

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

The assessment criteria for the qualifications and the interview will be affixed on 29.4.2016 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 29.4.2016 at 12.00 in Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS), Via Dodecaneso 35, Genova

The interview will be held on 29.4.2016 at 13.00 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 Lorenzo ROSASCO

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

Title: Machine learning for complex and dynamical systems.

Description: The project is focused on the development of techniques for analyzing and modeling noisy data, sampled in a stochastic way. The project considers in particular dynamical settings where data need to be processed individually and incrementally. Statistical approaches need to be developed and adapted to the available computational resources to achieve real time results. Emphasis will be on regularization methods for finding stable machine learning solutions both in a supervised and in an unsupervised context, including but not limited to variable selection, dictionary learning, regression and classification.

Scientific disciplinary sector: INF-01 INFORMATICS

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

Required degree:

Laurea Magistrale della classe LM-18 Informatica o LM-21 Ingegneria biomedica

Subjects of the interview:

Machine learning theory and algorithms.

RESEARCH PROGRAM NO. 2

The assessment criteria for the qualifications and the interview will be affixed on **2.5.2016** 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 **3.5.2016** at **11.30** 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 **3.5.2016** at **16.30** in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV), piano T, bacheca, 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. Laura Gaggero on the phone number +39 010 3538317 or via the email address gaggero@dipteris.unige.it

Scientific coordinator: Prof.ssa Laura GAGGERO

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

Title: Petrophysics of geomaterials: innovative investigations and experimental applications.

Description: The investigation of porosity, with different resolution for micropores, capillar pores and macropores are mainly by i) 2D and 3D image analysis and ii) by fluid intrusion. Th research project is addressed to unsolved methodological questions to be verified by direct and indirect methods with stages at italian and foreing highly qualified laboratories. The candidate will compose a dataset with consolidated (synchrotron light) and innovative (continuous water porosimetry) methods. Elaboration and modelling of mineral chemistry, microtexturala and petrophysics data will follow.

Scientific disciplinary sector: GEO/07 PETROLOGY AND PETROGRAPHY

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:

Direct and indirect methods of investigation of petrophysical properties of geomaterials, with particular regard to porosity.

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 28.4.2016 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 29.4.2016 at 9.30 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 29.4.2016 at 14.00 in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV), piano T, bacheca, Corso Europa 26, Genova

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Scientific coordinator: Prof.ssa Laura GAGGERO

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

Title: Implementation of airborne fibers monitoring by Scanning Electron Microscopy + EDS from occupational exposure.

Description: The activity of the research grant is developed within a wider investigation on microstructural, physical, chemical analyses on inorganic fibrous materials from natural sources. The activity is particularly addressed to the analyses of airborne particulate matter on membranes, to its mineralogical characterisation and to the quantification of the fibrous fraction according to the normative. The analytical activity is to be carried out by Scanning Electron Microscopy coupled with EDS, in order to connect the environmental sampling to risk categories defined by the Control Authority. Finally, analytical reports and transmission of the data are part of the monitoring activity, in connection with the lithotypes originating the particulate.

Scientific disciplinary sector: GEO/07 PETROLOGY AND PETROGRAPHY

Place: Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV)

Required degree:

Laurea Magistrale della classe LM-74 Scienze Geologiche o LM-79 Scienze geofisiche o LM-60 Scienze della Natura o LM-75 Scienze e tecnologie per l'ambiente e il territorio o LM-35 Ingegneria per l'ambiente e il territorio

Subjects of the interview:

Asbestos mineralogy, morphological and in situ compositional analytical methods.

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 27.4.2016 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 28.4.2016 at 9.30 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 28.4.2016 at 14.00 in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV), piano T, bacheca, 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. Laura Gaggero on the phone number +39 010 3538317 or via the email address gaggero@dipteris.unige.it

Scientific coordinator: Prof.ssa Laura GAGGERO

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

Title: Implementation of qualitative and quantitative asbestos monitoring in rocks from tunneling excavations by MOCF /XRPD and Scanning Electron Microscopy + EDS.

Description: The activity of the research grant is developed within a wider investigation on microstructural, physical, chemical analyses on inorganic fibrous materials from natural sources. The activity is particularly addressed to the qualitative and quantitative analysis of asbestos in rocks from tunneling excavations by MOCF /XRPD and Scanning Electron Microscopy + EDS.

The analytical activity is to be carried out by the techniques defined by the normative, providing the results in due time within overall tunneling activity.

Scientific disciplinary sector: GEO/07 PETROLOGY AND PETROGRAPHY

Place: Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV)

Required degree:

Laurea Magistrale della classe LM-74 Scienze Geologiche o LM-79 Scienze geofisiche o LM-60 Scienze della Natura o LM-75 Scienze e tecnologie per l'ambiente e il territorio o LM-35 Ingegneria per l'ambiente e il territorio

Subjects of the interview:

Asbestos mineralogy, morphological and in situ compositional analytical methods.

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 2.5.2016 at 9.30 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 2.5.2016 at 12.30 in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV) corso Europa 26, Genova

The interview will be held on 2.5.2016 at 12.40 in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV) corso Europa 26, Genova

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Scientific coordinator: Prof. Roberto CABELLA

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

Title: Mineralogical and petrographic characterization of ancient ceramics: local productions and imports in Liguria.

Description: The research project aims to study, from an archaeometric point of view (by means of optical microscopy, SEM-EDS, and XRF analyses), ceramics both produced and imported in Liguria as well as, more generally, in the western Mediterranean.

Special attention will be given to the characterization of the potential raw materials of Liguria and the most important regional ceramic productions, in particular from: a) the Finale area (prehistoric pottery); b) Savona (medieval slipped or tin-opacified wares); c) Albisola (post-medieval tin-opacified wares); Chiavari area (roman and medieval cooking wares).

Scientific disciplinary sector: GEO/09 MINING RESOURCES, MINERALOGIC AND PETROGRAPHIC APPLICATIONS FOR THE ENVIRONMENT AND FOR CULTURAL HERITAGE

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:

Mineralogical and petrographic techniques applied to ancient ceramics, mineralogical and geological markers of Ligurian ceramics, technical and compositional characteristics of the main Mediterranean pottery productions.

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

SCIENTIFIC DISCIPLINARY AREA: BIOLOGY
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RESEARCH PROGRAM NO. 6

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 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 28.4.2016 at 14.00 in Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV), Corso Europa 26, Genova

The interview will be held on 3.5.2016 at 9.00 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. Luigi MINUTO

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

Title: Analysis of the potential ecological niche in plants: its use in integrated taxonomy and in conservation plans for plants endemic to SW Alps.

Description: The projects will apply new methodologies to increase the knowledge about the use of ecology in the taxonomic delimitation of species and to make available new information about the interference of climate change on plants life.

The concrete products obtainable from the development of this project are:

1. Red List of plant species endemic to the South-Western Alps on the basis of their risk due to climate change.
2. Map of the areas most exposed to risks and any persistence areas: the number of maps to be produced will be to assess according to the number of climate prediction scenarios used and to the periods considered
3. Guidelines for the conservation of endangered plant species in the dimension of climate change.

