places: 1 (°) - **Grants**: 0	
(°) 1 position reserved for Azienda Sociosanitaria Ligure n.5 (ASL 5) employees	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**16-01-2026 – at 11:00 am (CET)** remotely on Microsoft Teams
Further information on how to present qualifications/publications	Remember that by qualifications we mean the information contained in the application and in the curriculum vitae et studiorum, the research project, the further qualifications. The latter must not exceed ten pages each.
Exam Syllabus	The tests will focus on topics related to research topics.
Research Themes	1. Infection in the immunocompromised host: epidemiological, diagnostic and therapy. 2. Antibiotic resistance and nosocomial infections: surveillance, epidemiology and clinical management. 3. HIV infection: immunological changes, opportunistic infections, antiretroviral therapy. 4. Chronic liver disease HCV and related HBV 5. Tuberculosis: epidemiology and drug resistance
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the contact person of the Doctoral Course Prof. Matteo Bassetti at the following address: matteo.bassetti@unige.it The name, status and service place of the referees, chosen by the candidates, must be stated in their applications.
Foreign Languages	English
Further Information	Administrative contact person: Giuseppe Zara E-mail: giuseppe.zara@unige.it

Course: HEALTH SCIENCES

Curriculum: FORENSIC AND OCCUPATIONAL MEDICINE (CODE 11664)

Course Coordinator: Izzotti Alberto	
Department of Health Sciences (Dipartimento di Scienze della Salute – DISSAL)	
Places: 1 (°) - **Grants**: 0	
(°) 1 position reserved for IRCCS Policlinico San Martino employees	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**16-01-2026 – at 11:00 am (CET)** remotely on Microsoft Teams
Further information on how to present qualifications/publications	Remember that by qualifications we mean the information contained in the application and in the curriculum vitae et studiorum, the research project, the further qualifications. The latter must not exceed ten pages each.
Exam Syllabus	The tests will focus on topics related to research topics.
Research Themes	**Legal Medicine Topics:** 1) Management of medico-legal litigation in the health sector, with particular reference to damage from medical error and to the evaluation and prevention of nosocomial infections. 2) Diagnosis of death, prevention and research applied to the study of the corpse subjected to diagnostic verification and judicial autopsy, with particular reference to sudden deaths from cardiac causes and suicides. 3) Study and evaluation of the victim of sexual violence with the application of consolidated multidisciplinary protocols. 4) Study and evaluation of the victim of abuse in the family with particular reference to the abuse of the elderly, women and children. 5) Individual identification on living, corpse and biological traces, through the study of DNA. 6) Clinical Legal Medicine with particular evaluation of the incapable patient. 7) Evidence Based Medicine applied to Forensic Medicine. **Occupational Medicine Topics:** 1) Work hygiene 2) Assessment and prevention of occupational biological risk, with particular reference to the health service 3) Assessment and prevention of chemical and carcinogenic risks in the workplace, with particular reference to the health service 4) Occupational immunoprophylaxis 5) Evidence Based Medicine applied to Occupational Medicine 6) Study and validation of new digital tools for epidemiological surveillance of accidents at work and occupational diseases 7) Allergology and specific immunotherapy in the workplace 8) Study and prevention of night obstructive apnea syndrome (OSAS) in the occupational field
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the contact person of the Doctoral Course Prof. Francesco Ventura at the following address: francesco.ventura@unige.it The name, status and service place of the referees, chosen by the candidates, must be stated in their applications.
Foreign Languages	English
Further Information	Administrative contact person: Giuseppe Zara E-mail: giuseppe.zara@unige.it

Course: HEALTH SCIENCES

Curriculum: NURSING (CODE 11665)

Course Coordinator: Izzotti Alberto	
Department of Health Sciences (Dipartimento di Scienze della Salute – DISSAL)	
Places: 1 (°) - **Grants**: 0	
(°) 1 position reserved for Fondazione IRCCS Policlinico San Matteo employees	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**16-01-2026 – at 11:00 am (CET)** remotely on Microsoft Teams
Further information on how to present qualifications/publications	Remember that by qualifications we mean the information contained in the application and in the curriculum vitae et studiorum, the research project, the further qualifications. The latter must not exceed ten pages each.
Exam Syllabus	The tests will focus on topics related to research topics.
Research Themes	1. Patient safety and prevention of the risk of error in the care processes. 2. Prevention of education and assistance to the person with chronic health problems 3. Family and Patient Centred Care and Child and family Centred Care 4. Innovative models for health skills training.
Information on references	Candidates must choose not less than one and not more than three referees to support their candidature. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the contact person of the Doctoral Course Prof. Annamaria Bagnasco at the following address: annamaria.bagnasco@unige.it The name, status and service place of the referees, chosen by the candidates, must be stated in their applications.
Foreign Languages	English
Further Information	Administrative contact person: Giuseppe Zara E-mail: giuseppe.zara@unige.it

Course: MARINE SCIENCES AND TECHNOLOGIES

Curriculum: NAVAL AND NAUTICAL DESIGN (CODE 11666)

