

RESEARCH PROGRAM NO. 1

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 10.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 14.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

The interview will be held on 17.12.2019 at 15.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

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

Scientific coordinator: Prof.ssa Barbara CATANIA

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

Title: Integration of large scale heterogeneous data sources

Description: Design and implementation of a middleware for integration, storage, management and processing of complex data from heterogeneous sources. The heterogeneity may concern the level of data structure (structured, unstructured, semi-structured), the representation model and the system on which they are made available. The activity will have to take into account traditional and innovative integration techniques, which support online adaptive integration, taking into account the different level of detail and quality (for example, completeness, accuracy, reliability, provenance) of source data. Regarding data storage, different large scale distributed architectures will be compared, in terms of effectiveness and efficiency, also taking into account supported caching approaches. It will also be necessary to evaluate the impact of fairness and diversity constraints on data management and processing procedures. The project will deal with real case studies.

Scientific disciplinary sector: INF/01 INFORMATICA

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

Required degree:

Laurea V.O. in Informatica, in Ingegneria Informatica; Laurea Specialistica delle classi 23/S (Informatica), 35/S (Ingegneria Informatica); Laurea Magistrale delle classi LM-18 (Informatica), LM-32 (Ingegneria Informatica).

Subjects of the interview:

Issues and methodologies underlying Data Science and Data Engineering Methodologies, models and data management over centralized and distributed architectures Models for the representation of semi-structured data (eg JSON).

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

RESEARCH PROGRAM NO. 2

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 10.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

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The interview will be held on 16.12.2019 at 15.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

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Scientific coordinator: Prof.ssa Giovanna GUERRINI

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

Title: Didactic units based on collaborative methods for innovative teaching in Computer Science

Description: As part of the innovative teaching project of the undergraduate degree in Computer Science, teaching units based on collaborative methods for the courses involved in the project will be designed and implemented. The didactic units will be designed starting from the analysis of active learning paths (TBL, PBL) in undergraduate courses of the discipline and will use state of the art tools. The units to be designed and implemented will also include team building activities aimed at strengthening soft skills, as well as disciplinary activities transversal to the involved classes. For what concerns evaluation, peer evaluation activities will be designed and other formative evaluation activities will be investigated. The learning outcomes of individual students and teams will be monitored.

Scientific disciplinary sector: INF/01 INFORMATICA

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

Required degree:

Laurea V.O. in Informatica; Laurea Specialistica della classe 23/S (Informatica); Laurea Magistrale della classe LM-18 (Informatica).

Subjects of the interview:

Innovative teaching methods and active learning. Computational thinking and introduction to programming. Computer science teaching.

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

RESEARCH PROGRAM NO. 3

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 9.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 13.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

The interview will be held on 16.12.2019 at 14.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Via Dodecaneso 35, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Lorenzo Rosasco on the phone number +39 010 3536607 or via the email address: lorenzo.rosasco@unige.it

Scientific coordinator: Prof. Lorenzo ROSASCO

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

Title: Analysis of meteorological data with machine learning for applications to meteorological forecast and atmospheric transport of biological material

Description: The project aims at developing theoretical and algorithmic ideas in machine learning to improve meteorological forecasting using data for wind obtained from ARPAL on Regione Liguria. Similar ideas will be coupled to numerical simulations of biological transport using meteorological data, to predict the best time for release of particles in the atmosphere. Candidates must have strong mathematical and computational skills, especially in weather forecasting and biological transport in the atmosphere. Topics of interest include but are not limited to: numerical simulations of meteorological data; numerical simulation of particle transport in the atmosphere, for example fungal spores; regression techniques for problems in high dimensions. The emphasis is on methodological and computational aspects, as well as implementation for applications in weather forecasting.

Scientific disciplinary sector: INF/01 INFORMATICA

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

Required degree:

Laurea magistrale delle classi LM-17 (Fisica), LM-18 (Informatica), LM-32 (Ingegneria Informatica), LM-40 (Matematica), LM-35 (Ingegneria per l'ambiente e il territorio)

Subjects of the interview:

Elements of weather forecasting; regression techniques for high dimensional data; transport of biological particles in the atmosphere.

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

RESEARCH PROGRAM NO. 4

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 12.00 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 18.00 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

The interview will be held on 17.12.2019 at 14.00 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Marco Pallavicini on the phone number +39 010 3536661 or via the email address: marco.pallavicini@unige.it

Scientific coordinator: Prof. Marco PALLAVICINI

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

Title: Development of electronics and optical technologies for liquid argon detectors for neutrino physics, dark matter search and medical applications.

Description: The candidates will work on the development of cryogenic detectors with liquid argon, building prototypes with SiPM, developing electronics and software and performing measurements with lab scale radioactive sources or by means of test beams. They will also develop Monte Carlo codes and reconstruction codes, also by means of machine learning algorithms.

Scientific disciplinary sector: FIS/01 FISICA SPERIMENTALE

Place: Dipartimento di Fisica (DIFI)

Required degree:

Dottorato di ricerca in Fisica

Subjects of the interview:

Neutrino oscillations physics. Physics of dark matter search. Properties of underground detectors.

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

RESEARCH PROGRAM NO. 5

The assessment criteria for the qualifications and the interview will be affixed on 18.12.2019 at 9.30 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 18.12.2019 at 13.00 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

The interview will be held on 18.12.2019 at 15.00 in Dipartimento di Fisica (DIFI), Via Dodecaneso 33, Genova.

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

Scientific coordinator: Prof. Paolo PRATI

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

Title: Analysis in white light of the optical properties of carbonaceous aerosol

Description: The project, which will last two years, involves the design, construction and validation of a spectrometer in white light to measure the absorbance of atmospheric particulate matter deposited on filters of various kinds. The development of a calculation code for qualitative and quantitative apportionment of the emission / production sources of carbonaceous particulate and other high absorbance components in the IR-UV range, is also foreseen.

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

Place: Dipartimento di Fisica (DIFI)

Required degree:

Laurea magistrale delle classi LM-17 (Fisica), LM-53 (Scienza ed Ingegneria dei Materiali).

Subjects of the interview:

Characteristics and properties of atmospheric aerosols. Measurement of optical properties of atmospheric materials and aerosols. Technology of laser systems and solid-state detectors. Optical spectrometry.

