

**ANNOUNCEMENT OF PUBLIC SELECTION FOR 1 RESEARCH GRANT**  
**(Italian law No.240, Art.22, 30 December 2010)**

**Description**

The Scuola Normale Superiore announces a selection, based on work to date, for 1 research contract, named “*Analysis of numerical simulations of active galactic nuclei at high redshift*” as part of the research project “*Winds in galaxies*”, acronym WINGS, call EU-HORIZON EUROPE ERC-2021-STG (GA 101040227).

The research fellow is expected to analyze cosmological hydrodynamic simulations modelling the formation and evolution of super massive black holes and active galactic nuclei in the first billion years of the Universe. The research activity aims at developing synthetic data based on those simulation and comparing them with experimental data (JWST, ALMA, VLT). The research activity will be carried out under the supervision of Dr. Stefano Carniani within the WINGS (ERC project) framework.

Duration of the contract: 2 years, with possible renewal

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

Application deadline: 29 July 2022.

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**

Eligible applicants must have completed a PhD in Astrophysics, Physics or similar disciplines. Applicants who have completed the aforementioned degrees abroad may also apply, if said degrees are recognized as equivalent to Italian degrees.

Knowledge of English language is also required to carry out the research activity.

**How to apply**

Applicants with all the aforementioned requisites who wish to participate in the selection process must submit:

- a) their application, using the attached form (**Att. A - Application form**), written on paper with their original signature under penalty of exclusion (unless applicants choose to send their application form using a PEC e-mail address);
- b) a copy (non-authenticated) of a valid identification document;
- c) a signed and up-dated curriculum vitae containing a detailed description of their educational career and professional experience;
- d) publications, including their PhD thesis, and any other document that they believe may be useful to the assessment of their application (it is mandatory to attach all publications that applicants intend to submit for assessment by the Commission). The publications must be provided exclusively on a digital storage device (cd, USB flash drive etc.), in pdf format. For those unpublished texts accepted for publication, applicants must include the relative document in its final form and the publisher’s certificate or a detailed substitute statement of affidavit confirming that the relative text has been accepted for publication (please use Attachment B);
- e) a signed list of the submitted publications.

If the application is presented directly to the “Ufficio Protocollo” [Documents Registry Office] of the Scuola Normale or sent by registered mail or courier, the digital storage device must contain also a scanned copy of the application, the curriculum vitae and the list of publications.

In order to submit the application and documentation listed above, applicants must use one of these options:

- a) applicants can present the application form and documentation directly, during office hours (for information on opening hours please contact [protocollo@sns.it](mailto:protocollo@sns.it)), to the “Servizio Archivio, Protocollo e Posta” [Documents Registry Office] of the Scuola Normale, located at Via del Castelletto, n. 11, 56126 Pisa (Italy);
- b) applicants can send the application form and documentation by registered mail with acknowledgment of receipt or courier to the following address: Ufficio Protocollo della Scuola Normale Superiore, Via del Castelletto n. 11, 56126 Pisa (Italy). In this case, it is recommendable to write on the envelope “*Application to research grant WINGS*”;
- c) applicants can send the application form using the electronic mail only if they possess a personal certified e-mail address (the Italian PEC - Posta Elettronica Certificata). In this case, they should send the application form to the address [protocollo@pec.sns.it](mailto:protocollo@pec.sns.it).

If applicants send their application via PEC - Posta Elettronica Certificata, the presentation of documents and publications on paper, CD or USB flash drive is not requested.

Any candidature sent from a simple e-mail address, different from the one described above, will not be accepted.

No other delivery method will be accepted.

In the online application, applicants may also indicate some experts in the field of research, that they will contact asking them to send a letter of reference to the following e-mail address: [job.opportunities@sns.it](mailto:job.opportunities@sns.it) by 23.59 (Italian time) on 2 August 2022.

For further information or questions about the application procedure and the relative documentation, or about the selection process itself, applicants can write an email to [job.opportunities@sns.it](mailto:job.opportunities@sns.it)