

Translation of Announcement no. 132 dated 21.02.2025

Object: public selection procedure to assign 1 position of University Full Professor in accordance with art. 18, paragraph 1, of the Italian law 240/2010 at the Physics Area of SISSA, Group of Academic Discipline 02/PHYS-05 Astrophysics and cosmology, earth- space- and climate physics

THE DIRECTOR

Having seen Law No. 168 of 9.5.1989;
Having seen Law No. 241 of 7.8.1990 and all subsequent modifications and additions;
Having seen Presidential Decree No. 487 of 09.05.1994 and all subsequent modifications and additions;
Having seen Presidential Decree No. 445 of 28.12.2000 and all subsequent modifications and additions on administrative documentation;
Having seen Legislative Decree No. 196 of 30.06.2003, Code for the protection of personal data, as modified by Legislative Decree No. 101 dated 10.08.2018 that has brought into force the EU General Data Protection Regulation 2016/679;
Having seen Law No. 106 of 15.04.2004 and Presidential Decree No. 252 of 3.5.2006;
Having seen Law No. 240 of 30.12.2010, "Regulations on the organization of universities, academic staff and recruitment, as well as the enabling regulation for Government to promote quality and efficiency in the university system" and in particular Art. 18;
Having seen Presidential Decree No. 232 of 15.12.2011 concerning the Regulation governing the remuneration of professors and university researchers, in accordance with Art. 8, paragraphs 1 and 3 of Law 240/2010;
Having seen the Statute of SISSA, issued with Directorial Decree No. 40 of 18.01.2012, published in the Official Gazette No. 36 dated 13 February 2012, in force since 28.02.2012;
Having seen Legislative Decree No. 49 of 29.03.2012, which establishes the legislative framework for the planning, monitoring and evaluation of budgetary policies and recruitment of universities;
Having seen Article 19 of Legislative Decree 33/2013, as amended by Article 18 of Legislative Decree 97/2016, regarding the obligations of publication of the public announcements and the evaluation criteria of the Evaluation Commissions;
Having seen Ministerial Decree No. 855 of 30.10.2015, laying down the re-determination of academic recruitment fields and macro-sectors;
Having seen Ministerial Decree no. 76 of 07.06.2016 regarding the criteria for the evaluation of candidates finalized to obtaining the *National Academic qualification* to function as a university professor, full or associate, and the rules on the constitution of evaluation Committees referred to in art. 16, paragraph 3 letters a), b) and c) of Law no. 240 of 30.12.2010 and art. 4 and 6 paragraph 4 and 5 of Presidential Decree no. 95 of 04.04.2016;

Having seen Law by Decree No.1 of 9.1.2020 which established Ministry of University and Research and consequently abolished Ministry of Education, University and Research;

Having seen the Ministerial Decree of May 6, 2022, No. 445, "Extraordinary Recruitment Plans for University Personnel 2022–2026," and the Ministerial Decree of June 26, 2023, No. 795, "Extraordinary Recruitment Plan for University Personnel 2024," which allocate resources to state universities for the implementation of extraordinary recruitment plans for university professors, researchers as per Article 24, paragraph 3, letter b) of Law No. 240 of December 30, 2010, and administrative staff;

Having seen Ministerial Decree No.456 of 10.05.2023 "Definition of the correspondence between Italian and foreign Academic positions ex art. 18, par. 1, letter b) of the Law nr 240 of 30.12.2010" as integrated by the Ministerial Decree No. 1103 of 30.07.2024;

Having seen Directorial Decree no. 1114 dated 21.12.2023 with which the "Regulation on the enrollment of full and associate professors" (*professori universitari di I e II fascia*) in accordance with art 18 and 24 of Law no. 240 of 30.12.2010 was issued with modifications;

Having seen the resolutions adopted by the Academic Senate and the Board of Directors of SISSA during their meetings on 23.01.2024, and 30.01.2024, respectively, through which the Three-Year Staffing Plan within the 2024-2026 Integrated Performance and Administration Plan (PIAO) was approved, and considering the School's Strategic Plan;

Having regard to Ministerial Decree No. 639 of 02.05.2024 concerning the determination of groups of academic disciplines and their descriptions, as well as the streamlining and updating of academic disciplines and the alignment of the latter to groups of academic disciplines, pursuant to Article 15 of Law No. 240 of 30.12.2010;