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

RESEARCH PROGRAM NO. 6

The assessment criteria for the qualifications and the interview will be affixed on 12.12.2019 at 8.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via all'opera Pia 15a, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 12.12.2019 at 11.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via all'opera Pia 15a, Genova.

The interview will be held on 12.12.2019 at 12.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via all'opera Pia 15a, Genova.

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

Scientific coordinator: Prof. Antonio BARBUCCI

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

Title: Electrode materials for energy and environment.

Description: The research focus materials for energy and environmental applications. The materials will be studied in the frame of electrochemical systems like fuel cells, electrolyzers. Co-electrolysis of water and carbon dioxide to produce hydrogen and carbon monoxide in the cathodic side of the system and oxygen in the anodic side is also a topic of the research activity. Materials for fuel cells and electrolyzers will be designed, synthesized, shaped and characterized to obtain laboratory electrochemical cells. The prepared materials and electrochemical cell will be subjected to electrochemical characterization to understand overall behavior and process mechanisms.

Scientific disciplinary sector: CHIM/07 FONDAMENTI CHIMICI DELLE TECNOLOGIE

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

Required degree:

Dottorato di ricerca in Civil, Chemical and Environmental Engineering, Curriculum of Chemical, Material and Process Engineering.

Subjects of the interview:

The topic of interview will focus the experience of the candidates on electrochemistry, electrochemical techniques for energy systems, material science and environmental electrochemistry.

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

RESEARCH PROGRAM NO. 7

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 10.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Corso Europa 26, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 13.30 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Corso Europa 26, Genova.

The interview will be held on 16.12.2019 at 15.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Corso Europa 26, Genova.

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

Scientific coordinator: Prof. Marco FERRARI

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

Title: Analysis and assessment of coastal vulnerability to flooding during storm events and in the long term related to climate change.

Description: The coastal areas of the northern Mediterranean are frequently hit by extreme storm events. These phenomena are often related to wave heights that damage the coast. Most urban towns are located in this area and they are often exposed to extreme events. During the winter, floods can cause damage to infrastructures such as roads, railway lines and tourist facilities. Furthermore, the sea level rise related to Climate Change, could generate an increase of the impact on beaches equilibrium and the flooding of coastal areas. The purpose of this project is to produce a forecasting model for the analysis of vulnerability to marine flooding on short term and on long term considering the effects of climate change.

Scientific disciplinary sector: GEO/04 GEOGRAFIA FISICA E GEOMORFOLOGIA

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

Required degree:

Dottorato di ricerca in Scienze della Terra.

Subjects of the interview:

Analysis and assessment of coastal vulnerability using different approaches; Coastal morphodynamics and coastal hydrodynamics related to both short-term and long-term physical vulnerability; GIS tools and coastal modelling in the study of described phenomena.

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

RESEARCH PROGRAM NO. 8

The assessment criteria for the qualifications and the interview will be affixed on 18.12.2019 at 15.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), piano T, bacheca, Corso Europa 26, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 19.12.2019 at 10.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), piano T, bacheca, Corso Europa 26, Genova.

The interview will be held on 19.12.2019 at 14.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), aula da comunicarsi all'affissione degli ammessi, Corso Europa 26, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Marco Scambelluri on the phone number +39 010 3538307 or via the email address: marco.scambelluri@unige.it

Scientific coordinator: Prof. Marco SCAMBELLURI

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

Title: The Dynamic Mass Transfer from Slabs to Arcs: The use of elastic barometry for P-T estimates.

Description: The present proposal is joint to the PRIN2017 program#2017ZE49E7 (The Dynamic Mass Transfer from Slabs to Arcs), investigating mass transfer from subducting slabs to volcanic arcs. To trace this process, the proposal uses rocks from fossil and present-day subduction settings. The student enrolled will investigate metamorphic crustal and mantle rocks from the fossil Alpine subduction zone (Dora Maira and Alpe Arami units) and mantle xenoliths from the modern subduction context of SW Colombia. The study will provide the depths of rock recrystallization and the thermal structure of subduction zones by thermodynamic modeling, classical thermobarometry and elastic barometry, a new method using the elastic properties of minerals to get the pressure and stress conditions during recrystallization. The enrolled student will gain knowledge on the physical and chemical behavior of minerals and on the thermal structure of the deep Earth.

Scientific disciplinary sector: GEO/07 PETROLOGIA E PETROGRAFIA

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

Required degree:

Laurea V.O. in Scienze Geologiche; Laurea Specialistica della classe 86/S (Scienze Geologiche); Laurea Magistrale classe LM-74 (Scienze Geologiche).

Subjects of the interview:

Petrography and Petrology of high-pressure metamorphic rocks and of mantle rocks, mineral physics, elastic properties of minerals, thermobarometry.

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

RESEARCH PROGRAM NO. 9

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 14.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 18.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

The interview will be held on 19.12.2019 at 9.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Massimiliano Burlando on the phone number +39 010 3352509 or via the email address: massimiliano.burlando@unige.it

Scientific coordinator: Prof. Massimiliano BURLANDO

NO. 1 research fellowship - Duration 2 years – Annual pre-tax amount: € 27.133,00

Title: Meteorological radar, lidar and satellite data processing for thunderstorm classification and analysis.

Description: According to Task B and F of WP1 “Thunderstorm detection” and WP2 “Thunderstorm analysis” of the European Project THUNDERR (www.thunderr.eu), the candidate is asked to develop an automated procedure for thunderstorm detection in the Ligurian Sea since 2018 based on meteorological radar, lidar and/or satellite data and images. The database of thunderstorm events detected through this procedure, cross-checked with other available meteorological data (e.g. reanalysis, lightning strikes, ground station measurements) will be used to classify the weather scenarios in which thunderstorms occur and to study the geometrical and kinematic characteristics of their thunderstorm outflows (downburst).

Scientific disciplinary sector: GEO/12 OCEANOGRAFIA E FISICA DELL'ATMOSFERA

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

Required degree:

Laurea V.O. in Fisica, Ingegneria Civile, Ingegneria per l’Ambiente e il Territorio, Matematica, Scienze Ambientali, Scienze Geologiche; Laurea specialistica delle classi 20/S (Fisica), 28/S (Ingegneria civile), 38/S (Ingegneria per l'ambiente e il territorio), 45/S (Matematica), 82/S (Scienze e tecnologie per l'ambiente e il territorio), 86/S (Scienze geologiche); Laurea magistrale delle classi LM-17 (Fisica), LM-23 (Ingegneria civile), LM-35 (Ingegneria per l'ambiente e il territorio), LM-40 (Matematica), LM-75 (Scienze e tecnologie per l'ambiente e il territorio), LM-74 (Scienze e tecnologie geologiche).

