



UNIVERSITÀ DEGLI STUDI DI GENOVA
AREA PERSONALE
Servizio Personale Docente
Settore Gestione stato giuridico del Personale Docente e degli Assegnisti di ricerca

Decree n. 4491

THE RECTOR

Having regard to the Italian Law no. 240 dated 30th December 2010 and subsequent amendments, which contains provisions concerning the organization of universities, academic personnel and recruitment, as well as the delegation to the Government for providing incentives for the quality and efficiency of the university system, and in particular art. 22, which contains provisions on research fellowships;

Having regard to the D.R. n. 2002 dated 23rd May 2019 with which the Regulation for the awarding of research grants was last modify;

Having regard to the resolution of the Board of Directors dated 22nd July 2015, determining the amounts to be awarded for research fellowships and the timetable of the procedures, according to art. 1 of the abovementioned "Regulation for the awarding of research fellowships"

Having regard to the D.R. n. . 4334 del 27.10.2020 with which no. 47 public selections for the assignment of n. 47 research grants, were published on Alboweb on 27.10.2020;

Having regard to the emergency decrees no. 4400 del 29/10/2020 with which the Director of Department of Mechanical, Energy, Management and Transport Engineering (DIME) ask to increase by n. 1 unit the program n. 25 of *Annex A* of the notice in question, "Conceptualization and design of a system for microwave warming of plants in a green house", Scientific coordinator Prof. Matteo Zoppi, giving n. 2 research fellowships, instead of n. 1 research fellowship of annual duration;

Having regard to the emergency decrees no. 4425 del 2.11.2020 with which the Director of Physics ask for the activation of one research fellowship of the s.s.d. *FIS/02 FISICA TEORICA, MODELLI E METODI MATEMATICI* aimed at a scientific collaboration within the Ministerial Project "Departments of Excellence" which must begin by the end of the current calendar year 2020;

Considered to accept the requests and to proceed with the integration of the number of selections started by the Rector's Decree of Induction no. 4334 of 27.10.2020 as above .

HEREBY DECREES

ART. 1

Number of research fellowships

1. Article. 1, paragraph 1, of the D.R. n. . 4334 del 27.10.2020 is reformulated as follows:
"An announcement is made for no. 48 public selections for the awarding of n. 49 research fellowships in the programs specified in Annex A, being an integral part of this announcement"

2. Attachment A referred to in D.R. n. 4334 del 27.10.2020, indicated above, is partially modified in the sense that the procedure in program no. 25 of Attachment A of the above mentioned call, is to be understood as referring to the awarding of n. 2 research grants of annual duration (instead of 1).

3. Attachment A referred to in D.R. n. 4334 del 27.10.2020 is supplemented by the document called "Annex bis" which is an integral part of this decree.

4. The remaining provisions of D.R. n. 4334 del 27.10.2020, including the deadline for submission of candidacies, established by art. 3, paragraph 2, are unchanged.

This rectification decree is made public electronically through the computer register established on the institutional website of the University.

Genoa, 5.11.2020

THE RECTOR
Digitally signed
Prof. Federico DELFINO

Responsible for the procedure: *Sandra Turbino*

ANNEX A bis

SCIENTIFIC DISCIPLINARY AREA PHYSICS

RESEARCH PROGRAM NO. 48

Publicity of criteria for the qualifications and the interview: on **27.11.2020** at **13:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the interview by publication on the Department's website and contextual email communication to each of the candidates.

Publicity of the results of the qualification assessment as well as indication of the names of the candidates admitted to the interview: on **27.11.2020** at **17:00** The Commission in charge discloses the criteria for the evaluation of qualifications and the indication of the names of the candidates admitted to the interview by publication on the Department's website and contextual email communication to each of the candidates.

The interview: on **30.11.2020** starting from **10:00** The interview will take place, in any case, electronically (video conference via Skype) by contacting Prof. Nicola Maggiore well in advance at the address e-mail: maggiore@ge.infn.it, phone number +39 3474451530.

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

Scientific coordinator: Prof. Nicola MAGGIORE.

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

Finanziamento: Progetto ministeriale “Dipartimenti di Eccellenza” (100020-2018-SD-DIP-ECC_001)

Title: Introduction of a boundary in quantum field theories: consequences in condensed matter physics and gravity.

Description: The study of boundaries in Quantum Field Theories is widely developed, the most celebrated examples concerning topological quantum field theories. The aim of this research is to understand the effects of the presence of a boundary on non topological bulk theories, and in topological field theories in curved spacetimes: Chern-Simons theory built on a generic manifold and gauge/gravity systems with non standard massive gravity in the bulk and therefore momentum dissipation in the dual field theory.

Scientific disciplinary sector: FIS/02 FISICA TEORICA, MODELLI E METODI MATEMATICI.

Place: Dipartimento di Fisica (DIFI)

Required degree:

Laurea Magistrale della classe LM-17 Fisica.

Subjects of the interview:

Gauge field theories; gauge-fixing; field theories on curved spacetimes; boundary conditions; boundary algebras; bulk-boundary compatibility conditions.

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