Course Coordinator: Ferrari Claudio	
Centro del Mare	
Places: 1 – **Grant**: 1 (*)	
(*) 1 grant funded by Università degli Studi di Genova, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**23.01.2026, 10AM (CET)** Room "Vallega" Dipartimento Architettura e Design (DAD) - aula Vallega - Stradone Sant'Agostino 37 – Genova or on Microsoft Teams Platform.
Further information on how to present qualifications/publications	The curriculum must be completed by a document from the university that issued the degree (transcript of records) attesting to the courses and grades obtained throughout the candidate's university education (BSc and MSc). The presentation of international language certifications (TOEFL, CPE, CAE, FCE, ...) attached to the curriculum is preferential. Candidates not yet in possession, at the deadline of the announcement, of the title that allows access to the PhD may submit additional documentation, which they deem more appropriate, in order to document their academic career.
Exam Syllabus	The interview consists of an in-depth scientific discussion on the research project, on the Curriculum and on the titles presented by the candidate and is also aimed at verifying that the candidate has adequate knowledge to deal profitably with the studies in the chosen curriculum. Titles and research project have to be inherent to the studies of the specific curriculum.
Research Themes	• Industrialization of the nautical product in relations with materials and compositive approach • Sustainability of the nautical product in relations with materials and compositive approach • Enhancement of the existing nautical heritage • Visual communication and culture on naval and nautical field
Information on references	Applicants should choose no fewer than one and no more than three referees to support the application The referees must be university professors or experts in the subject. Referees shall directly send endorsement letters, within the deadline of the notice, to the following address e-mail: zignego@arch.unige.it and mariaelisabetta.ruggiero@unige.it In the application form, candidates must indicate the name, position and place of service of the references they have chosen.
Foreign Languages	English
Further Information	Dott.ssa Michela Mazzucchelli: dottoratodad@unige.it

Course: MARINE SCIENCES AND TECHNOLOGIES

Curriculum: NAVAL ARCHITECTURE AND MARINE ENGINEERING - MARINE TECHNOLOGIES (CODE 11667)

Course Coordinator: Ferrari Claudio	
Centro del Mare	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by CETENA S.p.A., the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 17.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 – 2:30 PM (CET)** at Dipartimento di Ingegneria navale, elettrica, elettronica e delle telecomunicazioni (DITEN), Polo Navale, via Montallegro 1, Genova The interview can take place on request also electronically (video conference via MS Teams) by contacting Prof. Cesare M. Rizzo at least one week before the interview date by e-mail (cesare.rizzo@unige.it)
Further information on how to present qualifications/publications	Applicants will: 1) submit a research project (maximum 10 pages A4 format); 2) an updated CV; Italian candidates not yet graduated must present the list with a score of the exams taken in the master degree.
Exam Syllabus	The interview will focus on the topics of the proposed research project and on related issues.
Research Themes	Research project: On-board ship integration of nuclear fission power plants. The research activity will focus on the development of knowledge and skills related to third and fourth generation nuclear fission reactors and their degree of technological maturity, its outlook and applicability to ship propulsion. The national and international regulatory and institutional framework will be analyzed, with reference to both, land and on-board installations. The problems of integrating nuclear reactors on board surface or submarine ships will also be investigated, with reference to main methods and tools of basic design as well as to construction issues, including the management of the nuclear construction site. Further information may be requested via e-mail (cesare.rizzo@unige.it)
Information on references	Not required; if any, not more than three and referees must be university professors or experts in the subject. The candidates will be responsible for including the reference letters in the proposal (reference letters can be included in the foot of the research project file), within the deadline of the call.
Foreign Languages	English

Course: MARINE SCIENCES AND TECHNOLOGIES

Curriculum: LOGISTICS AND TRANSPORTATION (CODE 11668)

Course Coordinator: Ferrari Claudio	
Centro del Mare	
Places: 2 (°) – **Grants**: 0	
(°) 1 place reserved to an employee of EXIS srl.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**19.01.2026** Interviews will start **at 2:30 PM (CET)** by remote via Teams
Further information on how to present qualifications/publications	Qualifications and publications must be attached to the application form.
Exam Syllabus	The interviews will assess the candidates' knowledge of the transport sector in its multidisciplinary aspects and their aptitude for scientific research as well as their understanding of the English language.
Research Themes	For the place without grant the doctoral research will be curiosity driven on one the following topics: 1. Competition and regulation in the transport sector; 2. States' intervention in transport and transport infrastructures as a tool to implement competitive, environmental and industrial policies; 3. Green strategies and green products; 4. Energy and environmental policies and strategies in shipping and ports; 5. Analysis and planning of rail transport systems; 6. Crisis management, social media marketing and sentiment analysis applied to the transport sector; 7. Optimization models and methods in the management of modal change nodes; 8. Management of transport systems in case of infrastructural damages; 9. Optimal use of transport infrastructure; 10. Dynamic programming models; 11. Shipbuilding Economics and Ship production markets; 12. Economic and Operational impact of new technologies on shipping markets; 13. Contractual models and practices in leisure shipbuilding: yacht building, repair and refit contracts; 14. Corporate and business strategies in the Blue Economy; 15. Analysis and planning of transport and logistics systems with the use of autonomous vehicles; 16. Application and use of ITS technologies for the management of transport and logistics systems; 17. Technological innovation and environmental nudges for an integrated and sustainable urban mobility; 18. Policy and actions to reduce emissions in the logistics and transport sector For the grant reserved to an employee of the company EXIS the doctoral research will focus on the estimation of O/D matrixes through online learning methods
Information on references	Letters of reference are no needed
Foreign Languages	English