Subjects of the interview:

Fundamentals of atmospheric physics and wind engineering. Basic knowledge of computer programming, Linux operating system and Matlab scripting language. Management, analysis and post-processing of meteorological databases.

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

RESEARCH PROGRAM NO. 10

The assessment criteria for the qualifications and the interview will be affixed on 20.12.2019 at 8.30 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Viale Benedetto XV n. 5 1° Piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 20.12.2019 at 12.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Viale Benedetto XV n. 5 1° Piano, Genova.

The interview will be held on 20.12.2019 at 15.00 in Dipartimento di Scienze della Terra, Dell'Ambiente e della Vita (DISTAV), Viale Benedetto XV n. 5 1° Piano, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof.ssa Simona Candiani on the phone number +39 010 3538051 or via the email address: candiani@unige.it

Scientific coordinator: Prof.ssa Simona CANDIANI

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

Title: Creations of transgenic zebrafish models for the study of Alexander's disease and their molecular characterization.

Description: Alexander disease (AxD) is a rare disorder of the nervous system belonging to the leukodystrophies. This disorder is an inherited demyelinating disease primarily inflicts upon the white matter of the central nervous system; AxD is caused by mutation in a gene encoding glial fibrillary acidic protein (GFAP that lead to the production of altered GFAP protein leading to impair the formation of normal intermediate filaments). As a result, the abnormal GFAP protein accumulates in astroglial cells, causing the formation of Rosenthal fibers, which impair cell function. In this project, we plan to develop a zebrafish model that will be useful to deepen inside the molecular pathogenesis of AxD and to study the effects of particular pharmacological treatments for AxD.

Scientific disciplinary sector: BIO/06 ANATOMIA COMPARATA E CITOLOGIA

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

Required degree:

Laurea Magistrale della classe LM-6 (Biologia)

Subjects of the interview:

Experimental approaches to study the molecular basis of genetic diseases in vitro and in vivo. The use of zebrafish in basic and translational research. Recombinant technologies for expression vectors.

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

RESEARCH PROGRAM NO. 11

The assessment criteria for the qualifications and the interview will be affixed on 18.12.2019 at 11.15 in Dipartimento di Medicina Sperimentale (DIMES) - Ist. Fisiologia Umana, Viale Benedetto XV n. 3, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 18.12.2019 at 14.15 in Dipartimento di Medicina Sperimentale (DIMES) - Ist. Fisiologia Umana, Viale Benedetto XV n. 3, Genova.

The interview will be held on 18.12.2019 at 16.00 in Dipartimento di Medicina Sperimentale (DIMES) - Ist. Fisiologia Umana, Viale Benedetto XV n. 3, Genova.

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

Scientific coordinator: Prof. Pietro BALDELLI

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

Title: Electrophysiological characterization of the effects of the low glycemic index diet on epileptogenesis.

Description: Goal of this project is pave the way to an anti-epileptogenic strategy based on the low-glucose diet (LGD) and capable to contrast specifically the epileptogenic pathways at the basis of the seizure onset in patients affected by various forms of monogenic epilepsies. The experimental plan is based on two specific aims: (i) an in vitro investigation of the functional mechanisms underlying the homeostatic effects of compounds mimicking the effects of LGD; (ii) an ex vivo characterization of the efficacy of LGD in reverting the epileptogenic process in two mice models of human monogenic epilepsies, one caused by Na⁺ channel mutations, the other related to mutations of the synaptic vesicle, Synapsin 2, inducing dysfunctions of synaptic transmission.

Scientific disciplinary sector: BIO/09 FISILOGIA

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree:

Laurea Magistrale della classe LM-9 Biotecnologie mediche, veterinarie e farmaceutiche.

Subjects of the interview:

Discussion about: 1) The Research Project of the Master Degree thesis 2) Research experiences in the field of neurophysiology with particular regard to the study of neuronal excitability 3) Technical skills in the field of electrophysiology on primary neuronal cultures and brain slices.

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

RESEARCH PROGRAM NO. 12

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 10.30 in Dipartimento di Medicina Sperimentale (DIMES), Sezione Biochimica, Viale Benedetto XV n. 1, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 13.30 in Dipartimento di Medicina Sperimentale (DIMES), Sezione Biochimica, Viale Benedetto XV n. 1, Genova.

The interview will be held on 16.12.2019 at 15.00 in Dipartimento di Medicina Sperimentale (DIMES), Sezione Biochimica, Viale Benedetto XV n. 1, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof.ssa Santina Bruzzone on the phone number +39 010 3538161 or via the email address: santina.bruzzone@unige.it

Scientific coordinator: Prof.ssa Santina BRUZZONE

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

Title: Characterization of the hematopoietic niche under physiological and stress conditions by the use of microfluidic bioreactors and engineered red blood cells.

Description: This project will be carried out in collaboration with groups from the University of Pavia and from the University of Urbino. In this project, we propose to establish a human in vitro multi-cellular 3D tissue model of the bone marrow (BM) vascular niche for the analysis and the exploitation of the interplay between megakaryocytes, endothelial cells and red blood cells in modulating the release of functional platelets. In our group, the post-doc researcher will collaborate to the study of the biochemical mechanisms of crosstalk between the three cell types within a bioreactor available at the University of Pavia, with special focus on NAD metabolism and calcium signaling, in order to optimize endothelial cells to boost megakaryopoiesis and functional platelet production.

Scientific disciplinary sector: BIO/10 BIOCHIMICA

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree:

Laurea Magistrale delle classi LM-6 (Biologia), LM-13 (Farmacia e Farmacia Industriale), LM-54 (Scienze Chimiche), LM-9 (Biotecnologie mediche, veterinarie e farmaceutiche).

Subjects of the interview:

NAD synthesis; NAD signalling with a special focus on CD38-related calcium mobilizing second messengers; role of extracellular NAD as modulator of different processes. General principles and techniques in cell biology, molecular biology and biochemistry.