Scientific disciplinary sector: BIO/02 SYSTEMATIC BOTANY

Place: Dipartimento di Scienze della terra, dell'ambiente e della vita (DISTAV)

Required degree:

Dottorato di ricerca in Botanica Applicata all'Agricoltura e all'Ambiente

Subjects of the interview:

Basic knowledge about Biogeography. Knowledge about Alpine flora and in particular about plant endemic species of SW Alps. The skills of the candidate in working autonomously will be evaluated together with his experience in innovative scientific techniques. The capacity to interact with a working group will be evaluated together with the ability in managing the job.

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 3.5.2016 at 9.00 in Dipartimento di Medicina interna e Specialità mediche (DIMI) - Sezione Farmacologia - Viale Benedetto XV – 2, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 3.5.2016 at 12.00 in Dipartimento di Medicina interna e Specialità mediche (DIMI) - Sezione Farmacologia - Viale Benedetto XV – 2, Genova

The interview will be held on 3.5.2016 at 12.15 in Dipartimento di Medicina interna e Specialità mediche (DIMI) - Sezione Farmacologia - Viale Benedetto XV – 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. Tullio FLORIO

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

Title: Isolation and pharmacological characterization of cancer stem cells.

Description: The research activity is aimed to obtain several cancer stem cell (CSC) cultures starting from tumor tissues derived from the surgery, and their phenotypical and pharmacological characterization. CSC will be maintained in a defined medium additioned with growth factors, such as EGF and FGF, in order to ensure the growth of CSC. Using immunocytofluorescence and western-blot techniques, the differential expression of stem cell markers will be verified in cells grown in stem-permissive and differentiated conditions. Moreover the pharmacological responsivity will be tested in cell survival experiments using trastuzumab and related drugs.

Scientific disciplinary sector: BIO-14 PHARMACOLOGY

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

Required degree:

Dottorato di ricerca in Neuroscienze o Neuroscienze Sperimentali o Neurofisiologia e Neurofarmacologia

Subjects of the interview:

Role of cancer stem cell in biology and therapy of tumors; possible pharmacological targets on cancer stem cells; mechanism of action of biological antitumoral drugs.

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 28.4.2016 at 9.00 in Dipartimento di Medicina sperimentale (DIMES) - Sezione Anatomia Umana - Via A. De Toni 14, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 28.4.2016 at 12.00 in Dipartimento di Medicina sperimentale (DIMES) - Sezione Anatomia Umana - Via A. De Toni 14, Genova

The interview will be held on 28.4.2016 at 15.00 in Dipartimento di Medicina sperimentale (DIMES) - Sezione Anatomia Umana - Via A. De Toni 14, 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. Tullio FLORIO

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

Title: Identification and characterization of the catalytic subunit of the phosphatase and proteome involved in the activity of trastuzumab.

Description: The candidate must identify, characterize and validate the catalytic subunits of the phosphatase/s involved in the activity of Trastuzumab (Tz) and identify the specific proteome involved in their activation. The objective is therefore dual, on one hand the characterization of phosphatase involved will serve for a better definition of their role in human breast cancer cell lines (BCa) and in stem cells of spontaneous primary tumors of the dog breast (DCSC), on the other hand the identification of the proteome can identify hit and / or target sites, potentially involved in the process of resistance to Tz. Studies will be carried out using stable BCa and dCSC.

Scientific disciplinary sector: BIO-14 PHARMACOLOGY

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

Required degree:

Laurea V.O. in Medicina e Chirurgia o Fisica o Ingegneria Medica o Scienze Biologiche o Biotecnologie indirizzo Biotecnologie Medico-Farmaceutiche

Laurea Magistrale della classe LM-41 Medicina e chirurgia o LM-17 Fisica o LM-21 Ingegneria biomedica o LM-6 Biologia o LM-9 Biotecnologie mediche, veterinarie e farmaceutiche

Subjects of the interview:

Biology of ErbB receptors; molecular mechanisms of ErbB-mediated transduction systems and endocytosis; trastuzumab and drug targeted therapies; biochemistry, confocal and electronic microscopy techniques.

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 4.5.2016 at 9.00 in Dipartimento di Scienze della Salute (DISSAL), 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 4.5.2016 at 12.00 in Dipartimento di Scienze della Salute (DISSAL), Via Pastore 1, Genova

The interview will be held on 4.5.2016 at 14.00 in Dipartimento di Scienze della Salute (DISSAL), 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: € 19.367,00

Title: Building a dynamic prognostic score using longitudinal clinical assessments in RRMS patients with long term follow up data.

Description: The aim of the project is to develop a “dynamic” prognostic score, based on the evolving clinical characteristics of Relapsing Remitting Multiple Sclerosis (RRMS) patients followed with regular clinical examinations over time for a long term follow up period (>10 years), analyzing data from the registry MSBases (>35000 patients). With the development of new immune therapies, whose early use is strongly encouraged, it is crucial to dispose of reliable clinical predictors to identify the patients who are candidates for early or aggressive therapies. Unfortunately, prognostic scores based on baseline characteristics of RRMS patients have a poor predictive value. Based on the idea that the risk of progression for RRMS patients changes once new events are detected, we would try to develop a time-evolving prognostic score, based on the evidence of new disease activity emerging over time.

Scientific disciplinary sector: MED/01 MEDICAL STATISTICS

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Laurea V.O. in Statistica o Scienze statistiche demografiche e sociali

Laurea Specialistica della classe 48/S Metodi per l'analisi valutativa dei sistemi complessi o 92/S Statistica per la ricerca sperimentale o 90/S Statistica demografica e sociale

Laurea Magistrale della classe LM-82 Scienze Statistiche

Subjects of the interview:

Longitudinal regression models, Dynamic models, Mixed effect models.

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 4.5.2016 at 9.00 in Dipartimento di Scienze della Salute (DISSAL), 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 4.5.2016 at 12.00 in Dipartimento di Scienze della Salute (DISSAL), Via Pastore 1, Genova

The interview will be held on 4.5.2016 at 12.30 in Dipartimento di Scienze della Salute (DISSAL), 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. Emilio DI MARIA

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

Title: Application of Genetics in the Elderly: Development, Integration, Analyses – AGE-DIAMond: development of the framework for the evaluation of genetic determinants of clinical outcome in the elderly.

Description: Objective of the present proposal is to develop a framework for systematic evaluations of genetic determinants of clinical outcomes in the elderly, based in a real-world hospital setting.

Specific aims: i) to validate a tool for ascertainment of family history in patients with cognitive decline; ii) to estimate neuropsychiatric symptoms in demented patients and associations with constitutive features; iii) to validate measures of treatment response as endpoints in clinical pharmacogenetics studies.

A cohort of patients will be enrolled at inpatient and outpatient geriatric clinics of the Galliera Hospital, Genova, and ascertained via validated multidimensional tools; several clinical variables will be collected as outcome measures, including response to therapy, incident infections, etc

Scientific disciplinary sector: MED/03 MEDICAL GENETICS

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Laurea V.O. in Medicina e Chirurgia o Scienze Biologiche o Psicologia o Biotecnologie indirizzo Biotecnologie farmaceutiche o Biotecnologie indirizzo Biotecnologie mediche o Chimica e Tecnologie Farmaceutiche o Farmacia

Laurea Specialistica della classe 46/S Medicina e Chirurgia o 6/S Biologia o 58/S Psicologia o 9/S Biotecnologie mediche, veterinarie e farmaceutiche o 14/S Farmacia e farmacia industriale

Laurea Magistrale della classe LM-41 Medicina e Chirurgia o LM-6 Biologia o LM-51 Psicologia o LM-9 Biotecnologie mediche, veterinarie e farmaceutiche o LM-13 Farmacia e farmacia industriale

Laurea della classe LM/SNT4 Scienze delle professioni sanitarie della prevenzione

Subjects of the interview:

Elements of Good Clinical Practice and applications to clinical research, with special regard to oncology, neurology and geriatrics. Principles of genetic epidemiology and pharmacogenetics; genetic determinants of cognitive deficit. Methodology of Evidence Based Medicine: retrieval and analysis of scientific literature, preparation of systematic reviews, etc; methodology for the preparation of projects, articles, reports. Scientific English in the biomedical field.