Having seen the resolution of the Council of Physics Area (in restricted composition) dated 20.06.2024 with which the call for a public selection procedure was approved for 1 position of University Full Professor (professore universitario di prima fascia) at the Physics Area of SISSA, Group of Academic Discipline 02/PHYS-05 Astrophysics and cosmology, earth- space- and climate physics, Academic Discipline PHYS-05/A Astrophysics, Cosmology and Space Science;

Having seen the resolutions of the Academic Senate in the meeting dated 10.12.2024 and of the SISSA Board of Directors in the meeting of 12.12.2024, with which the call for a public selection procedure was approved for the awarding of 1 position of Full Professor (professore universitario di prima fascia) in accordance with art. 18, paragraph 1, of the Italian law 240/2010 at the Physics Area of SISSA, Group of Academic Discipline 02/PHYS-05 Astrophysics and cosmology, earth-space- and climate physics, Academic Discipline PHYS-05/A Astrophysics, Cosmology and Space Science;

Established the existence of available funds to cover the expenditure for the above mentioned position of University Full Professor (professore universitario di prima fascia) in accordance with art. 18, paragraph 1, of the Italian law 240/2010 at the Physics Area of SISSA, which will be charged to the resources allocated to the

School by Ministerial Decree no. 445 of 06.05.2022 or by Ministerial Decree no. 795 dated 26.06.2023;

DECREES

Article 1 - Position open to competition

The following public selection procedure is held to assign 1 position of University Full Professor at the Physics Area of SISSA, in accordance with Art. 18, Par. 1 of Law No. 240 of 30 December 2010.

Group of Academic Discipline: 02/PHYS-05 Astrophysics and cosmology, earth-space- and climate physics

Academic discipline: PHYS-05/A Astrophysics, Cosmology and Space Science

Area: 02 Physics

Maximum number of publications to be submitted: 15 (fifteen);

Knowledge of a foreign language: English.

The aforementioned position is advertised in line with SISSA's development plan to strengthen theoretical research in Galaxy Formation and Evolution, with a particular focus on its connections to cosmology, dark matter and dark energy, gravity, gravitational wave astrophysics, and astrophysical applications of data science, as well as teaching and supervision of Ph.D. students in this field.

Art.2 - Admission Requirements

The following candidates are eligible to participate in the selection procedure:

1. Scholars who have obtained the *National Academic qualification* to function as university professor, in accordance with article 16 of Law 240/2010 in the Academic recruitment field 02/C1 - Astronomy, astrophysics, earth and planetary physics corresponding to the Group of academic discipline 02/PHYS-05 Astrophysics and cosmology, earth- space- and climate physics, Area 02 Physics and for the position awarded with this selection procedure;
2. Candidates who have achieved the qualification for the position awarded with this selection procedure pursuant to Law 210/1998, in the academic recruitment field announced by this call within the validity period of such qualification;
3. Full professors enrolled in other Italian Universities;
4. Scholars, regularly engaged in research or teaching activities abroad at a University level and in a position equal to the one offered in this announcement, in accordance with the tables of correspondence established by the Italian Ministry of Education University and Research (MIUR) in Ministerial Decree no. 456 dated 10.05.2012 and subsequent amendments and integrations. SISSA may request MUR to carry out an assessment on the equivalence of the candidate's declared position with Italian academic

positions. If such assessment is binding, the candidate is admitted provisionally to the selection procedure.

On pain of exclusion and in order to be admitted to the selection, candidates must meet the requirements by the application submission deadline. Candidates who do not meet the requirements will be excluded from the selection process. Any change that may impact the candidate's compliance to the requirements should be promptly reported to: concorsi.doc@sissa.it

Candidates cannot take part in the selection if, on the expiry date of this Notice, any of the following conditions apply:

- candidates excluded from civil and political rights;
- candidates excluded from the active political electorate vote;
- candidates have been dismissed or relieved from role in a Public Administration or any other public body for consistently inadequate performance, pursuant to Presidential Decree No. 3/1957;
- candidates have a degree of kinship or affinity including the fourth degree, with a professor belonging to the School Council, or with the Director, the Secretary General or with a member of the Board of Directors of SISSA.