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

RESEARCH PROGRAM NO. 13

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 9.30 in Dipartimento di Medicina Sperimentale (DIMES) - Laboratorio di Oncologia Cellulare, IST Nord, IRCCS Ospedale Policlinico San Martino, Largo Rosanna Benzi 10, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 13.00 in Dipartimento di Medicina Sperimentale (DIMES) - Laboratorio di Oncologia Cellulare, IST Nord, IRCCS Ospedale Policlinico San Martino, Largo Rosanna Benzi 10, Genova.

The interview will be held on 17.12.2019 at 14.30 in Dipartimento di Medicina Sperimentale (DIMES) - Laboratorio di Oncologia Cellulare, IST Nord, IRCCS Ospedale Policlinico San Martino, Largo Rosanna Benzi 10, Genova.

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

Scientific coordinator: Prof. Aldo PAGANO

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

Title: Genetic alterations in Neuroblastoma.

Description: Our project aims to identify variants in DNA associated with the onset of neuroblastoma. In order to achieve our goals we will try to: 1) Identify the common risk variants associated with the onset of neuroblastoma. 2) Determine how neuroblastoma susceptibility genes lead to the malignant phenotype. 3) generate new potential targets on which to design personalized treatment strategies and prognoses.

Scientific disciplinary sector: BIO/13 BIOLOGIA APPLICATA

Place: Dipartimento di Medicina Sperimentale (DIMES)

Required degree:

Laurea V.O. in Chimica e Tecnologie Farmaceutiche o Chimica e tecnologia farmaceutiche, in Biotecnologie indirizzo Biotecnologie mediche, in Biotecnologie indirizzo Biotecnologie farmaceutiche, in Scienze Biologiche, in Medicina e Chirurgia, in Chimica; Laurea magistrale delle classi LM-13 (Farmacia e farmacia industriale), LM-6 (Biologia), LM-41 (Medicina e chirurgia), LM-09 (Biotecnologie mediche, veterinarie e farmaceutiche), LM-54 (Scienze chimiche).

Subjects of the interview:

Molecular biology of tumor cells of the nervous system with particular reference to pediatric tumors of the sympathetic nervous system.

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

RESEARCH PROGRAM NO. 14

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 10.00 in Dipartimento di Scienze della Salute (DISSAL) - sezione Biostatistica, Via Pastore 1, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 13.00 in Dipartimento di Scienze della Salute (DISSAL) - sezione Biostatistica, Via Pastore 1, Genova

The interview will be held on 16.12.2019 at 14.30 in Dipartimento di Scienze della Salute (DISSAL) - sezione Biostatistica, Via Pastore 1, Genova

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

Scientific coordinator: Prof.ssa Maria Pia SORMANI

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

Title: An MRI biomarker for disability progression for use in clinical trial.

Description: The aim of the project is the development of markers for the clinical progression of the disease in patients with Multiple Sclerosis Primary Progressive , which can be used as primary outcome measures in phase 2 studies. The idea is that the progression of the disease related to brain lesion in MS will be detectable through the MRI before its clinical expression and that we will be able to develop such markers by identifying the characteristics of the lesions detected in MRI. To this end, a series of international controlled clinical trial databases will be available. Aim of the project is an advanced statistical analysis of these data with a training / validation procedure, to define early markers of prognosis and treatment response to be used in future clinical trials.

Scientific disciplinary sector: MED/01 STATISTICA MEDICA

Place: Dipartimento di Scienze della Salute (DISSAL)

Required degree:

Dottorato di ricerca in Scienze della salute, curriculum Statistica.

Subjects of the interview:

Main outcomes in Multiple Sclerosis – Statistical Methodology applied to Multiple Sclerosis.

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

RESEARCH PROGRAM NO. 15

The assessment criteria for the qualifications and the interview will be affixed on 19.12.2019 at 9.00 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Clinica Neurologica, piano terra, Largo Daneo 3, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 19.12.2019 at 12.00 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Clinica Neurologica, piano terra, Largo Daneo 3, Genova

The interview will be held on 19.12.2019 at 14.00 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), la Biblioteca al 1 piano della Clinica Neurologica, Largo Daneo 3, Genova

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

Scientific coordinator: Prof. Carlo TROMPETTO

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

Title: Non-invasive neurophysiological study of swimming-induced muscle fatigue.

Description: The aim of the project is the study of fatigue indicator parameters during and after a maximal stress test on 100 m front crawl on 100 adults recruited from experienced swimmers. Muscle fatigue, fatigue tolerance and muscle recovery will be evaluated during and after the test, through the measurement of physiological parameters such as blood lactate and heart rate, evolution of kinematic swimming parameters and surface electromyography. The electromyographic signal will be acquired by the pectoral, deltoid, dorsal and tricep muscles, using a waterproof wireless EMG. The results of this study will be useful for developing strategies for athletic and technical preparation. Furthermore, this protocol will be extended to Paralympic athletes with central nervous system lesions.

Scientific disciplinary sector: MED/34 MEDICINA FISICA E RIABILITATIVA

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

Required degree:

Laurea magistrale della classe LM-67 (Scienze e tecniche delle attività motorie preventive e adattative).

Subjects of the interview:

Surface EMG; non-invasive neurophysiological evaluation; muscle fatigue; physiological and kinematic mechanisms in swimming; statistical principles.

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

RESEARCH PROGRAM NO. 16

The assessment criteria for the qualifications and the interview will be affixed on 18.12.2019 at 9.30 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Istituto 'G. Gaslini', Neurologia Pediatrica e malattie muscolari, Via Gaslini, Padiglione 16, I Piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 18.12.2019 at 12.30 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Istituto 'G. Gaslini', Neurologia Pediatrica e malattie muscolari, Via Gaslini, Padiglione 16, I Piano, Genova.

The interview will be held on 18.12.2019 at 13.00 in Dipartimento di Neuroscienze, Riabilitazione, Oftalmologia, Genetica e Scienze Materno-Infantili (DINOEMI), Istituto 'G. Gaslini', Neurologia Pediatrica e malattie muscolari, Via Gaslini, Padiglione 16, I Piano, Genova.

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

Scientific coordinator: Prof. Pasquale STRIANO

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

Title: “Beyond Epilepsy”: early targeted re-sequencing in childhood epilepsy.