RESEARCH PROGRAM NO. 11

The assessment criteria for the qualifications and the interview will be affixed on 3.5.2016 at 11.00 in Dipartimento di Scienze della Salute (DISSAL), 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 3.5.2016 at 14.00 in Dipartimento di Scienze della Salute (DISSAL), Via Pastore 1, Genova

The interview will be held on 3.5.2016 at 14.15 in Dipartimento di Scienze della Salute (DISSAL), Via Pastore 1, Genova

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Scientific coordinator: Prof. Claudio VISCOLI

NO.4 research fellowship - Duration: 1 year – Annual pre-tax amount: € 27.133,00

Title: New drugs active against HCV: prescription appropriateness, economic sustainability, clinical outcome of new treatment strategies and pharmacovigilance.

Description: After the arrival of boceprevir and telaprevir, several direct active agents (DAA) active against HCV have become available. Registration trials have demonstrated their efficacy and safety, but included only selected patients without comorbidities. In Italy, only patients with advanced liver disease or at high risk for complications of HCV infection have free access to DAAs. The aim of this project is to evaluate the appropriateness of DAAs prescription as well as the efficacy and safety profile of DAAs. Temporary research fellows will collect data of patients treated with DAAs in the Ligurian Region (Genova, La Spezia, Savona, Albenga, Pietra Ligure, Sanremo).

Scientific disciplinary sector: MED/17 INFECTIOUS DISEASES

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Laurea V.O. in Chimica e Tecnologie Farmaceutiche o Biotecnologie indirizzo Biotecnologie farmaceutiche o Biotecnologie indirizzo Biotecnologie mediche o Comunicazione Internazionale o Farmacia o Informatica o Ingegneria biomedica o Ingegneria delle telecomunicazioni o Ingegneria medica o Medicina e Chirurgia o Psicologia o Scienze biologiche o Scienze dell'informazione o Scienze internazionali e diplomatiche o Scienze politiche o Scienze statistiche demografiche e sociali o Statistica

Laurea Specialistica della classe 14/S Farmacia e farmacia industriale o 9/S Biotecnologie mediche, veterinarie e farmaceutiche o 43/S Lingue straniere per la comunicazione internazionale o 23/S Informatica o 100/S Tecniche e metodi per la società dell'informazione o 26/S Ingegneria biomedica o 30/S Ingegneria delle telecomunicazioni o 46/S Medicina e chirurgia o 58/S Psicologia o 6/S Biologia o 69/S Scienze della nutrizione umana o 60/S Relazioni internazionali o 88/S Scienze per la cooperazione allo sviluppo o 99/S Studi europei o 57/S Programmazione e gestione delle politiche e dei servizi sociali o 60/S Relazioni internazionali o 64/S Scienze dell'economia o 70/S Scienze della politica o 71/S Scienze delle pubbliche amministrazioni o 88/S Scienze per la cooperazione allo sviluppo o 89/S Sociologia o 99/S Studi europei o 90/S Statistica demografica e sociale o 48/S Metodi per l'analisi valutativa dei sistemi complessi o 92/S Statistica per la ricerca sperimentale

Laurea Magistrale della classe o LM-13 Farmacia e farmacia industriale o LM-9 Biotecnologie mediche, veterinarie e farmaceutiche o LM-38 Lingue moderne per la comunicazione e la cooperazione o LM-18 Informatica LM-66 Sicurezza informatica o LM-91 Tecniche e metodi per la società dell'informazione o LM-21 Ingegneria biomedica o LM-27 Ingegneria delle telecomunicazioni o LM-26 Ingegneria della sicurezza o LM-41 Medicina e chirurgia o LM-51 Psicologia o LM-6 Biologia o LM-61 Scienze della nutrizione umana

o dell'informazione o LM-90 Studi europei o LM-87 Servizio sociale e politiche sociali o LM-52 Relazioni internazionali o LM-56 Scienze dell'economia o LM-62 Scienze della politica o LM-63 Scienze delle Pubbliche Amministrazioni o LM-81 Scienze per la cooperazione allo sviluppo o LM-88 Sociologia e ricerca sociale o LM-82 Scienze statistiche

Subjects of the interview:

HCV infection: risk factors, clinical features, diagnosis and therapeutic approach. Informatic knowledge: operative systems useful for collecting data (Microsoft Windows XP and others), data analysis tools like Microsoft Word, Excel and Power Point; medical research through pubmed and other searchengines.

RESEARCH PROGRAM NO. 12

The assessment criteria for the qualifications and the interview will be affixed on 2.5.2016 at 9.00 in Dipartimento di Scienze della salute (DISSAL), Clinica Malattie Infettive, IRCCS AOU San Martino-IST, Padiglione di Patologie Complesse, piano meno uno, Largo R. Benzi n. 10, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 2.5.2016 at 12.00 in Dipartimento di Scienze della salute (DISSAL), Clinica Malattie Infettive, IRCCS AOU San Martino-IST, Padiglione di Patologie Complesse, piano meno uno, Largo R. Benzi n. 10, Genova

The interview will be held on 2.5.2016 at 13.00 in Dipartimento di Scienze della salute (DISSAL), Clinica Malattie Infettive, IRCCS AOU San Martino-IST, Padiglione di Patologie Complesse, piano meno uno, Largo R. Benzi n. 10, Genova

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Scientific coordinator: Prof. Claudio VISCOLI

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

Title: Novel diagnostic methods for invasive fungal infections.

Description: *Aspergillus fumigatus* causes a variety of diseases in humans. The drugs recommended for treatment of *Aspergillus* diseases are the mold-active azole antifungal drugs. However, a wide range of mutations in *A. fumigatus* confer azole resistance, which commonly involves modifications in the *cyp51A* gene, the target for azole antifungal drugs. The primary endpoints of this study are: 1) to evaluate the incidence of the presence of *Aspergillus* DNA in broncho-alveolar lavage fluids of hematological patients at high risk; 2) to evaluate the performance of molecular analysis compared to galactomannan (fungal cell wall antigen), considered the gold-standard; 3) Strain-typing of *Aspergillus* spp; 4) to document the presence of mutations in *Aspergillus* spp. that confer azole resistance.

Scientific disciplinary sector: MED/17 INFECTIOUS DISEASES

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Dottorato di ricerca in management del trapianto d'organo e di tessuto: innovazioni chirurgiche, diagnosi microbiologiche e terapia delle infezioni

Subjects of the interview:

Non-invasive serological methods for the diagnosis of fungal infections.