Course: MARINE SCIENCES AND TECHNOLOGIES

Curriculum: MARINE ECOSYSTEM SCIENCES (CODE 11669)

Course Coordinator: Ferrari Claudio	
Centro del Mare	
Places: 2 (°) – **Grants**: 1 (*)	
(*) 1 grant funded by Department (DISTAV), the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500 (°) 1 place reserved for a CIEP employee	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 at 10.00 (CET)** at the Department of Earth, Environmental and Life Sciences (DISTAV), Palazzo delle Scienze, Prof. Vezzulli's Office, 4th floor, Corso Europa 26, Genoa.
Exam Syllabus	Applicants must: 1) submit a research project (maximum 10 A4 pages). 2) an updated curriculum vitae; Italian applicants who have not yet graduated should submit the list with the grade of exams taken in the master's degree. The interview will focus on the discussion of the candidate's curriculum vitae and the submitted research project with particular reference to the relevance of the proposed research activities with the doctoral topics, the scientific content, innovativeness and feasibility of their implementation
Research Themes	**Grant no. 1:** Biophysical assessments of natural capital in coastal marine environments and sustainability of recreational diving and other human activities related to these environments **Grant no. 2**: (reserved for CIEP employees): Ecology and bentho-pelagic coupling of Central Patagonia fjords marine ecosystem. Non-priority research topics may also concern basic and applied aspects relevant for the study and conservation of marine biodiversity, the protection and enhancement of coastal and oceanic ecosystems, the management and mitigation of coastal risk and environmental monitoring, development and application. Marine biotechnology, analysis and control of risks to the health of marine ecosystems (also in relation to human health) and the sustainable exploitation of marine ecosystem resources and services.
Information on references	Candidates must choose no fewer than one and no more than three referees to support their application. The referees must be university professors or subject-matter experts. Candidates are responsible for uploading the reference letters through the online application system by the deadline stated in the call for applications (the reference letters may be copied at the end of the research project). Reference letters sent by email or by any other means will not be considered for evaluation purposes. In the application form, candidates must also indicate the name, title, and institutional affiliation of the referees they have chosen.
Foreign Languages	English
Further Information	Contact Prof. Luigi Vezzulli, e-mail: luigi.vezzulli@unige.it

Course: SCIENCES AND TECHNOLOGIES OF CHEMISTRY AND MATERIALS

In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: NANOSCIENCES (CODE 11670)

<table>
<tr><td colspan="2">Course Coordinator: Grotti Marco</td></tr>
<tr><td colspan="2">Department of Chemistry and Industrial Chemistry (Dipartimento di Chimica e Chimica Industriale – DCCI)</td></tr>
<tr><td colspan="2">Places: 6 – Grants: 6 (*)</td></tr>
<tr><td colspan="2">(*) 4 grants funded by funded by IIT, from IRIDE Advanced Grant ID FIS-2023-03302, CUP J53C25000570001, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 19.500 (research themes 1-4).
(*) 2 grants funded by funded by IIT, from the 2023 ERC Consolidator Grant EVA GA #101124411, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 19.500 (research theme 5).</td></tr>
<tr><td>Comparative assessment procedure</td><td>QUALIFICATIONS/PUBLICATIONS</td></tr>
<tr><td>Further information on how to present qualifications/publications</td><td>Evaluable qualifications:
• educational qualifications with marks;
• transcript of records (list of exams with marks);
• recommendation letters (maximum three);
• research project written in English;
• curriculum vitae et studiorum;
• additional qualifications (postgraduate qualifications, publications in scientific journals, congress presentations, patents, study or research awards).

All candidates have to attach to the application the certificates related to all the academic qualifications, reporting the mark and duration of the study cycles. For students not yet graduated, who are admitted sub condicione, the presentation of the certificate is required with the marks obtained in the individual exams. The provision of the title and a short M.Sc. thesis abstract is recommended.
Foreign applicants must also clearly report the number of years corresponding to each cycle of studies carried out before enrolling in the University.
In case of admission to the doctorate, the candidate will carry out his research not necessarily in the specific activities described in the project he/she has presented.</td></tr>
<tr><td>Research Themes</td><td>1) Development of colloidal nanocrystals for energy related applications
2) Synthesis of colloidal nanocrystals and advanced spectroscopy
3) Fabrication and investigation of light sources based on colloidal quantum dots
4) Synthesis of colloidal nanocrystals and advanced electron microscopy
5) Data-Driven Innovation in hybrid layered structures</td></tr>
<tr><td>Information on references</td><td>Candidates must provide not less than one and not more than three recommendation letters to support their application. The authors are university professors or experts in the research topics of the PhD course and they must provide the letters within the deadline of the call, exclusively by e-mail to phd_nach@iit.it (subject: PhD_letter).
The name, status and place of employment of the authors of the recommendation letters must be stated in the application.</td></tr>
<tr><td>Foreign Languages</td><td>English</td></tr>
<tr><td>Further Information</td><td>Administrative contact person
Dr. Iulia Manolache
Tel: (+39) 0102896718
iulia.manolache@iit.it

Further information on the research themes: https://chimica.unige.it/en/calls
Research project recommended template: https://chimica.unige.it/en/calls</td></tr>
</table>