Description: Next-generation sequencing (NGS) is the fastest, most precise and most advantageous tool for arriving at early diagnosis, allowing us to make therapeutic decisions with a view to increasingly personalized medicine. Genetic panels allow the testing of children with early epilepsy in order to identify patients with potentially curable diseases, such as CLN2, a rare neurodegenerative pathology linked to TPP1 mutations, which are candidates for targeted therapy with cerliponase alfa. We will recruit patients between 2 and 5 years of age, with onset of epilepsy from second year of life and motor or speech delay to identify genetic variants suggestive of early, potentially curable epileptic encephalopathies by means of a NGS panel.

Scientific disciplinary sector: MED/38 PEDIATRIA GENERALE E SPECIALISTICA

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

Required degree:

Laurea magistrale della classe LM-41 Medicina e Chirurgia.

Subjects of the interview:

Epilepsy genetics, epileptic encephalopathies, diagnostic techniques in epilepsy.

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

RESEARCH PROGRAM NO. 17

The assessment criteria for the qualifications and the interview will be affixed on 19.12.2019 at 8.30 in Dipartimento di Scienze della Salute (DISSAL) - Centro Interuniversitario di Ricerca sull'Influenza e le altre Infezioni Trasmissibili (CIRI-IT), Via Pastore 1, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 19.12.2019 at 11.30 in Dipartimento di Scienze della Salute (DISSAL) - Centro Interuniversitario di Ricerca sull'Influenza e le altre Infezioni Trasmissibili (CIRI-IT), Via Pastore 1, Genova.

The interview will be held on 19.12.2019 at 14.30 in Dipartimento di Scienze della Salute (DISSAL) - Centro Interuniversitario di Ricerca sull'Influenza e le altre Infezioni Trasmissibili (CIRI-IT), Via Pastore 1, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Giancarlo Icardi on the phone number +39 010 5552375 or via the email address: icardi@unige.it

Scientific coordinator: Prof. Giancarlo ICARDI

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

Title: Epidemiologic, clinical and laboratory surveillance of influenza and other acute respiratory infections.

Description: Influenza and Acute Respiratory Infections (ARIs) are a serious threat to people's health. Indeed, infections of the upper respiratory tract were the most frequent cause of disease worldwide in 2015, with an incidence of 17.2 billion cases of illness (95% CI: 15.4 to 19.2 billion). Today, several hundred pathogenic bacterial and viral agents are known to be involved in respiratory infections. Some of these micro-organisms are recognized by the World Health Organization (WHO) as high-risk pathogens for public health on account of their epidemic and pandemic potential. The planning and implementation of adequate systems of integrated surveillance and diagnosis are therefore a priority in terms of public health research. This project comprises two principal lines of research: 1) Planning and implementation of a system of integrated epidemiological and laboratory surveillance; 2) laboratory activity with molecular methods for the identification of pathogens cause of acute respiratory infections.

Scientific disciplinary sector: MED/42 IGIENE GENERALE E APPLICATA

Place: Dipartimento di Scienze della Salute (DISSAL)

Required degree:

Laurea magistrale della classe LM-9 (Biotecnologie mediche, veterinarie e farmaceutiche).

Subjects of the interview:

Influenza and vaccination. Acute Respiratory Infections (ARIs) and new prevention strategies. Surveillance systems: aims and opportunities. Laboratory methodologies for influenza and other acute respiratory infections identification.

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

RESEARCH PROGRAM NO. 18

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 9.00 in Centro di eccellenza per lo studio dei meccanismi molecolari di comunicazione tra cellule: dalla ricerca di base alla clinica (CEBR), Viale Benedetto XV n. 9, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 12.00 in Centro di eccellenza per lo studio dei meccanismi molecolari di comunicazione tra cellule: dalla ricerca di base alla clinica (CEBR), Viale Benedetto XV n. 9, Genova.

The interview will be held on 17.12.2019 at 15.00 in Centro di eccellenza per lo studio dei meccanismi molecolari di comunicazione tra cellule: dalla ricerca di base alla clinica (CEBR), Viale Benedetto XV n. 9, Genova.

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

Scientific coordinator: Prof. Gilberto FILACI

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

Title: Preclinical studies of antitumoral vaccination protocols based on marine-derived molecules having chemotherapeutic action on mouse and humanized models of lung carcinoma, myeloma and melanoma.

Description: The aim of the project is to evaluate the immunostimulatory effect of a new natural derivative molecule (β -SQDG18) derived from the microalgae *Thalassiosira weissflogii* on two antitumoral vaccination protocols against myeloma and lung carcinoma. Based on the previous data obtained both in vitro and in vivo, the study will aim to test β -SQDG18 in association with the cell lysate derived from LLC lung carcinoma cell line and J558L myeloma cell line. It has been shown in many studies how the cell lysate of tumor cells is an effective vaccine antigen able to induce an antitumor response mediated by CD8 + T lymphocytes. The second aim of the project will be to test the in vivo chemotherapeutic activity of two marine-derived molecules with already known in vitro inhibitory activity on the tumor cell line growth and stimulation on antigen presenting cells.

Scientific disciplinary sector: MED/46 SCIENZE TECNICHE DI MEDICINA DI LABORATORIO

Place: Centro di eccellenza per lo studio dei meccanismi molecolari di comunicazione tra cellule: dalla ricerca di base alla clinica (CEBR)

Required degree:

Dottorato di ricerca in Immunologia clinica e sperimentale.

Subjects of the interview:

Innate and adoptive immunity, immune tolerance, tumor immune escape, adjuvants for vaccination, immune regulatory activities of DNA, regulatory T lymphocytes, in vitro proliferation assays and in vitro evaluation of suppressive activity, basic principles of flow cytometry, cell cultures, animal care.

RESEARCH PROGRAM NO. 19

The assessment criteria for the qualifications and the interview will be affixed on 18.12.2019 at 10.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 18.12.2019 at 13.15 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

The interview will be held on 18.12.2019 at 14.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Montallegro 1, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Marco Enrico Colombini on the phone number +39 010 3352478 or via the email address: Marco.Colombini@unige.it

Scientific coordinator: Prof. Marco Enrico COLOMBINI

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

Title: Linear and nonlinear stability analyses for morphodynamic problems.

Description: Linear and nonlinear analyses have been widely used in the past to study the formation of patterns, in particular in the field of Morphodynamics, the science which studies the interactions between an erodible bed and the flow. The candidate's work will aim at developing linear and weakly nonlinear stability analyses, with specific focus on the sorting processes which are observed when the bed is composed by a mixture of sediments of different grain size.

Scientific disciplinary sector: ICAR/01 IDRAULICA

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

Required degree:

Dottorato di Ricerca in Ingegneria Civile e Ambientale.