RESEARCH PROGRAM NO. 13

The assessment criteria for the qualifications and the interview will be affixed on 3.5.2016 at 8.00 in Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), Largo Rosanna Benzi 8, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 3.5.2016 at 11.00 in Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), Largo Rosanna Benzi 8, Genova

The interview will be held on 3.5.2016 at 12.00 in Dipartimento di scienze chirurgiche e diagnostiche integrate (DISC), Largo Rosanna Benzi 8, 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. Franco DE CIAN

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

Title: Feasibility and safety of electrochemotherapy in the treatment of liver metastasis of colorectal adenocarcinoma not treatable with surgery.

Description: Surgery is the gold standard in the management of patients with colorectal liver metastases. In the local control of disease surgery can be associated with techniques of delimited destruction in which blood vessel and bile ductal system can cause ineffectiveness and complications. Electrochemotherapy (ECT) is an effective technique for mucosal and cutaneous metastatic diseases. The technique is based on the use of drugs with a low capability of cellular penetration, associated with the electroporation of the tumoral mass only with consequential high selective cytotoxicity. For technological improvements and its characteristics ECT can be now applied also to different deep seated tumors. The aim of this Study will be the evaluation of feasibility, safety, and efficacy of visceral ECT in the treatment of colorectal liver metastases.

Scientific disciplinary sector: MED/18 GENERAL SURGERY

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

Required degree:

Laurea V.O. in Medicina e Chirurgia

Laurea Specialistica della classe 46/S Medicina e Chirurgia

Subjects of the interview:

- 1) Electrochemotherapy (ECT)
- 2) Loco-regional Treatments in Surgical Oncology

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 28.4.2016 at 8.00 in Dipartimento di Scienze Chirurgiche e Diagnostiche Integrate (DISC), Via De Toni 16, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 28.4.2016 at 13.00 in Dipartimento di Scienze Chirurgiche e Diagnostiche Integrate (DISC), Via De Toni 16, Genova

The interview will be held on 28.4.2016 at 16.00 in Dipartimento di Scienze Chirurgiche e Diagnostiche Integrate (DISC), Via De Toni 16, 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. Ezio GIANETTA

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

Title: Statistical analysis of clinical series data and research products.

Description: The research program is focused on retrospective/prospective clinical studies, with the aim to detect potential predictors for primary/surrogate outcomes. Statistical analysis will be carried out on clinical data collected within the scientific-disciplinary sectors (SDS) of the Department, particularly in the fields concerning surgical areas. The research program is also focused on the identification of the best evidence regarding items related to the SDS of the Department, for writing meta-analysis/systematic reviews. The analysis will be made using open source statistical environments to ensure the reproducibility of the procedures. The statistical/informatics tools may also be used for bibliometric/citation analysis on the research products.

Scientific disciplinary sector: MED/18 GENERAL SURGERY

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

Required degree:

Dottorato di ricerca in Microbiologia Clinica, Malattie Infettive e Trapianti d'Organo

Subjects of the interview:

Statistical analysis; Data processing; Open-source environments; Reproducible research; Bibliometry.

RESEARCH PROGRAM NO. 15

The assessment criteria for the qualifications and the interview will be affixed on 4.5.2016 at 8.00 in Dipartimento di Scienze chirurgiche e diagnostiche integrate (DISC) Pad 4-Osp S.Martino, piano terra, Largo Rosanna Benzi 9, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 4.5.2016 at 11.00 in Dipartimento di Scienze chirurgiche e diagnostiche integrate (DISC) Pad 4-Osp S.Martino, piano terra, Largo Rosanna Benzi 9, Genova

The interview will be held on 4.5.2016 at 12.00 in Dipartimento di Scienze chirurgiche e diagnostiche integrate (DISC) Pad 4-Osp S.Martino, piano terra, Largo Rosanna Benzi 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. Armando SILVESTRINI BIAVATI

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

Title: Torque efficiency analysis of a fully customized orthodontic lingual appliance with new generation elastomeric ligature.

Description: Aim of this research is to perform a in vitro analysis of the efficiency of new generation elastomeric ligatures to create torque control with different size archwires. A specific modified typodont will be used. Lingual archwires 014, 016, 16x22, 18x25 and 19x25 inches will be tested when inserted into a central incisor lingual bracket. Different kind of ligatures will be evaluated: 009 stainless steel ligature, elastomeric, new generation elastomeric, elastomeric overtie. The range of forces applied will be from 0 to 100 Nc. The primary outcomes is the angle generated at different forces and the resultant torque value. The force analysis will allow to determine which treatment phase will be able to express an efficient torque control, and which arch sequence should be used to optimize the force control to manage tooth movement.

Scientific disciplinary sector: MED/28 ORAL DISEASES AND DENTISTRY

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

Required degree:

Dottorato di ricerca on the subject of bioengineering

Subjects of the interview:

New orthodontic lingual appliances. What are the fully customized orthodontic appliances. In vitro research about how to measure expression of torque of orthodontic appliances. Moreover, how to study the freedom degree of some orthodontic wires within the bracket and the kind of performance of new generation elastomeric ligatures. Discussion of applicant scientific publications (if any) concerning topics that are the matter of this research.

RESEARCH PROGRAM NO. 16

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 at 10.00 in Dipartimento di Scienze della salute (DISSAL), Polo Alberti, Via L.B. Alberti 4, terzo piano, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 28.4.2016 at 14.00 in Dipartimento di Scienze della salute (DISSAL), Polo Alberti, Via L.B. Alberti 4, terzo piano, Genova

The interview will be held on 28.4.2016 at 15.00 in Dipartimento di Scienze della salute (DISSAL), Polo Alberti, Via L.B. Alberti 4, terzo 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. Giacomo GARLASCHI

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

Title: Screening for the prevention of abdominal aortic aneurysm complications in the area of ASL 5.

Description: The project consists in screening a high risk population group by ultrasound examination to detect abdominal aortic aneurysm; male subjects at the age of 65 years living in the territory of ASL 5 will be enrolled. The screening will be performed in adjunct to rectal cancer screening, already existing, and using the same data and economic resources. The aim of this project is to create a database of the incidence of this pathology in the territory, reduce related mortality, diagnose risk conditions not known, follow up or therapeutic management of patients.

Scientific disciplinary sector: MED/36 DIAGNOSTIC IMAGING AND RADIOTHERAPY

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Laurea V.O. in Medicina e Chirurgia

Laurea Specialistica della classe 46/S Medicina e Chirurgia

Laurea Magistrale della classe LM-41 Medicina e Chirurgia

Subjects of the interview:

Imaging in screening and diagnosis of cardiovascular disease.

RESEARCH PROGRAM NO. 17

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 at 9.00 in Dipartimento di Scienze della salute (DISSAL), Padiglione Sommariva, c/o IRCCS San Martino –IST, largo R. 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 28.4.2016 at 12.00 in Dipartimento di Scienze della salute (DISSAL), Padiglione Sommariva, c/o IRCCS San Martino –IST, largo R. Benzi 10, Genova

The interview will be held on 28.4.2016 at 14.00 in Dipartimento di Scienze della salute (DISSAL), Padiglione Sommariva, c/o IRCCS San Martino –IST, largo R. 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.

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. Gianmario Sambuceti on the phone number +39 010 555 2026 (4811) or via the email address Sambuceti@unige.it

Scientific coordinator: Prof. Gianmario SAMBUCETI

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

Title: SCM-ALS - Spinal cord metabolism in Amyotrophic Lateral Sclerosis.

