

ANNOUNCEMENT OF PUBLIC SELECTION FOR 4 RESEARCH GRANTS
(Italian law No.240, Art.22, 30 December 2010)

Description

The Scuola Normale Superiore announces a selection, based on work to date and interview, for 4 grants for the carrying out of research activities at the Faculty of Sciences in the context of a post-doctoral programme of several years' duration.

In particular, the four research grants will be awarded to the four most deserving researchers selected by the judging Commission for one or more of the following scientific fields, with reference to the scientific-disciplinary sectors indicated beside each one (with no obligation for all the four different scientific fields specified to be awarded a grant):

1. High precision measurements at the Large Hadron Collider (FIS/01);
2. Frontier Problems in the Theory of Fundamental Interactions - From structural questions about the connection between gravitational physics and quantum field theory to phenomenological applications to black holes and cosmology (FIS/02);
3. Bridging galaxies and AGN in the Epoch of Reionization with data-constrained models. Modeling and interpretation of the cosmic 21cm signal (FIS/05);
4. Design and optimization of new theranostic agents through machine learning and advanced molecular modelling (CHIM/02).

Duration of contracts: 2 years for each contract

Annual gross remuneration, inclusive of all taxes: € 40,000 for each contract

Application deadline: 16 January 2023

Information about the selection procedure can be found below. Applicants are advised to read the official announcement (*Bando*) and to follow exclusively its detailed instructions should they decide to apply.

Requisites

The research grants may be requested by applicants in possession of a PhD or equivalent in the scientific field that they choose, on submission of their online application, from among the four scientific fields specified.

Applications are also welcome from those in possession of a qualification attained abroad and recognised as being equivalent to the above mentioned Italian qualification.

A knowledge of the English language is also essential for carrying out the research activities.

How to apply

Applicants must apply for a specific and single scientific field among those specified above. Once the application for a specific position has been submitted, it will not be possible to apply for one of the other scientific fields.

Applicants with all the aforementioned requisites who wish to participate in the selection process must submit their application exclusively online, using the online dedicated PICA procedure at the following link: <https://pica.cineca.it/sns>

The PICA app can be accessed via SPID, by choosing the institution "Scuola Normale Superiore" from the page of available federations; alternatively, the procedure will necessarily require an e-mail address in order to register into the system.

Once identified/registered and once the procedure relating to this selection has been accessed, applicants must also upload as attachments, through the online PICA procedure, exclusively in PDF format, the following documents:

- a) a non-authenticated photocopy of a valid identity document;
- b) their scientific-professional CV stating the qualifications that they intend to submit for the assessment and their complete scientific production;
- c) a maximum of 12 publications selected by the applicants from their complete scientific production. Each publication must occupy a space of not more than 30 megabytes. The PhD thesis must be considered as one of the 12 publications, if attached to the application;
- d) a list of the 12 publications submitted, including the PhD thesis if attached to the application (see letter c) above), compiled using the form attached to the call herein (attachment B), which will be made available through the PICA procedure;
- e) a proposal for a two-year research project relating to the chosen subject area, to be submitted for assessment using the form attached to the call herein (attachment C), which will be made available through the PICA procedure;
- f) in the case of a qualification attained abroad that has not been certified as being equivalent to the Italian PhD, a scanned copy of the qualification together with a translation in Italian or English, showing the grades obtained in any individual examinations taken, with a declaration that the translation conforms to the original text, utilising the form attached to the call herein (attachment A), made available through the online PICA procedure in both Italian and English;
- g) scanned copies of any qualifications, among those featured in their CV, and/or documents that vouch for them, that they intend to submit for the purposes of the selection.

Until the deadline for the submission of applications, the procedure can save any data inserted in draft mode, enabling their modification and/or integration.

By the established deadline, applications for participation in the selection must be filled in definitively in all their parts, signed, on pain of exclusion, in one of the modes indicated by the online procedure, and submitted – together with all the attachments – by means of the same online procedure.

No signature will be required when submitting the application only if the SPID is used to access procedure.

The date of online submission will be certified by the PICA procedure; applicants will be notified of the receipt of their applications and their subsequent registration by means of two separate e-mail messages. Each application will be attributed a separate identification number (application ID) and a registration number, both visible inside the application; the application ID must be used, together with the call code 22-AR-UNICO-SCIENZE-06, for any subsequent communications.

Once applications have been submitted online and the confirmation of the online PICA procedure has been received, it will no longer be possible to access them in order to modify them; they may only be withdrawn using the function “ritira/withdraw” on the initial page of the procedure. Applicants can, however, submit a new application. After the deadline for submission, the online procedure will no longer permit access or the online transmission of applications. Please note that the online procedure may undergo temporary suspensions for technical reasons.

No other form of transmission of applications and/or documentation for participation in the selection is allowed other than those indicated above. Solely in the case of proven and certified technical unavailability of the online PICA procedure, the Scuola Normale reserves the right to accept admission applications and/or supporting documentation submitted in other modes, provided they are transmitted before the call deadline.

Technical instructions for completing the application form are available on the Scuola Normale's website.

Reference Letters

Applicants may also indicate in their application the names and e-mail addresses of a maximum of 2 lecturers or researchers from universities in Italy or abroad or from research institutes, from whom the Scuola Normale, by means of the online PICA procedure, will request a letter of reference in support of the applicant. The letters of reference must be submitted not later than 23:59 (Italian time) of 20 January 2023.

Interview

The Committee may decide to conduct face-to-face interviews or online interviews with the admitted applicants. In any case, the online interview will be permitted to applicants who live permanently outside Italy or are domiciled abroad for work, study or research and request an online interview instead of a face-to-face interview. Applicants who are unable to attend an on-site interview for any other reason can request an online interview and the Committee will decide whether or not to permit it.

Applicants attending an online interview will have to comply with the [guidelines](#) on how to conduct online interviews, available on the website of the Scuola Normale, on pain of exclusion.

For the interview, applicants must show a valid identification document; otherwise they will not be permitted to take part in it.

Applicants who submit the wrong contact details, miss the connection on the date and at the time communicated by the Administration or fail to submit an identification document forfeit their right to participate in the interview and consequently in the selection process.

The Scuola Normale is not responsible for any technical problems that may arise during the interview.

Contact details for further information

For further administrative information about the application procedure and the relative documentation, or about the selection process itself, please contact the Servizio Personale a contratto (the Service for Personnel under contract) (e-mail job.opportunities@sns.it).

For any technical problems, applicants must use exclusively the link “Per problemi tecnici contatta il supporto” - “For technical problems contact the online help desk” - visualised in the section at the foot of the page of the web site <https://pica.cineca.it/sns/>