Subjects of the interview:

Perturbation methods, Linear stability analysis.

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

RESEARCH PROGRAM NO. 20

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 14.00 in Dipartimento Architettura e Design (DAD), Direzione, Stradone Sant'Agostino 37, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 17.00 in Dipartimento Architettura e Design (DAD), Direzione, Stradone Sant'Agostino 37, Genova.

The interview will be held on 17.12.2019 at 17.30 in Dipartimento Architettura e Design (DAD), Direzione, Stradone Sant'Agostino 37, Genova.

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

Scientific coordinator: Prof. Niccolò CASIDDU

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

Title: Social Robot Design: research and development of new design solutions in robotic assistive technology and ICT field for hospital and home applications.

Description: The research aims to design and develop innovative collaborative robotics solutions by creating advanced interaction models aimed at motivating active aging and responsible participation of people in their care. The aim of the research is to study and verify the acceptability and usability of robotic systems designed to improve the quality of life of the elderly and the quality of work of the assistants.

Scientific disciplinary sector: ICAR/13 DISEGNO INDUSTRIALE

Place: Dipartimento Architettura e Design (DAD)

Required degree:

Dottorato di ricerca in Design.

Subjects of the interview:

Interaction design, design for Ambient Assisted Living, design and remote assistance/telemedicine, best practices of design for All for active ageing.

RESEARCH PROGRAM NO. 21

The assessment criteria for the qualifications and the interview will be affixed on 19.12.2019 at 8.45 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via Montallegro 1, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 19.12.2019 at 11.45 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via Montallegro 1, Genova.

The interview will be held on 19.12.2019 at 12.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via Montallegro 1, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof.ssa Paola Gualeni on the phone number +39 0103352428 or via the email address: paola.gualeni@unige.it

Scientific coordinator: Prof.ssa Paola GUALENI

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

Title: Development of an innovative approach for ship design in a life-cycle perspective.

Description: The aim is to develop a methodology and a decision support system enabling the assessment of ship design alternatives in a life cycle perspective. A specific attention will be paid to operational costs (e.g. maintenance costs for E.R.) and the main parameters and the most appropriate KPIs (Key Performance Indicator) for their evaluation will be selected. The tool will enable the comparison among different design solution in terms of costs (CAPEX and OPEX) together with the environmental impact, within the wider methodology already developed by the research team named Life Cycle Performance Assessment Tool. Applications for the methodology validation will be carried out for a oceanographic research vessel.

Scientific disciplinary sector: ING-IND/01 ARCHITETTURA NAVALE

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

Required degree:

Laurea Specialistica della classe 37/S in Ingegneria Navale; Laurea Magistrale della classe LM-34 in Ingegneria Navale.

Subjects of the interview:

Ship design, ship typologies (technical characteristics and operational profile), fundamentals of LCA (Life Cycle Assessment) and LCC (Life Cycle Cost).

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

RESEARCH PROGRAM NO. 22

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 9.30 in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME) sezione MASET, Via Montallegro 1 – Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 12.30 in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME) sezione MASET, Via Montallegro 1 – Genova.

The interview will be held on 17.12.2019 at 13.00 in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME) sezione MASET, Via Montallegro 1 – Genova.

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

Scientific coordinator: Prof. Carlo CRAVERO

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

Title: Development of design approaches for turbomachinery design.

Description: The research activity is aimed at the development of design methods for high performance turbomachinery. The study is focused on fans, compressors or blowers. A fundamental aspect of the research is the development of parametric design tools for each turbomachinery component (impeller, diffuser and volute) and their interface with simulation platforms commercially available or developed in previous research activity by the research unit. Design optimisation or soft-computing strategies and tools could be integrated into the design suite. The turbomachinery performance at design condition and off-design are considered in order to increase the operating range or lower the noise emission.

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

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

Required degree:

Dottorato di ricerca in Energetica.

Subjects of the interview:

Turbomachinery (fans, compressors and blowers), computational fluid dynamics, design methods.

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

RESEARCH PROGRAM NO. 23

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 9.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15a, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 12.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15a, Genova.

The interview will be held on 17.12.2019 at 12.30 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15a, Genova.

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

Scientific coordinator: Prof.ssa Elisabetta ARATO

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

Title: Validation of active silica obtained from the controlled incineration of rice straw for treatment of polluted aqueous mediums.

Description: The study is framed within the LIFE LIBERNITRATE project whose aim is to reduce nitrates in the comprehensive water cycle through the use of active silica beds. Specifically, the aim of this study will be the demonstration of the use of ash filters with a high degree of silica, obtained through the controlled incineration of rice straw. The final objective will be the validation of the replicability (treatment of water with nitrates) and transferability (treatment of water with heavy metals) of the results obtained in the previous stages of the project. At the same time, the analysis and monitoring of all the environmental parameters related to each of the stages of the project will be conducted.

Scientific disciplinary sector: ING-IND/24 PRINCIPI DI INGEGNERIA CHIMICA

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

Required degree:

Dottorato di ricerca in Fluidodinamica e Processi dell'Ingegneria Ambientale.

Subjects of the interview:

Process analysis and simulation, chemical thermodynamics and kinetics, chemical reactor theory.

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

RESEARCH PROGRAM NO. 24

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 10.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 14.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15, Genova.

The interview will be held on 17.12.2019 at 15.00 in Dipartimento di Ingegneria Civile, Chimica e Ambientale (DICCA), Via Opera Pia 15, Genova.

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

Scientific coordinator: Prof.ssa Patrizia PEREGO

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

Title: Production of food packaging enhanced by extract from spent coffee grounds.

Description: The research project aims to the production of innovative materials for food packaging, obtained by blending of polymers subjected to electrospinning or solvent casting and functionalized with extracts from residues of coffee production. Objectives of the project are: obtaining an antioxidant-rich extract from spent coffee grounds, improving mechanical properties of polymeric films produced by zein electrospinning by finding a suitable co-polymer, and its functionalization with the extract. The functionalized material will be subjected to mechanical analyses and migration tests in food simulants, to antimicrobial and antioxidant properties evaluation.

Scientific disciplinary sector: ING-IND/25 IMPIANTI CHIMICI

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

Required degree:

Dottorato di ricerca in Ingegneria Chimica, dei Materiali e di Processo.