Course: SCIENCES AND TECHNOLOGIES OF CHEMISTRY AND MATERIALS
In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: SCIENCE AND TECHNOLOGY OF MATERIALS (CODE 11671)

Course Coordinator: Grotti Marco	
Department of Chemistry and Industrial Chemistry (Dipartimento di Chimica e Chimica Industriale – DCCI)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by BeDimensional S.p.A. The annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 17.500.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**23.01.2026 – 9:00 AM (CET)** at Dipartimento di Fisica – DIFI, via Dodecaneso 33, 16146, Genova. The interview may take place electronically (Zoom, Teams etc.), for justified reasons. For the purpose of identification, the candidate has to show the original document (the same provided in the application). The justified request for videoconferencing must be sent no later than 16.01.2026 by e-mail to francesco.buatier@unige.it (subject: PhD_interview).
Further information on how to present qualifications/publications	Evaluable qualifications: • educational qualifications with marks; • transcript of records (list of exams with marks); • recommendation letters (maximum three); • research project written in Italian or English; • curriculum vitae et studiorum; • additional qualifications (postgraduate qualifications, publications in scientific journals, congress presentations, patents, study or research awards). All candidates have to attach to the application the certificates related to all the academic qualifications, reporting the mark and duration of the study cycles. For students not yet graduated, who are admitted sub condicione, the presentation of the certificate is required with the marks obtained in the individual exams. Foreign applicants must also clearly report the number of years corresponding to each cycle of studies carried out before enrolling in the University. In case of admission to the doctorate, the candidate will carry out his research not necessarily in the specific activities described in the project he/she has presented.
Exam Syllabus	The candidate will discuss with the Committee the research project he/she has presented. The Committee will evaluate the research project for its originality, feasibility, methodology, timeline and relevance within the research topics listed in the call. In this way the Committee will be able to evaluate the candidates attitude to develop a scientific project. During the presentation the Committee will ascertain the candidate knowledge of English language.
Research Themes	Synthesis by liquid phase exfoliation of 2D materials and advanced spectroscopy/microscopy. Development of functional coatings for hydrogen barrier applications. Development of 2D materials-based sensors for hydrogen permeability. Functionalization of 2D materials with surface decorations to enhance the detection of hydrogen, among other gases and moisture.
Information on references	Candidates must provide not less than one and not more than three recommendation letters to support their application. The authors are university professors or experts in the research topics of the PhD course and they must provide the letters within the deadline of the call, exclusively by e-mail to francesco.buatier@unige.it (subject: PhD_letter). The name, status and place of employment of the authors of the recommendation letters must be stated in the application.
Foreign Languages	English
Further Information	Prof. Francesco Buatier De Mongeot (+39) 0103536324 francesco.buatier@unige.it Administrative contact person Dott. Jetona Tocilla (+39) 0103358728 dottorato_STCM@unige.it

Course: SCIENCES AND TECHNOLOGIES OF CHEMISTRY AND MATERIALS
In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: CHEMICAL SCIENCES AND TECNOLOGIES (CODE 11672)

Course Coordinator: Grotti Marco	
Department of Chemistry and Industrial Chemistry (Dipartimento di Chimica e Chimica Industriale – DCCI)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by Nanophoria srl. The annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 17.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 – 9:30 AM (CET)** at Dipartimento di Chimica e Chimica Industriale (DCCI), via Dodecaneso 31, 16146 Genova. The interview may take place electronically (Teams), for justified reasons. For the purpose of identification, the candidate has to show the original document (the same provided in the application). The justified request for videoconferencing must be sent no later than 19.01.2026 by e-mail to lorenzo.degliesposti@unige.it (oggetto: PhD_interview).
Further information on how to present qualifications/publications	Evaluable qualifications: • educational qualifications with marks; • transcript of records (list of exams with marks); • recommendation letters (maximum three); • research project written in Italian or English; • curriculum vitae et studiorum; • additional qualifications (postgraduate qualifications, publications in scientific journals, congress presentations, patents, study or research awards). All candidates have to attach to the application the certificates related to all the academic qualifications, reporting the mark and duration of the study cycles. For students not yet graduated, who are admitted sub condicione, the presentation of the certificate is required with the marks obtained in the individual exams. Foreign applicants must also clearly report the number of years corresponding to each cycle of studies carried out before enrolling in the University. In case of admission to the doctorate, the candidate will carry out his research not necessarily in the specific activities described in the project he/she has presented.
Exam Syllabus	The candidate will discuss with the Committee the research project he/she has presented. The Committee will evaluate the research project for its originality, feasibility, methodology, timeline and relevance within the research topics listed in the call. In this way the Committee will be able to evaluate the candidates attitude to develop a scientific project. During the presentation the Committee will ascertain the candidate knowledge of English language.
Research Themes	Synthesis, characterization, optimization, and validation of nanoparticulate systems capable of transporting therapeutic biomolecules such as siRNA, miRNA, mRNA, DNA, peptides, epitopes, and small molecules to specific systemic targets (e.g., cardiac, pulmonary, cerebral districts, or the immune system). Functionalization of these systems with surface decorations to enhance colloidal stability, targeting capabilities, and controlled payload release.
Information on references	Candidates must provide not less than one and not more than three recommendation letters to support their application. The authors are university professors or experts in the research topics of the PhD course and they must provide the letters within the deadline of the call, exclusively by e-mail to lorenzo.degliesposti@unige.it (oggetto: PhD_letter). The name, status and place of employment of the authors of the recommendation letters must be stated in the application.
Foreign Languages	English
Further Information	Prof. Lorenzo Degli Esposti (+39) 0103356427 lorenzo.degliesposti@unige.it Administrative contact person Dott. Jetona Tocilla (+39) 0103358728 dottorato_STCM@unige.it