Description: Funding will support the participation to the project “SCM-ALS - Spinal cord metabolism in Amyotrophic Lateral Sclerosis”. This program aims to characterize the effects of amyotrophic lateral sclerosis on several functions of the spinal cord, mostly on the metabolism of tissues included within the spinal canal. This task will be pursued by a computational approach to PET/CT imaging and will thus ask for specific skills in nuclear medicine as well as in the Neuroimaging in degenerative disorders. These competences are considered prerequisites to correlate imaging data with clinical indexes of disease localization and aggressiveness. We point out that a significant part of the work will be spent in Turin in cooperation with the local University and with the imaging Center IRMET SpA.

Scientific disciplinary sector: MED/36 DIAGNOSTIC IMAGING AND RADIOTHERAPY

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Specializzazione in Medicina Nucleare o in Neurologia con adeguata produzione scientifica derivante da Imaging Medico-Nucleare o Neurologia

Subjects of the interview:

Use of fluoro-deoxyglucose in neuroimaging; Computational image analysis; pathophysiology of amyotrophic lateral sclerosis, principles of PET/CT imaging.

RESEARCH PROGRAM NO. 18

The assessment criteria for the qualifications and the interview will be affixed on 3.5.2016 at 9.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio 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 3.5.2016 at 12.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio Pastore 1, Genova

The interview will be held on 3.5.2016 at 14.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio 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. Giancarlo ICARDI

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

Title: Evaluation of the effectiveness of PCV13 introduction in adult immunization program in Liguria on incidence of emergency department accesses for pneumococcal and vaccine type Community-Acquired Pneumonia (CAP).

Description: Community acquired pneumonia (CAP) is the most common type of pneumonia. The most frequent bacterial cause is *Streptococcus pneumoniae*.

Since PCV13 has been introduced in the immunization program of the Liguria Region, there is a strong need for local evidence of PCV13 impact on CAP as well as for continuous monitoring of the remaining burden of disease in adults.

The aims of this research will be (i) to estimate the expected potential impact of PCV13 in adults aged ≥ 65 years old in Liguria and (ii) to describe the epidemiology of hospitalized CAP through an active surveillance system in hospital facilities, supporting the recommendations for active programs of PCV13.

Scientific disciplinary sector: MED/42 HYGIENE AND PUBLIC HEALTH

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Dottorato di ricerca in Epidemiologia e Prevenzione

Subjects of the interview:

- Design of Experimental and observational studies
- Measures in epidemiology
- Epidemiology of invasive disease and non-invasive sustained by *Streptococcus pneumoniae*
- Pneumococcal Vaccines

RESEARCH PROGRAM NO. 19

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 at 9.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio 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 28.4.2016 at 12.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio Pastore 1, Genova

The interview will be held on 28.4.2016 at 14.00 in Dipartimento di Scienze della Salute (DISSAL), Via Antonio 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. Paolo DURANDO

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

Title: The biological risk at the workplace: assessment, prevention, training and impact in the context of medical surveillance, also in comparison with other occupational risks.

Description: Several work activities, considered of high importance in the field of health and safety, expose workers to biological agents. In this context, the Italian National Prevention Plan 2014-2018, by Italian Health Ministry, argue the importance of a correct identification of risk factors and required determinants for right individuation of prevention strategies about infection and infectious diseases. Therefore, the aims of the research project are: (i) study and application of methods aimed to biological risk assessment in the occupational field; (ii) implementation of required clinical-epidemiological surveillance activities in the field of exposure/biological injuries, and impact in the context of job fitness; (iii) implementation of guidelines and assessment of their effectiveness in terms of prevention; (iv) development of innovative training interventions for workers about the topics of the project.

Scientific disciplinary sector: MED/44 OCCUPATIONAL MEDICINE

Place: Dipartimento di Scienze della salute (DISSAL)

Required degree:

Laurea V.O. in Medicina e Chirurgia

Laurea Specialistica della classe 46/S Medicina e Chirurgia

Laurea Magistrale della classe LM-41 Medicina e Chirurgia

Subjects of the interview:

- Methods for assessment of biological risk in the workplace
- Methods of biological risk prevention in the workplace
- Strategies for management of biological accidents

RESEARCH PROGRAM NO. 20

The assessment criteria for the qualifications and the interview will be affixed on **2.5.2016** at **9.00** 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 **2.5.2016** at **12.30** in Dipartimento di Ingegneria civile, chimica e ambientale (DICCA), Via Montallegro 1, Genova

The interview will be held on **2.5.2016** at **15.00** 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.

Scientific coordinator: Prof. Andrea MAZZINO

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

Title: Prediction of ship behavior on the basis of meteorological and marine data from an operational meteorological model chain.

Description: The weather conditions have a great impact on the safety of ships at sea. The research aims at integrating information from the marine weather forecast (DICCA) and the study of the response of the ship to the wave (DITEN) to give the crew a tool easy to interpret that provides an indication of the degree of danger in the near future. Such a tool will permit the choice of alternative routes to those initially planned in the short and medium term (bad weather avoidance and / or weather routing)

Scientific disciplinary sector: ING-IND/01 NAVAL ARCHITECTURE

Place: Dipartimento di Ingegneria civile, chimica e ambientale (DICCA)

Required degree:

Laurea V.O. in Ingegneria Navale o Ingegneria Meccanica o Ingegneria Civile o Ingegneria Ambientale
Laurea Specialistica della classe 37/S Ingegneria Navale o Yacht Design o 36/S Ingegneria meccanica o 28/S Ingegneria civile o 38/S Ingegneria per l'ambiente e il territorio
Laurea Magistrale della classe LM-34 Ingegneria Navale o Yacht Design o LM-33 Ingegneria meccanica o LM-23 Ingegneria civile o LM-35 Ingegneria per l'ambiente e il territorio

Subjects of the interview:

Weather routing, predictive models of motion and strength of the ship hull.
Impact of weather conditions on the control/design of the vessel.
Use of programming languages.

RESEARCH PROGRAM NO. 21

The assessment criteria for the qualifications and the interview will be affixed on 3.5.2016 at 8.30 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 3.5.2016 at 13.00 in Dipartimento di ingegneria navale, elettrica, elettronica e delle telecomunicazioni (DITEN) Via Montallegro 1, Genova

The interview will be held on 3.5.2016 at 14.30 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. Michele Viviani on the phone number +39 320 4248046 or via the email address michele.viviani@unige.it

Scientific coordinator: Prof. Michele VIVIANI

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

Title: Development of mathematical models for the prediction of ship manoeuvring characteristics considering sectional and local characteristics.

Description: The research activity, based on the results of a pilot study carried out with CETENA/Fincantieri, will be devoted to the development of mathematical models for the prediction of ship manoeuvring characteristics, taking into account not only ship main dimensions but also local characteristics (hull shape, appendages). The activity will cover: research of suitable formulation from literature, improvement of the existing formulations on the basis of experimental data, cooperation with CETENA for the development of the simulation code, validation of the code comparing results with experimental data. If deemed necessary, direct numerical calculations (RANS) will be carried out in order to obtain data for the validation and tuning of the mathematical models.