Subjects of the interview:

Techniques for the evaluation of food contact materials, strategies for engineering polymeric materials with bioactive molecules, extraction techniques for thermo-sensitive compounds, spent coffee grounds properties and technologies for maximizing the recovery of antioxidants from the matrix object of the study, analytical techniques for the determination of physico-chemical and mechanical properties of polymers, methods for cultivation of E.coli and S. cerevisiae, evaluation of antimicrobial properties and modeling of the kinetic release of bioactive molecules and of their degradation rate.

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

RESEARCH PROGRAM NO. 25

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 9.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11a, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 12.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11a, Genova.

The interview will be held on 16.12.2019 at 12.15 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11a, Genova.

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

Scientific coordinator: Prof. Maurizio MAZZUCHELLI

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

Title: Research activity identifying methodologies for the definition of intermodal nodes and integration with rapid mass public transport systems.

Description: Research activity concerning the definition of dimensional parameters and the design of intermodal nodes, aimed at integration with rapid mass public transport systems and monorail systems. Methodologies for territorial analysis (GIS, CAD, Google Earth Plus or Professional tools), for the definition of safety and security measures, MAAS (Mobility As A Service) platforms and tools for accessibility.

Scientific disciplinary sector: ING-IND/32 CONVERTITORI, MACCHINE E AZIONAMENTI ELETTRICI

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

Required degree:

Laurea Magistrale delle classi LM-23 (Ingegneria civile), LM-26 (Ingegneria della sicurezza).

Subjects of the interview:

1. Electric public transport systems characterized by a significant innovative technological component, high hourly handling capacity and reduced environmental impacts (technical knowledge of infrastructure and vehicles). The candidate must be able to evaluate the best transport methodology available among the various possible alternatives according to the interconnection with other systems dedicated to urban and extra-urban mobility, growth potential of mobility demand, the infrastructure, the place in which it will be located and the technical-economic needs characteristic of the application case. 2. Analysis and data processing (mobility demand and modal split) aimed at remodeling local public transport systems deriving from the commissioning of new services and/or use of vehicleless with reduced environmental impact 3. Knowledge of administrative and technical procedures for interaction with external partners at European level.

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

RESEARCH PROGRAM NO. 26

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 8.30 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Viale Causa 13, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 13.30 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Viale Causa 13, Genova.

The interview will be held on 16.12.2019 at 14.00 in Dipartimento di Informatica, Bioingegneria, Robotica e Ingegneria dei Sistemi (DIBRIS), Viale Causa 13, Genova.

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

Scientific coordinator: Prof. Alessandro ARMANDO

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

Title: Cyber-risk management in complex organizations.

Description: During the first year the candidate will investigate strengths and weaknesses of the relevant standards and methodologies for the management of cyber risk in complex organizations and will identify those that are best suited to academic and research organizations. During the second year the candidate will develop a new cybersecurity management framework for academic and research organizations that will encompass the evaluation of the cyber risk as well as the identification of the risk mitigation actions. The effectiveness of the proposed solution will be experimentally validated by applying it to at least two organizations.

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

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

Required degree:

Laurea Magistrale delle classi LM-18 (Informatica), LM-32 (Ingegneria Informatica), LM-40 (Matematica), LM-44 (Modellistica Matematico-Fisica per l'ingegneria), LM-27 (Ingegneria delle Telecomunicazioni), LM-28 (Ingegneria Elettrica), LM-29 (Ingegneria Elettronica), LM-21 (Ingegneria biomedica).

Subjects of the interview:

Computer Security; Security policies; Application security; Access control in distributed systems.

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

RESEARCH PROGRAM NO. 27

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 12.00 in Dipartimento di Lingue e Culture Moderne, Piazza Santa Sabina 2, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 15.00 in Dipartimento di Lingue e Culture Moderne, Piazza Santa Sabina 2, Genova.

The interview will be held on 16.12.2019 at 16.30 in Dipartimento di Lingue e Culture Moderne, Piazza Santa Sabina 2, Genova.

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

Scientific coordinator: Prof.ssa Laura SALMON

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

Title: “Putin’s era” and the end of Postmodernism. Hypothesizing a return to literary Realism, traditional canons, and the “antroposopic” model.

Description: After the dissolution of USSR, the start of capitalism and the “digital revolution”, Russia experienced a dramatic period of transition with a deep socio-economic, cultural, and identity crisis. The historical primacy of literature in Russia was undermined by the drastic inversion of values. The surviving forms of “serious” literature rapidly evolved in a centrifugal way, as well known, through the era of Russian “Postmodernism”. There are as yet no accurate studies of the decline of “Postmodernism” and of the new 21st-century centripetal trends. We hypothesize that in “Putin’s era” a sort of cultural “recovery” of the traditional (printed) literature, whether or not the term Renaissance can be applied.

Scientific disciplinary sector: L-LIN/21 SLAVISTICA

Place: Dipartimento di Lingue e Culture Moderne

Required degree:

Dottore di Ricerca in ambito letterario, con tesi su argomento di afferenza al SSD L-LIN/21.

Subjects of the interview:

Contemporary Russian literature, methods of investigation in literary history/criticism.

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

RESEARCH PROGRAM NO. 28

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 9.30 in Dipartimento di Antichità, Filosofia e Storia (DAFIST), Ufficio Prof. Domaneschi, Via Balbi 30, 7° piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 16.12.2019 at 14.00 in Dipartimento di Antichità, Filosofia e Storia (DAFIST), Ufficio Prof. Domaneschi, Via Balbi 30, 7° piano, Genova.

The interview will be held on 17.12.2019 at 9.30 in Dipartimento di Antichità, Filosofia e Storia (DAFIST), Ufficio Prof. Domaneschi, Via Balbi 30, 7° piano, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Filippo Domaneschi on the phone number +39 010 2095785 or via the email address: filippo.domaneschi@unige.it

Scientific coordinator: Prof. Filippo DOMANESCHI

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

Title: Linguistic and neuropsychological factors in understanding presuppositions.

Description: The research fellow will be involved in the research activity of the Laboratory of Language and Cognition (DAFIST - University of Genoa) directed by Prof. Filippo Domaneschi. The work of the researcher will focus on an experimental research line concerning the linguistic and neuropsychological factors in understanding presuppositions. In particular, the researcher will be involved in the preparation and administration of two experimental works based on the use of both behavioural and neurolinguistic methods (E.g EEG) aimed at investigating the role of verbal working memory in processing different kinds of presupposition triggers. The ideal candidate should demonstrate: solid knowledge in formal semantics, ability to run statistical analysis with R and to set up and administer EEG experiments.