Course: SCIENCE AND TECHNOLOGY FOR ELECTRICAL ENGINEERING, COMPLEX SYSTEMS FOR MOBILITY

Curriculum: ELECTRICAL ENGINEERING (CODE 11673)

Course Coordinator: Marchesoni Mario	
Department of Marine, Electrical, Electronic and Telecommunications Engineering (Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni – DITEN)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by Università degli Studi di Genova, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 18.500.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**22.01.2026** **9.00 am (CET)** Telematic mode (Microsoft Teams or similar software) by contacting Prof. Luis Vaccaro, e-mail luis.vaccaro@unige.it, within the day before the interview
Further information on how to present qualifications/publications	Applicants will have to submit: 1) a research project up to 10 pages long; 2) an updated CV; 3) a short abstract of the master's thesis, if available. Candidates who have not yet graduated must present the list and the marks of the exams passed in the master's degree program up to the moment of submission of the application.
Exam Syllabus	Interview on the submitted research project, the PhD course topics, and the candidate's specific interests in the field. English language test.
Research Themes	(A) Automation: industry, process and transport. Manufacturing plants modeling. Management, monitoring and control of electrical systems. Innovative techniques and optimization for electromagnetic device design. Electric drives for robotics, manufacturing automation and processes. Advanced instrumentation and fieldbus applications. (B) Energy: Protection from electrostatic hazard. Insulation defects evaluation with partial discharge measurement. Technical-economic evaluations for the energy market. Distributed generation. Quality of service. Optimization algorithms, distribution management systems, load forecasts and renewable energy resources, with methods based on artificial intelligence, data mining, big data and probabilistic safety assessment. Switches, machines, electric actuators and magnetic devices for energy storage. Static energy converters. (C) Electronics: Modeling of power electronic systems and components. Advanced control techniques for converters. Electrostatic discharge protection systems for electronic devices. Complex systems modeling. Analysis and synthesis of circuits and nonlinear dynamic systems. Neural networks. Electronic systems design. (D) Electromagnetic compatibility among electrical, power electronic and communications systems. Modeling, simulation and measurement methods. Lightning current numerical modeling. Electromagnetic modeling with full Maxwell approach. (E) Transport: Modeling for RAMS predictive analysis. Electrified systems for public transport. Energy management of electric and hybrid vehicles. Electric traction motor diagnostics. Electric drives for rail traction, road and ship propulsion. (F) Environment: Numerical simulation and measurement and field reduction techniques. Optimized design of low emission devices. Low environmental impact systems.
Information on references	Candidates must choose not less than one and not more than three referees to support the application. These referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to Prof. Luis Vaccaro at the following address: luis.vaccaro@unige.it The name, status and service place of the referees chosen by the candidates must be stated in their applications.
Foreign Languages	English

Further Information	Prof. Mario Marchesoni University of Genova DITEN (Department of Electrical, Electronics and Telecommunication Engineering and Naval Architecture) Via all'Opera Pia 11a, I-16145 - Genova, Italy mario.marchesoni@unige.it tel: +39 0103532183; fax: +39 0103532700; Laura Brunelli University of Genova DITEN (Department of Electrical, Electronics and Telecommunication Engineering and Naval Architecture) Via all'Opera Pia 11a, I-16145 - Genova, Italy laura.brunelli@unige.it tel: +39 0103532286; fax: + 39 0103532777

Course: SCIENCE AND TECHNOLOGY FOR ELECTRONIC AND TELECOMMUNICATION ENGINEERING

In agreement with the Foundation of the Italian Institute of Technology (Fondazione Istituto Italiano di Tecnologia – IIT)

Curriculum: COMPUTATIONAL VISION, AUTOMATIC RECOGNITION AND LEARNING (CODE 11674)