Scientific disciplinary sector: ING-IND/01 NAVAL ARCHITECTURE

Place: Dipartimento di ingegneria navale, elettrica, elettronica e delle telecomunicazioni (DITEN)

Required degree:

Laurea V.O. in Ingegneria Navale

Laurea Specialistica della classe 37/S Ingegneria Navale o Yacht Design

Laurea Magistrale della classe LM-34 Ingegneria Navale o Yacht Design

Subjects of the interview:

Ship manoeuvrability, mathematical models for the study of ship manoeuvrability, simulation software (MATLAB / Simulink), application of numerical methods (RANS) for the evaluation of manoeuvring forces.

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 28.4.2016 at 9.00 in Dipartimento di Ingegneria meccanica, energetica, gestionale e dei trasporti (DIME) – Sez. MEC - 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 28.4.2016 at 12.00 in Dipartimento di Ingegneria meccanica, energetica, gestionale e dei trasporti (DIME) – Sez. MEC - Via Opera Pia, 15°, Genova

The interview will be held on 28.4.2016 at 14.00 in Dipartimento di Ingegneria meccanica, energetica, gestionale e dei trasporti (DIME) – Sez. MEC - 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. Paolo SILVESTRI

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

Title: Rotating machine dynamic vibrational behavior analysis.

Description: In detail the work is aimed to integrate Run-Out data with a Rotordynamic FEM model to provide a significant reduction of the number of test run required for balancing activity.

The approach is based on the introduction in the rotor model of unbalance forces corresponding to the radial run out of the machine in order to simulate the forced dynamical response

The work develops in different phases:

- Preliminary historical analysis of the rotor geometry
- Analysis of the dynamic behavior of the machine in the Run-Out.
- Statistical sensitivity analysis of the machine.
- Development of FEM multi shaft rotor model
- Validation of the rotor model on the basis of the historical data.
- Run-out Correlation / Balance in the field in order to identify a pattern of optimal balancing weights.

Scientific disciplinary sector: ING-IND/13 APPLIED MECHANICS

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

Required degree:

Laurea V.O. in Ingegneria meccanica

Laurea Specialistica della classe 36/S Ingegneria meccanica

Laurea Magistrale della classe LM-33 Ingegneria meccanica

Subjects of the interview:

Rotating machine dynamic.

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 29.4.2016 at 10.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via 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 29.4.2016 at 13.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via Opera Pia 11a, Genova

The interview will be held on 29.4.2016 at 13.30 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via 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. Stefano MASSUCCO

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

Title: Monitoring and Control for Energy Efficiency.

Description: The research activity concerns the general subject of energy efficiency for sustainability. The activity includes the development of methodologies and tools like: HW and SW architecture which integrates electronics and mechanical equipment for energy efficiency within a data network; Analysis of a standard and replicable solution for the supervision and the monitoring of energy consumptions; tuning of a cost-benefit analysis model for energy efficiency projects (thermal, electrical PV, motors, etc.); operational assistance to Energetic Audit in tertiary/industrial sites; identification and forecasting of reference KPIs for the evaluation of performances for energy efficiency solutions.

Scientific disciplinary sector: ING-IND/33 ELECTRICAL POWER SYSTEMS

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

Required degree:

Laurea Magistrale della classe LM-30 Ingegneria Energetica e Nucleare o LM-28 Ingegneria Elettrica o LM-4 Architettura e ingegneria edile-architettura

Subjects of the interview:

Methodologies and architectures for modelling and simulating energy efficiency scenarios and equipment such as power plants including renewables. Energy efficiency for civil buildings, hospitals and industrial sites. Dynamic models in the energetic sector. Sensors for information acquisition. Energy audits.

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 2.5.2016 at 10.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via 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 2.5.2016 at 13.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via Opera Pia 11a, Genova

The interview will be held on 2.5.2016 at 16.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via 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. Matteo PASTORINO

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

Title: Modeling of the interaction microwaves/human head in the presence of a stroke.

Description: This project concerns the electromagnetic interaction between incident waves at microwave frequencies and the human head in the presence of a hemorrhagic or ischemic stroke. After a preliminary phase in which the state of the art of the subject will be analyzed, numerical methods will be developed in order to solve the direct and inverse scattering problems related to the considered configuration. The final target is represented by the study and characterization of the mentioned interaction in order to define optimal operation conditions concerning the choice and positioning of the transmitting and receiving antennas (including the choice of their fundamental parameters, such as radiation patterns, gains, and frequency bands) and the hardware requirements of a noninvasive diagnostic system based on microwaves.

Scientific disciplinary sector: ING-INF/02 ELECTROMAGNETIC FIELDS

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

Required degree:

Laurea V.O. in Ingegneria Elettronica o Ingegneria delle Telecomunicazioni

Laurea Specialistica della classe 32/S Ingegneria elettronica o 30/S Ingegneria delle Telecomunicazioni

Laurea Magistrale della classe LM-29 Ingegneria elettronica o LM-27 Ingegneria delle Telecomunicazioni

Subjects of the interview:

Electromagnetic fields and waves in natural media. Electronic systems for microwave imaging.

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 3.5.2016 at 13.30 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN) Laboratorio di Digital Signal Processing, Via dell'Opera Pia 13, Pad. E, 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 3.5.2016 at 16.30 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN) Laboratorio di Digital Signal Processing, Via dell'Opera Pia 13, Pad. E, 3° piano, Genova.

The interview will be held on 3.5.2016 at 17.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN) Laboratorio di Digital Signal Processing, Via dell'Opera Pia 13, Pad. E, 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.

Scientific coordinator: Prof. Fabio LAVAGETTO

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

Title: Study and Development of cognitive and interactive algorithms to display electromagnetic quantities aimed at estimating the presence of strokes in human heads using microwave irradiations.

Description: Activities will focus on the processing of distributions of dielectric parameters provided by a microwave portable device for the differential diagnosis between ischemic and hemorrhagic stroke. These distributions, after adequate space-frequency filtering, will be displayed as images (also at low resolution) to allow physicians to make an early diagnosis and detect haemorrhagic spots. Morphological and textural image processing will be developed within a cognitive and interactive framework able to exploit a priori knowledge about clinic statistics and interact with the expert responsible of interpreting the results. Through these interactions it will be possible to obtain representations more suitable for the identification and extraction of the information of interest.

Scientific disciplinary sector: ING-INF/03 TELECOMMUNICATIONS

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

Required degree:

Dottorato di ricerca in Engineering with specific specialisation on Interactive Cognitive Environments

Subjects of the interview:

Image and signal processing, signal classification techniques, Support Vector Machines, Matlab, C/C++ and Java programming.

RESEARCH PROGRAM NO. 26

The assessment criteria for the qualifications and the interview will be affixed on 29.4.2016 at 9.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 29.4.2016 at 13.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11, Genova

The interview will be held on 29.4.2016 at 17.00 in Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni (DITEN), Via all'Opera Pia 11, 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. Lucio Marcenaro on the phone number +39 0103532060 or via the email address lucio.marcenaro@unige.it

Scientific coordinator: Prof. Lucio MARCENARO

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

Title: Recognizing anomalous situation in crowded environments.

Description: Nowadays, the increased demand of security is a particularly relevant need of our society. Therefore, systems able to automatically interpret interactions, both among people and between people and the environment, represent an actual domain of research, which still lack efficient solutions and open problems.

The crowd phenomenon has recently increasingly attracted the attention of worldwide researchers. Different implications related to crowd behavior analysis can be considered, since both technical and social aspect is still under researchers' investigation.