According to Article 7 of Legislative Decree 165/2001, public administrations ensure equality and equal opportunities between men and women and the absence of any form of discrimination, both direct and indirect, related to gender, age, sexual orientation, ethnic origin, disability, religion, or language, in access to employment, treatment and working conditions, professional training, promotions, and workplace safety. Public administrations also guarantee a work environment focused on organizational well-being and commit to detecting, countering, and eliminating any form of moral or psychological violence within their organization.

Art.3 - Applications for the selection procedure and deadline

The admission application must be signed and filled in all its parts (Annex A) and addressed to the Director of the International School for Advanced Studies (SISSA) - Via Bonomea, 265 - 34136 Trieste - Italy. The application must be submitted within thirty (30) days, commencing on the day following the date of publication of the selection procedure in the Official Gazette of the Republic – 4th special series (Gazzetta Ufficiale).

If this deadline coincides with a non-working day, the deadline will be postponed to the first working day.

The selection procedure will immediately be published on SISSA's website, and on the Ministry's and European Union's websites.

The application must be duly signed and submitted together with a copy of a personal identity document, on pain of exclusion.

The application may be submitted in one of the following ways:

1. Applications may be submitted by Certified Email (PEC) to protocollo@pec.sissa.it within the deadline. The application must be sent from the Certified Email address belonging to the candidate. On pain of exclusion,

submissions by Certified Email must have the following documents enclosed: filled out application form signed by the candidate, in PDF format; CV signed by the candidate, in PDF format; copy (front and back side) of valid ID, in PDF format and all other attachments in PDF format.

2. Applications may be submitted via e-mail to concorsi.doc@sissa.it. The application must be sent from the email address belonging to the candidate. On pain of exclusion, submissions by email must have the following documents enclosed: filled out application form signed by the candidate, in PDF format; CV signed by the candidate, in PDF format; copy (front and back side) of valid ID, in PDF format and all other attachments in PDF format.

Foreign candidates can submit the application following the instructions and within the deadline indicated in this article. For the submission of qualifications, documents and publications, the same requirements and instructions described in this article.

In the application, candidates must clearly indicate their surname, name, date and place of birth, and Italian tax code (for foreign candidates only if already possessed). Moreover, all candidates shall state under their own responsibility:

- a. the held citizenship;
- b. to hold one of the requirements for admission as specified in article 2 of this notice;
- c. not to have a kinship, or affinity including the fourth degree, with a professor belonging to the School Council, or with the Director, the Secretary General or with a member of the Board of Directors of SISSA;
- d. Not to hold penal judgment of conviction and not to have penal pending proceedings; moreover, they must declare they are not aware to be subjected to any criminal proceeding;
- e. Not to have been dismissed or relieved from their role in a Public Administration for consistently inadequate performance and not to have been dismissed or relieved from their role in a Public Administration or from any other public employment, in accordance with Art. 127, letter d) of Presidential Decree 10.01.57, No. 3.

Failure to declare one of the previous points in the application form will cause exclusion from the selection.

Italian candidates must also declare in the application under their own responsibility:

- that they are either registered on the electoral list in the city of residence, or no longer registered (please enlist the reasons of removal from the register/failure to register);
- that they meet any obligations under national laws on military service (for candidates who were born before 1985);

Foreign candidates must declare in the application under their own responsibility:

- that they enjoy full civil and political rights in their Country of origin. Alternatively, they have to state the reasons for exclusion;
- to have adequate knowledge of Italian language - not required for the research and teaching activities that will be held in English.

In the application, candidates must indicate the address where any communications must be sent, the phone number, cell phone, fax and email address. Any change must be immediately communicated to this School.

SISSA is not liable for misdirected communication due to incorrect residence or domicile information provided by candidates, or to missing or late notification of any changes thereof. The Administration shall bear no responsibility for any postal or communication delays or third-party delays due to fortuitous events or *force majeure*.