Scientific disciplinary sector: M-FIL/05 FILOSOFIA E TEORIA DEI LINGUAGGI

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

Required degree:

Dottorato in Filosofia o in Linguistica.

Subjects of the interview:

The interview will focus on the specific skills of the candidate and on the adequacy of his/her profile with respect to the activity required by the research project. The candidate will be evaluated in particular with respect to her/his methodological skills and her/his knowledge of the formal semantic theories of presuppositions (like Context Change Semantics and Discourse Representation Theory) taken into account in the research project.

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

RESEARCH PROGRAM NO. 29

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 9.00 in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3a, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 12.00 in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3a, Genova.

The interview will be held on 17.12.2019 at 15.00 in Dipartimento di Scienze Politiche (DISPO), Piazzale Emanuele Brignole n. 3a, Genova.

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

Scientific coordinator: Prof.ssa Ilaria QUEIROLO

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

Title: Minor's Right to Information in EU civil actions (MiRI)(JUST-JCOO-AG-2018-831608).

Description: Within the research, the researcher will cover the activities linked to the EU project "Minor's Right to Information in EU civil actions (MiRI)". The researcher will study the rules, case law and practices developed in Italy in the field of cross-border civil proceedings concerning children, with particular reference to the right of the child to receive adequate information. Furthermore, the researcher will participate in all project's activities and in particular to the organization of a seminar for legal professionals and to the draft of the final publication of the project on the basis of the results obtained at the EU level in the other countries involved.

Scientific disciplinary sector: IUS/14 DIRITTO DELL'UNIONE EUROPEA

Place: Dipartimento di Scienze Politiche (DISPO)

Required degree:

Dottorato di ricerca in Scienze Sociali (curriculum Scienze Politiche); Dottorato di ricerca in Diritto (Curriculum Diritto civile, commerciale e internazionale).

Subjects of the interview:

European private and procedural international law in civil and commercial matters; Regulation EC 2201/2003 and Regulation EU 2019/1111; Family Law; Fundamental rights of the child.

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

RESEARCH PROGRAM NO. 30

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 15.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 18.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The interview will be held on 17.12.2019 at 18.10 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Luca Queirolo Palmas on the phone number +39 010 20953734 or via the email address: luca.palmas@unige.it

Scientific coordinator: Prof. Luca QUEIROLO PALMAS

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

Title: External Frontiers: migratory flows and socio-economic in border zones; within the project "Borderlands. Research for the preparation of a European proposal".

Description: The post will serve to develop from one side a fieldwork of research focused on Southern European frontiers, that are interested by the Central-Mediterranean migratory route; from the other side on the preparation, planning and elaboration of a proposal to be presented at the ERC-Advanced 2021 call, working on the organisation of events of international academic debate and the delivery of research findings through the dissemination of articles on international scientific publication. Furthermore, the researcher will deal with the management, dissemination and logistics of the "Euphemia" installation – as an innovative research device –, whose experimentation will provide elements for the drafting of the ERC.

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

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree:

Dottorato di ricerca in Scienze Sociali curriculum in sociologia, antropologia, geografia sociale, educazione, migrazioni.

Subjects of the interview:

Migration Studies, Border Studies, qualitative and ethnographic research methodologies, project managing in the field of scientific research.

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

RESEARCH PROGRAM NO. 31

The assessment criteria for the qualifications and the interview will be affixed on 16.12.2019 at 17.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 8.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The interview will be held on 17.12.2019 at 8.10 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Luca Queirolo Palmas on the phone number +39 010 20953734 or via the email address: luca.palmas@unige.it

Scientific coordinator: Prof. Luca QUEIROLO PALMAS

NO. 1 research fellowship - Duration 2 years – Annual pre-tax amount: € 23.250,00

Title: The interface between transit and reception crisis at the French-Italian border; within the PRIN Project "De-bordering activities and citizenship from below of asylum seekers in Italy. Policies, practices, people". (ASIT).

Description: The project studies the reception system, the return of the borders and the new migration policies, analyzing in particular the interface between border devices and the reception crisis. The proposed methodology is qualitative and ethnographic, privileging the comparative and intersectional dimension. The researcher will carry out bibliographic research in the field of Migration and Border studies and qualitative field work in France and Italy, producing interviews and case studies. Moreover, the researcher will participate in the analysis of the research material and in the project's scientific productions, as well as in the drafting of scientific articles.

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

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree:

Dottorato di ricerca in Scienze Sociali curriculum in sociologia, antropologia, geografia sociale, educazione, migrazioni.

Subjects of the interview:

Migration Studies; Border Studies; qualitative and ethnographic research methodologies; the candidate's academic background, also in relation to the candidate's research experience in European and international scientific networks.

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

RESEARCH PROGRAM NO. 32

The assessment criteria for the qualifications and the interview will be affixed on 17.12.2019 at 10.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 17.12.2019 at 13.00 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

The interview will be held on 17.12.2019 at 13.10 in Dipartimento di Scienze della Formazione (DISFOR), Corso Andrea Podestà 2 - 3° piano, Genova.

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

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Luca Queirolo Palmas on the phone number +39 010 20953734 or via the email address: luca.palmas@unige.it

Scientific coordinator: Prof. Luca QUEIROLO PALMAS

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

Title: The conflictual agency of migrants in transit across the French-Italian border; within the PRIN project «De-bordering activities and citizenship from below of asylum seekers in Italy. Policies, practices, people» (ASIT).

Description: The project studies the reception system, the return of the borders and the new migration policies, analyzing in particular the interface between border devices and the reception crisis. The proposed methodology is qualitative and ethnographic, privileging the comparative and intersectional dimension. In particular, the researcher will carry out bibliographic research in the context of reception and migrant subjectivities studies. The researcher will also focus on qualitative and ethnographic fieldwork activities – mainly in Italy – in the production of interviews and case studies and will participate in the analysis of the research material and the project's scientific productions.

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

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree:

Dottorato di ricerca in Scienze Sociali curriculum in sociologia, antropologia, geografia sociale, educazione, migrazioni.

Subjects of the interview:

Migration Studies, border Studies, qualitative and ethnographic research methodologies, the candidate's academic background.

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