The main objective of the research activity is to study and develop novel signal processing techniques for automatic detection of anomalous and potentially dangerous situation in crowded environments.

Scientific disciplinary sector: ING-INF/03 TELECOMMUNICATIONS

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

Required degree:

Laurea V.O. in Ingegneria informatica o Ingegneria elettronica o Ingegneria biomedica o Ingegneria delle telecomunicazioni o Informatica o Fisica

Laurea Specialistica della classe 35/S Ingegneria informatica o 32/S Ingegneria elettronica o 29/S Ingegneria dell'automazione o 26/S Ingegneria biomedica o 30/S Ingegneria delle telecomunicazioni o 23/S Informatica o 100/S Tecniche e metodi per la società dell'informazione o 20/S Fisica

Laurea Magistrale della classe LM-32 Ingegneria informatica o LM-29 Ingegneria elettronica o LM-25 Ingegneria dell'automazione o LM-21 Ingegneria biomedica o LM-27 Ingegneria delle telecomunicazioni o LM-26 Ingegneria della sicurezza o LM-18 Informatica o LM-66 Sicurezza informatica o LM-91 Tecniche e metodi per la società dell'informazione o LM-17 Fisica

Subjects of the interview:

Signal processing techniques, Telecommunication systems, Artificial intelligence, C++ programming language.

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 28.4.2016 at 10.00 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 29.4.2016 at 10.00 in Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS), Viale Causa 13, Genova

The interview will be held on 29.4.2016 at 15.00 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. Armando TACCHIELLA

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

Title: Artificial Intelligence techniques and tools to support safety-by-design in elevators.

Description: The design and maintenance for safety of elevators are important problems in Italy, wherein about 900.000 elevators are installed (first in Europe and second in the world after China). Laws and norms, mechanical and structural requisites, the need to compress time and costs, are insisting on the designers and installers, often creating economic losses and increasing the risk of safety trade-offs. The target of the research is to develop techniques and tools to support safety-by-design in elevators, by incorporating elements of experience, best-practices, and automated verification tools in order to design and implement elevators meeting both time-to-market constraints and safety requirements.

Scientific disciplinary sector: ING-INF/05 INFORMATION PROCESSING SYSTEMS

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

Required degree:

Laurea V.O. in Ingegneria Informatica

Laurea Specialistica della classe 35/S Ingegneria Informatica

Laurea Magistrale della classe LM-32 Ingegneria Informatica

Subjects of the interview:

Software tools for computer-aided design (CAD/CAM and the like). Techniques and tools for software engineering, with specific reference to “Agile” methods. Artificial Intelligence algorithms, with specific reference to tools for automated verification and reasoning.

RESEARCH PROGRAM NO. 28

The assessment criteria for the qualifications and the interview will be affixed on 29.4.2016 at 9.00 in Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS), Via Opera Pia 13, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 29.4.2016 at 12.00 in Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS), Via Opera Pia 13, Genova

The interview will be held on 29.4.2016 at 16.00 in Dipartimento di Informatica, bioingegneria, robotica e ingegneria dei sistemi (DIBRIS), Via Opera Pia 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. Mauro GIACOMINI

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

Title: Standardized data re-use techniques in clinics and archiving sciences.

Description: The person who will get this research project will have to set up some implementations of services based on the HSSP project for automatic clinical data sharing relating to the monitoring of therapeutic efficacy of new anti-HCV drugs and to the adverse events due to the use of the same drugs. Another application will be set up and it will regard the monitoring of the vaccine coverage of immunocompromised patients for chronic infective diseases. At last, a standardized system for knowledge sharing relating to archiving sciences will be set up. This system will cover three different levels: format standard, semantic standard and process standard. For this last point already approved techniques in medical informatics will be adapted.

Scientific disciplinary sector: ING-INF/06 ELECTRONIC AND INFORMATICS BIOENGINEERING

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

Required degree:

Laurea V.O. in Ingegneria Biomedica

Laurea Specialistica della classe 26/S Ingegneria Biomedica

Laurea Magistrale della classe LM-21 Ingegneria Biomedica

Subjects of the interview:

Standard elements in medical informatics. Modelling instruments for web services. Instruments for design and setting up of coordinated groups of standard services according to the HSSP schema.

SCIENTIFIC DISCIPLINARY AREA: ANTIQUITIES, PHILOLOGY, LITERARY STUDIES, ART HISTORY
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RESEARCH PROGRAM NO. 29

The assessment criteria for the qualifications and the interview will be affixed on **29.4.2016** at **14.30** in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), III piano, Via Balbi 4, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on **2.5.2016** at **14.30** in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), III piano, Via Balbi 4, Genova

The interview will be held on **3.5.2016** at **14.30** in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), III piano, Via Balbi 4, 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. Lauro MAGNANI

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

Title: Toward an Atlas of Baroque Art and Architecture in Genoa.

Description: The line of research supported by this grant is part of a tradition of studies developed at DIRAAS (a Department of the University of Genoa), which led to a global new appreciation of Genoese Baroque art, also in an international dimension. After many essays and monographs, which have emphasized the original characters of this artistic language, the wealth of materials gathered need to be systematically organized and studied. The editorial series “Atlante del Barocco, directed by Marcello Fagiolo, has been selected as the most appropriate place of publication of the research results, at a national level. This research projects therefore aims at producing a scientific catalogue of Genoese monuments and decorative cycles, carried out according to the methods and guidelines employed by the cited series, in which all manifestations of Baroque spatiality are deemed relevant and investigated.

Scientific disciplinary sector: L-ART/02 HISTORY OF MODERN ART

Place: Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS)

Required degree:

Dottorato di ricerca in Storia e Conservazione dei Beni Culturali, Artistici e Architettonici o Studio e Valorizzazione del Patrimonio Storico, Artistico-Architettonico ed Ambientale o Storia delle Arti Visive o Storia del Patrimonio Archeologico e Artistico o altri Dottorati di ambito storico artistico

Subjects of the interview:

Baroque art in Genoa, Italy and Europe, with special emphasis on the Ligurian territory. Experience in the cataloguing or systematic study of this area's artistic heritage.

RESEARCH PROGRAM NO. 30

The assessment criteria for the qualifications and the interview will be affixed on 4.5.2016 at 9.00 in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), sez. Italianistica, Via Balbi 2, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 4.5.2016 at 12.00 in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), sez. Italianistica, Via Balbi 2, Genova

The interview will be held on 4.5.2016 at 15.00 in Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS), sez. Italianistica, Via Balbi 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. Alberto BENISCELLI

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

Title: Annotated edition of Vittorio Alfieri's Misogallo.

Description: This research is part of a larger project coordinated by "Centro di Studi Alfieriani", that the University of Genoa joined together with other universities (Turin, Milan, Bologna). As part of this project - which aims at creating annotated editions of Vittorio Alfieri's literary works - the Diraas has been given the task of dealing with the Misogallo, a satirical prosimetrum about the French Revolution, published posthumously in 1814, which until now has never received a full comment, because of its remarkable interpretative complexity. The research will have to deal with with the text's many linguistic difficulties, to explain its allegories, and to study and to study its complex intertextuality, which involves classical, Italian and European authors.