In addition, candidates must attach to the application:

1. a copy of a valid personal identity document (front and back side) and copy of the tax code (for foreign candidates only if already possessed);
2. a C.V. listing all research and teaching activities, their degrees and all other qualifications, dated and signed, and submitted through the form of the *dichiarazione sostitutiva di atto di notorietà* (document in which candidates undersign that what is stated is true) using the attached Annex B;
3. a numbered list, dated and signed, of the publications to be submitted following the procedures described in Art. 4 of this notice;
4. a maximum number of 15 publications, (in the case of publications issued in copy, attach the *dichiarazione sostitutiva di atto di notorietà* - Annex B);
5. a numbered list, dated and signed, of all the qualifications which are thought to be useful for selection purposes, as well as the qualifications themselves.

Citizens of the European Union can:

- self-certify the possession of qualifications using the *dichiarazione sostitutiva di atto di notorietà* (Annex B). If the degrees have been issued by a Public Administration, please note that they can be only self-certified by the candidate.
or
- submit an original copy of the qualifications, or valid certified copies through a *dichiarazione sostitutiva di atto di notorietà*, pursuant to Art. 19 and 47 of Presidential Decree 445/2000; all qualifications/certifications issued in other languages (except English) must be translated into Italian by a recognized authority/Embassy or by an official translator.

Non-European Union nationals holding a valid residence permit may submit an original copy of the qualifications, or valid certified copies. They can use the *dichiarazione sostitutiva di atto di notorietà* as for citizens of the European Union, limited to prove status, facts and personal qualities which can be certified by Italian

public institutions or, in application of international conventions between Italy and the Country of origin of the applicant.

Non-European Union nationals without a residence permit may submit an original copy of the qualifications, or valid certified copies.

The Administration reserves the right to carry out appropriate controls on the truthfulness of the content of the declarations.

No reference may be made to documents, qualifications and publications already submitted or attached to other SISSA procedures or to other administrations.

Art. 4 - Publications

Candidates are allowed to submit up to a maximum number of fifteen publications, which must be numbered in sequential order, order and bear the same number of the publications' list and must be submitted together with the application.

Publications that are not submitted together with the application and which do not comply with the rules and the deadline indicated in this Notice, although included in the publications' list, cannot be taken into consideration by the Evaluation Committee.

Only publications and texts accepted for publication according to existing regulations will be evaluated, as well as essays that are part of collective works and articles published in paper or digital journals, with the exclusion of internal documents and department reports.

Text and articles which on the expiry date of this Notice are yet to be published must be accompanied by the editor's letter proving that they have been accepted for publication.

If the candidate exceeds the maximum number of publications indicated in this Notice, the Committee will evaluate only the first items following the order on the list submitted by the candidate, up to the maximum number of publications prescribed in this Notice.

For works printed abroad, the date and place of publication must be included or, alternatively, the ISBN code or other equivalent.

For works printed in Italy before 02 September 2006, all duties in accordance with Art. 1 of Decree No. 660 of 31 August 1945 must be fulfilled; for works published from 02 September 2006 onwards, all duties in accordance with Law No. 106 of 15 April 2004 and with Presidential Decree No. 252 of 3 May 2006 must be fulfilled. Publications must be submitted in Italian or English. Publications in languages other than those specified in this call may only be evaluated if accompanied by a official translation certificate in accordance with current regulations. Specifically, they must be translated into certified in conformity with the foreign text and drafted by the competent diplomatic or consular representation or by an official translator. For collaborative publications, the candidate may attach a statement certifying their contribution. In the absence of such a statement, collaborative publications may be evaluated as long as it is possible to identify the individual contribution of the candidate based on its consistency with their overall scientific activity.

It is not allowed to submit publications in the form of links to files hosted on "online storage/file sharing" services or web pages. The publications will be evaluated by the Commission solely within the context of this selection procedure, in compliance with current regulations on editorial activities and copyright.

Art. 5 - Exclusion from the selection procedure

Candidates are admitted to the selection procedure with reserve, therefore the exclusion due to the unfulfillment of requirements can be made at any time through a Director's decree.

The lack of the requirements listed in article 2 and the non-compliance with the methods of submitting the application as per article 3 of this notice will cause the exclusion of the candidate from the selection.