Course Coordinator: Valle Maurizio	
Department of Marine, Electrical, Electronic and Telecommunications Engineering (Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni – DITEN)	
Places: 1 (°) – **Grants**: 0	
(*) 1 place reserved to employees of Shaoxing People's Hospital (Cina)	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**19.01.2026 h 10:00 AM CET** at IIT, Italian Institute of Technology, Via Enrico Melen, 83, Genoa or alternatively by telematic mode through videoconference MS Teams
Further information on how to present qualifications/publications	The candidates must clearly highlight in the Curriculum Vitae the following features as they will be used for the evaluation: the publication list (e.g. in International Journals, International Conferences, Book Chapters), the achieved degree mark (or equivalent qualification), the work experience and acquired skills. The following features of the submitted research project will be assessed in particular: relevance to the research themes that appear in this public call, originality, implementation, feasibility, clarity of presentation. The research project MAXIMUM LENGTH IS 10 PAGES A possible structure of the research project plan is the following: - Motivations and rationale - State of the art - Objectives - Employed methods - Preliminary work plan - Expected outcomes - Bibliography More info: https://pavisdata.iit.it/data/phd/ResearchProjectTemplate.pdf
Exam Syllabus	The interview will aim to verify the candidate's competence in relation to the listed research topics and the methodological ability to deal with research projects. In addition, the interview will also focus on the themes of the research project, inherent to the listed research themes, submitted by the candidate. The interviews may also take place electronically through MS Teams with video mode enabled to check the candidate's identity, upon request sent by e-mail to the Coordinator of the Doctoral Course, Prof. Maurizio Valle maurizio.valle@unige.it and to Dr. Alessio Del Bue alessio.delbue@iit.it, and prof. Vittorio Murino Vittorio.murino@iit.it email Subject: Interview Ph.D. STIET XLI cycle – CURRICULUM CVARL.
Research Themes	Tema: Medical Image Analysis with Large Multimodal Models More detailed information on the specific themes and indication of supervisors, at https://pavisdata.iit.it/data/phd/ResearchTopicsPhD_2025_2026_IIT-AIGO_PAVIS.pdf in particolar, topics C, D, F, and I
Information on references	Candidates MUST choose not less than one and not more than three referees to support their candidacy. The referees must be university professors or experts in the subject and it will be their concern to send reference letters, within the deadline of the public notice, to the Coordinator of the Doctoral Course at the following addresses: maurizio.valle@unige.it e alessio.delbue@iit.it, vittorio.murino@iit.it with subject: Ph.D. STIET XLI Cycle_ Candidate Name_ reference letter The candidate MUST indicate in the submitted application names, status and affiliation of the referees. The referees MUST clearly indicate in the reference letters the supported candidate's aptitude to scientific research development.
Foreign Languages	English

Further Information	Prof. Maurizio Valle DITEN - Università di Genova Via Opera Pia 11A 16145, Genova, Italy maurizio.valle@unige.it and Dr. Alessio Del Bue, Ph.D. Director, PAVIS - Pattern Analysis & Computer Vision IIT Istituto Italiano di Tecnologia Via Enrico Melen, 83, 16152, Genova, GE alessio.delbue@iit.it and Prof. Vittorio Murino Director, AIGO – AI for Good IIT Istituto Italiano di Tecnologia Via Enrico Melen, 83, 16152, Genova, GE vittorio.murino@iit.it

Course: PAEDIATRIC SCIENCES

In agreement with IRCCS Istituto Giannina Gaslini

Curriculum: ENDOCRINOLOGY AND DIABETOLOGY (CODE 11675)

Course Coordinator: Striano Pasquale	
Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics and Mother and Child Sciences (Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili – DINOGMI)	
Places: 1 – **Grants**: 1 (*)	
(*) 1 grant funded by Department DINOGMI, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 16.500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**20.01.2026 – 11 am (CET)** Aula Museo - Hall 16, 1st floor, Gaslini Children's Hospital, Genoa. The interview can take place, at the request of the person concerned for proven impediments to appear in person or if the health situation makes it necessary, also in telematic mode. Candidates who require the telematic modality must contact adequate notice Prof. Pasquale Striano (pstriano@unige.it) and Dott.ssa Chiara Armani (chiara.armani@unige.it).
Exam Syllabus	Contents of the Interview: - previous experience of research work, including that relating to the thesis; - project ideas; - knowledge of basic methodologies for clinical and laboratory research; - knowledge of English through the presentation of the research project
Research Themes	Pediatric Endocrinology
Information on references	Candidates must choose no less than one and no more than three candidates to support the application. These contacts must be university lecturers or subject matter experts. It will be the responsibility of the contact persons to send the reference letters, within the deadline of the deadline of the call, to the Coordinator of the PhD course Prof. Pasquale Striano (pstriano@unige.it) and for information to: chiara.armani@unige.it.
Foreign Languages	English

Course: PAEDIATRIC SCIENCES
In agreement with IRCCS Istituto Giannina Gaslini

Curriculum: PAEDIATRIC SPECIALITIES (CODE 11676)

Course Coordinator: Striano Pasquale	
Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics and Mother and Child Sciences (Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili – DINOGMI)	
Places: 1 (°) – **Grants**: 0	
(°) 1 position reserved for IRCCS Istituto Giannina Gaslini employees.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**20.01.2026 – 11 am (CET)** Aula Museo - Hall 16, 1st floor, Gaslini Children's Hospital, Genoa. The interview can take place, at the request of the person concerned for proven impediments to appear in person or if the health situation makes it necessary, also in telematic mode. Candidates who require the telematic modality must contact adequate notice Prof. Pasquale Striano (pstriano@unige.it) and Dott.ssa Chiara Armani (chiara.armani@unige.it).
Exam Syllabus	Contents of the Interview: - previous experience of research work, including that relating to the thesis; - project ideas; - knowledge of basic methodologies for clinical and laboratory research; - knowledge of English through the presentation of the research project
Research Themes	Pediatric Rheumatology
Information on references	Candidates must choose no less than one and no more than three candidates to support the application. These contacts must be university lecturers or subject matter experts. It will be the responsibility of the contact persons to send the reference letters, within the deadline of the deadline of the call, to the Coordinator of the PhD course Prof. Pasquale Striano (pstriano@unige.it) and for information to: chiara.armani@unige.it.
Foreign Languages	English