Scientific disciplinary sector: L-FIL-LET/10 ITALIAN LITERATURE

Place: Dipartimento di Italianistica, romanistica, antichistica, arti e spettacolo (DIRAAS)

Required degree:

Dottorato di ricerca in Filologia, interpretazione e storia dei testi italiani e romanzi, o in discipline attinenti l'area italianistica

Subjects of the interview:

Basics of Philology; 18th century Italian literature, with particular regard to Alfieri's literary works; evolution of satire in Italian literature.

SCIENTIFIC DISCIPLINARY AREA: HISTORY, PHILOSOPHY, PEDAGOGY AND PSYCHOLOGY

RESEARCH PROGRAM NO. 31

The assessment criteria for the qualifications and the interview will be affixed on **3.5.2016** at **11.30** in Dipartimento di Antichità, Filosofia, Storia (DAFIST) Via Balbi 2, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on **3.5.2016** at **16.30** in Dipartimento di Antichità, Filosofia, Storia (DAFIST) Via Balbi 2, Genova

The interview will be held on **4.5.2016** at **9.00** in Dipartimento di Antichità, Filosofia, Storia (DAFIST) Via Balbi 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 Antonella ROVERE

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

Title: Digital memory of Liguria.

Description: The project aims to recovery digital databases of cultural interest (archival inventories, bibliographic catalogs, digital libraries) on the Ligurian cultural heritage realized in the past in absence of adequate digital long term preservation strategies. In particular, the grant holder will be responsible for:

- locate and select the databases at risk of obsolescence to be involved in the project, based on scientific criteria and historical significance of the described material;
- draw up the data conversion schema from native data systems into metadata supported by recipient's information system and standards metadata for digital preservation;
- lay out the guidelines for the review and correction of the data from the native systems.

Scientific disciplinary sector: M-STO/08 ARCHIVAL SCIENCE, BIBLIOGRAPHY AND LIBRARIANSHIP

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

Required degree:

Laurea V.O. in Storia o Storia e conservazione dei beni culturali

Laurea Magistrale della classe LM-84 Scienze storiche o LM-5 Archivistica e biblioteconomia

Subjects of the interview:

Digital archives and local history.

RESEARCH PROGRAM NO. 32

The assessment criteria for the qualifications and the interview will be affixed on 2.5.2016 at 14.00 in Dipartimento di Antichità, Filosofia, Storia (DAFIST) - Presidenza della Scuola di Scienze Umanistiche, Via Balbi 2, II piano, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 2.5.2016 at 17.00 in Dipartimento di Antichità, Filosofia, Storia (DAFIST) - Presidenza della Scuola di Scienze Umanistiche, Via Balbi 2, II piano, Genova

The interview will be held on 3.5.2016 at 9.00 in Dipartimento di Antichità, Filosofia, Storia (DAFIST) - Presidenza della Scuola di Scienze Umanistiche, Via Balbi 2, II 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. Michele MARSONET

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

Title: The concepts of disease and mental disorder: definitions, values, and stereotypes.

Description: Philosophy obviously does not cure diseases, but it can “cure” inappropriate attributions of diseases showing what values (political, economical, religious, etc.) could be at their base and what stereotypes (sexual, gender, racial, cultural, etc.) could misguide them. In order to do that, it is important to clarify the general concept of disease: Could it be defined through necessary and sufficient conditions? Or should it be characterized in terms of family resemblances, à la Wittgenstein? Could it be naturalized? More specifically, about the general concept of mental disorder, it is central to explain what makes it “mental” and what relations it entertains with the main philosophical theories about the mind (eliminativism, reductionism, anti-reductionism, dualism, etc.).

Scientific disciplinary sector: M-FIL/02 LOGIC AND PHILOSOPHY OF SCIENCE

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

Required degree:

Dottorato di ricerca in Filosofia o Scienze filosofiche e storiche (indirizzo Filosofia)

Subjects of the interview:

Key contemporary theories (normativist and naturalist) of disease and mental disorder; the problem of values and stereotypes in medicine and psychiatry; key philosophical theories of the mind.

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

RESEARCH PROGRAM NO. 33

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 at 13.00 in Dipartimento di Scienze della Formazione (DISFOR) Corso Podestà 2, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 28.4.2016 at 17.00 in Dipartimento di Scienze della Formazione (DISFOR) Stanza 3C3, Laboratorio di Psicologia del Linguaggio, Corso Podestà 2, Genova

The interview will be held on 3.5.2016 at 10.00 in Dipartimento di Scienze della Formazione (DISFOR) Stanza 3C3, Laboratorio di Psicologia del Linguaggio, Corso Podestà 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. Filippo DOMANESCHI

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

Title: Neurolinguistic and psycholinguistic analysis of the cognitive processes involved in processing presupposition triggers.

Description: The researcher will work within the SIR 2014 project titled “EXPRESS - Experimenting on Presuppositions”. The successful candidate will run a neurolinguistic and psycholinguistic analysis aimed at evaluating the cognitive processes involved in processing presupposition triggers. The final goal of the collaboration is to characterize the cognitive load involved in processing different categories of presupposition triggers. In particular, two categories of triggers will be taken into account: temporal triggers (e.g. change of state verbs, iterative expressions) and strong triggers (e.g. definite descriptions, factive verbs). The ideal candidate would have the following characteristics:

- Experience in psycholinguistic and neurolinguistic work
- Programming skills with Lab software (e.g. E-Prime, Presentation, etc.)
- Statistical skills (e.g. SPSS, R).
- Knowledge of the formal and experimental semantic and pragmatic literature

Scientific disciplinary sector: M-PSI/01 GENERAL PSYCHOLOGY

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree:

Laurea V.O. in Psicologia o Linguistica

Laurea Specialistica della classe 58/S Psicologia o 44/S Linguistica

Laurea Magistrale della classe LM-51 Psicologia o LM-39 Linguistica

Subjects of the interview:

The interview will focus on the specific scientific skills of the candidate and on the adequacy of her/his scientific profile to the goals of the research project. In particular, two aspects will be taken into account: the candidate's knowledge of the experimental methodology in psycholinguistics and neurolinguistics and her/his knowledge of the theories in formal and experimental semantics and pragmatics discussed in the research project.

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

RESEARCH PROGRAM NO. 34

The assessment criteria for the qualifications and the interview will be affixed on 28.4.2016 at 9.30 in Dipartimento di Scienze della Formazione (DISFOR) Corso Podestà 2, Genova

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 28.4.2016 at 16.00 in Dipartimento di Scienze della Formazione (DISFOR) Corso Podestà 2, Genova

The interview will be held on 2.5.2016 at 9.30 in Dipartimento di Scienze della Formazione (DISFOR) Corso Podestà 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. Mauro PALUMBO

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

Title: Young adults in transition: identity and narratives in the Web.

Description: An empirical study based on the presence and the narratives of young adults in transition in the Net. Becoming adult in the context of the de-standardized life course transition means new difficulties and new formal and informal tools: starting with the notion of narrative identity the research has to consider the use of self writing in the Net and in particular What online narratives means for young women and men's transition to adulthood. Is narrative a resilience tool that permit to construct a bridge between micro and macro exigencies?

Scientific disciplinary sector: SPS/07 GENERAL SOCIOLOGY

Place: Dipartimento di Scienze della Formazione (DISFOR)

Required degree:

Dottorato di ricerca in Metodologia della ricerca nelle scienze umane o Sociologia e metodologia della ricerca sociale

Subjects of the interview:

Methodology of social research, Social research online methods, Young adult sociology.