Art. 6 - Constitution of the Evaluation Committee

The Evaluation Committee is appointed by the Director of SISSA through the designation of the Academic Senate and the proposal of the Area Council that has requested the position. It is composed of five members: two of them are full professors (professore di prima fascia) of SISSA and the three external members are full professors belonging to the same Group of Academic Discipline of the selection procedure in other Italian Universities, or professors in foreign universities or other internationally recognized research institutions active in an area congruous with the same field of the posted position.

The selected Committee will be published on SISSA's website. Within the 30 (thirty) days commencing on the day following the date of publication, candidates can submit to the Director eventual objections to one or more members of the Committee, according to articles 51 and 52 of the Civil Procedure Code (Codice di Procedura Civile). No objections can be submitted after such deadline.

Art.7 - Duties of the Evaluation Committee

The Committee evaluates candidates through their publications and their C.V on teaching and research activities.

The evaluation of the C.V. and of the scientific production of the candidate takes into account the profile requested for the position and the criteria for evaluation specified in article 12 of the "Regulation on the enrollment of full and associate professors" of SISSA (D.D. 1114 of 21.12.2023) in accordance with articles 18 and 24 of Law 240/2010.

The Committee conducts its work in the presence of all members and makes its decisions by absolute majority of the members, also using telematic tools for collegial work.

At the end of the procedure, the Committee identifies the most qualified candidate for the teaching and research activities of the position.

The Committee must complete all the procedures within three months since the date of issue of their appointment by the Director's Decree, unless extended through a justified provision. The deadline may be postponed for proven and exceptional circumstances of which the Chair of the Committee must give notice.

If the Committee does not end the procedures within the deadline, the Director replaces the members who are responsible for the delay and defines a new deadline for the conclusion of the procedure.

Art.8 - Verification of regularity of acts

In the 7 days following the conclusion of the evaluation procedures, the Committee delivers to the Director all acts. If the Director's verification is positive, the Director approves the Committee acts through a decree which is published on the School's website. If after the verification, faults are identified, the Director sends back to the Committee the acts and indicates a deadline for their regularization.

Art. 9 - Call

The School Council proposes the call of the candidate selected by the Committee to the Board of Directors. The proposal is adopted through a resolution with positive vote of the absolute majority.

Art. 10 - Constitution of employment

The position is appointed through a Director's Decree, subject to a prior obtainment of the authorization from the University of affiliation, in case of need.

The date on which the professor will start the activity is communicated by the Area that has requested the position and is subsequent to the research and teaching needs, to the financial provisions of the School and to other binds of law.

If, during the selection procedure, legal, organizational or financial circumstances arise precluding employment, the School can annul or postpone employment.

The appointed full professor must submit or deliver to the School, within the strict deadline of 30 days from the commencement of service, the documentation required by the provisions of the current regulations.

Art.11 - Rights, duties, fiscal and social security treatment

The rights and duties are those foreseen in laws governing the juridical status of professors.

The fiscal and social security treatment is in accordance with laws governing the economic and social security treatment for full professors.

The professor who has been a resident abroad, not occasionally, and who has carried out documented research or teaching activities abroad for at least two continuous years at public or private research centers or universities, and who acquires tax residence in the territory of Italy within three months from the start of the activity, may benefit from the application of the preferential tax regime, unless there are subsequent legislative changes.

Art.12 - Personal Data Handling

With reference to the regulations expressed by the decree n. 196/2003, as modified by Legislative Decree No. 101 dated 10.08.2018 that has brought into force the EU General Data Protection Regulation 2016/679, the data provided by the candidates will be protected in accordance with the mentioned law and to confidentiality obligations and will be processed for the sole purposes connected

with the selection procedure and the eventual management of the employment contact.

Art. 13 - Head of the procedures

The Head of the procedures is dr. Alessandra Lucatello, Head of the Human Resources Area of this Administration (e-mail: concorsi.doc@sissa.it).

Art. 14 - Notice publication

This announcement is published on SISSA's website. Notice of the announcement will be posted on MIUR's website (<http://bandi.miur.it/index.php>) and on the European Union website (<http://ec.europa.eu/euraxess>).

Art. 15 - Final provisions

For anything that is not expressly covered in the present notice, reference shall be made to what is prescribed by Law.

THE DIRECTOR
prof. Andrea Romanino
(Italian version signed digitally)