Course: SECURITY, RISK AND VULNERABILITY

Doctoral Course in agreement with the Bruno Kessler Foundation (FBK) and CIMA Foundation

Curriculum: CYBERSECURITY AND RELIABLE ARTIFICIAL INTELLIGENCE (CODE 11677)

Course Coordinator: Cattari Serena	
Centro Strategico Interdipartimentale su Sicurezza, Rischio e Vulnerabilità	
Places: 2 (°) – **Grants**: 1 (*)	
(*) 1 grant funded by National Cybersecurity Agency (ACN), Project: *"CyberTrainNG: a framework for the assessment and design of cybersecurity training and education programmes"*, CUP: D33C25001040001, the annual gross amount of the grant, including social security expenses to be paid by the recipient, is € 19.500 (°) 1 place reserved for the Institute for Educational Technology of the National Research Council (CNR-ITD) employee	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	23.01.2026 at 8:00 (CET) remotely on Zoom (ID: 88171425334 - Passcode: 269789) by contacting the curriculum coordinator Prof. Luca Oneto (luca.oneto@unige.it) at least 7 days before the evaluation in case of any issues. For this purpose, the candidate must have a reliable internet connection to facilitate the conduct of the test. Interviews will continue on subsequent days in case of a high number of candidates.
Further information on how to present qualifications/publications	Candidates can choose up to a maximum of 2 research topics among those listed below and submit ● a research project, up to a maximum of 10 pages, which should highlight the candidate's motivations and research interests. The project should include a summary, a state of the art section completed with relevant publications, and the objectives of the activity; ● a document from the university that awarded their degree (transcript of records), which shows the courses and grades obtained throughout their academic career (Bachelor and M.Sc.), specifying the GPA or equivalent indicator. Candidates who do not yet possess the degree required for admission to the doctoral program at the time of the deadline may submit additional documentation that they consider more appropriate to document their academic career; ● a curriculum.
Exam Syllabus	The interview will be a detailed scientific discussion on the candidate's research project (10 pages max), Curriculum Vitae et Studiorum (10 pages max) and qualifications/publications (10 pages max). The interview is also aimed at verifying that the candidate has adequate knowledge to deal with studies in the chosen curriculum.
Research Themes	1. CyberTrainNG: a framework for the assessment and design of cybersecurity training and education programmes (ACN) 2. Innovative and inclusive methods and tools for cyber-risk management training (place reserved for CNR-ITD employee)
Information on references	Candidates must choose no less than 2 and no more than 3 references in support of their application. These references must be university professors or subject matter experts. If the reference is not a university professor, a Curriculum Vitae and a list of publications from the reference are required. It is the responsibility of the references to send the reference letters to the Curriculum Coordinator at the following address: luca.oneto@unige.it, by the application deadline. In the admission application, candidates must provide the full name, position, and affiliation of the chosen references. Reference letters that are not submitted as requested will not be considered.
Foreign Languages	English
Further Information	Curriculum Coordinator Prof. Luca Oneto DIBRIS, Opera Pia 11a, Genova luca.oneto@unige.it PhD Course Web Page http://sicurezza.unige.it With reference to the grant funded by National Cybersecurity Agency (ACN), Project: *"CyberTrainNG: a framework for the assessment and design of cybersecurity training and education programmes"* please refer to the website https://www.acn.gov.it/portale/w/bando-per-il-finanziamento-di-30-borse-di-dottorato-per-il-xli-ciclo and, particularly, to articles 4, 5 and 9 of Allegato 1 al bando: Disciplinare.

Course: EUROPEAN STUDIES – Italian national doctorate

Dottorato di "interesse nazionale" in convenzione con: Università degli Studi di FOGGIA, Università degli Studi di MESSINA, Università degli Studi di PALERMO, Università per Stranieri di PERUGIA, Università degli Studi di TORINO, Università degli Studi di Napoli Federico II, Università della VAL D'AOSTA

Curriculum: MULTILEVEL GOVERNANCE AND FUNDAMENTAL RIGHTS (CODE 11684) [1]

Course Coordinator: Guasconi Maria Eleonora	
Scienze politiche e internazionali (DiSPI)	
Places: 1 (°) – **Grants**: 0	
The research projects can be viewed under grants details at: https://studieuropei.dottorato.unige.it/ (°) 1 grant Executive of the University of Genova; the position is reserved for employees of Redelfi Spa.	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 at 9.30** am online on the platform Teams. The code to access the platform will be published after 30/06/2023 on the PhD website: https://studieuropei.dottorato.unige.it/
Further information on how to present qualifications/publications	With the application, applicants must enclose their curriculum vitae, duly signed, showing their qualifications, any publications deemed useful for the evaluation, and a research project consistent with the Research Topics of the chosen PhD curriculum. The applicant may indicate two preferences of location and type of fellowship. The research project should indicate objectives, method and expected results of the research, as well as brief bibliographical indications, and should not exceed 15,000 characters (excluding spaces). Foreign candidates are requested to have a certified knowledge of Italian language level B2.
Exam Syllabus	The interview will focus on the research project and publications submitted by the applicant and the research topics of the applicant's chosen curriculum. Foreign language proficiency will be ascertained at the end of the interview.
Research Themes	- Protection of fundamental rights in the European area - Economic governance and supranational integration processes - Federalizing process and interordination relations in multilevel systems - Fundamental rights and new technologies - Political participation, political representation and fundamental rights - Security and rights - Environment, sustainability and fundamental rights
Information on references	Letters of reference are not required. Their submission, if any, will not be considered by the evaluation committee.
Foreign Languages	English
Further Information	For more information, including specific reference to the titles and themes of the grants, applicants may consult the website studieuropei.dottorato.unige.it or contact via email: studieuropei.dottorato@unige.it

[1] Curriculum added after the publication of the Notice of competition (D.R. 4747 dated 14.11.2025)

Course: EUROPEAN STUDIES – Italian national doctorate

Dottorato di "interesse nazionale" in convenzione con Università degli Studi di FOGGIA, Università degli Studi di MESSINA, Università degli Studi di PALERMO, Università per Stranieri di PERUGIA, Università degli Studi di TORINO, Università degli Studi di Napoli Federico II, Università della VAL D'AOSTA

Curriculum: EUROPEAN ECONOMIC AND SOCIAL POLICIES (CODE 11678)

Course Coordinator: Guasconi Maria Eleonora	
Scienze politiche e internazionali (DiSPI)	
Places: 1 – **Grants**: 1 (*)	
The research projects can be viewed under grants details at: https://studieuropei.dottorato.unige.it/ (*) 1 grant MUR/Department co-funded by Ansaldo Energia, the annual amount of the scholarship, gross of social security contributions payable by the recipient, is €16,500	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 at 9.30 am (CET)** online on the platform Teams. The code to access the platform will be published after 07/01/2026 on the PhD website: https://studieuropei.dottorato.unige.it/
Further information on how to present qualifications/publications	With the application, applicants must enclose their curriculum vitae, duly signed, showing their qualifications, any publications deemed useful for the evaluation, and a research project consistent with the Research Topics of the chosen PhD curriculum. The applicant may indicate two preferences of type of fellowship.The research project should indicate objectives, method and expected results of the research, as well as brief bibliographical indications, and should not exceed 15,000 characters (excluding spaces). Foreign candidates are requested to have a certified knowledge of Italian language level B2.
Exam Syllabus	The interview will focus on the research project and publications submitted by the applicant and the research topics of the applicant's chosen curriculum. Foreign language proficiency will be ascertained at the end of the interview.
Research Themes	- European economic policies - European social policies - European economic governance - Gender equality - Regional economy - Urban sociology - Sociology of communication - Evolution of the social structure in Italian metropolitan areas - Artificial intelligence for public administration - Impacts of demographic change
Information on references	Letters of reference are not required. Their submission, if any, will not be considered by the evaluation committee.
Foreign Languages	English
Further Information	For more information, including specific reference to the titles and themes of the grants, applicants may consult the website studieuropei.dottorato.unige.it or contact via email: studieuropei.dottorato@unige.it

Course: EUROPEAN STUDIES – Italian national doctorate

Dottorato di "interesse nazionale" in convenzione con Università degli Studi di FOGGIA, Università degli Studi di MESSINA, Università degli Studi di PALERMO, Università per Stranieri di PERUGIA, Università degli Studi di TORINO, Università degli Studi di Napoli Federico II, Università della VAL D'AOSTA

Curriculum: HISTORY OF THE IDEA OF EUROPE AND OF EUROPEAN INTEGRATION (CODE 11679)

Course Coordinator: Guasconi Maria Eleonora	
Scienze politiche e internazionali (DiSPI)	
Places: 1 (°) – **Grants**: 0	
(°) 1 place is reserved for employees of AREL in Rome	
Comparative assessment procedure	QUALIFICATIONS/PUBLICATIONS AND INTERVIEW
Interview	**21.01.2026 at 9.30 am (CET)** online on the platform Teams. The code to access the platform will be published after 07/01/2026 on the PhD website: https://studieuropei.dottorato.unige.it/
Further information on how to present qualifications/publications	With the application, applicants must enclose their curriculum vitae, duly signed, showing their qualifications, any publications deemed useful for the evaluation, and a research project consistent with the Research Topics of the chosen PhD curriculum. The applicant may indicate two preferences of location and type of fellowship. The research project should indicate objectives, method and expected results of the research, as well as brief bibliographical indications, and should not exceed 15,000 characters (excluding spaces). The applicant may indicate two preferences of location and type of fellowship. Foreign candidates are requested to have a certified knowledge of Italian language level B2.
Exam Syllabus	The interview will focus on the research project and publications submitted by the applicant and the research topics of the applicant's chosen curriculum. Foreign language proficiency will be ascertained at the end of the interview.
Research Themes	- History of the idea of Europe - History of the European integration process - History of political doctrines in relation to the European integration process - History of the European federalist movement - History of European institutions - History of euroskeptic political movements - History of the socioeconomic dynamics underlying the European integration process
Information on references	Letters of reference are not required. Their submission, if any, will not be considered by the evaluation committee.
Foreign Languages	English
Further Information	For more information, including specific reference to the titles and themes of the grants, applicants may consult the website studieuropei.dottorato.unige.it or contact via email: studieuropei.dottorato@unige.it