SISSA
Scuola Internazionale Superiore di Studi Avanzati

D.S.G. 847.2026 of November 6h, 2026

Subject: Public selection procedure based on qualifications and interview for the recruitment of No. 1 fixed-term technologist at the Physics Area of SISSA, as per Article 24 bis of Law No. 240 of 30 December 2010

THE SECRETARY GENERAL

Having regard to Law No. 168 of 9 May 1989, "Establishment of the Ministry of University and Scientific and Technological Research";
Having regard to Law No. 241 of 7 August 1990, “New regulations on legislative procedures” and all subsequent amendments and additions;
Having regard to Law No. 104 of 5 February 1992, "Framework Law for the assistance, social integration and the rights of people with disabilities" and all subsequent amendments and additions;
Having regard to Presidential Decree No. 445 of 28 December 2000, "Consolidation Act of legislative and regulatory provisions on administrative documentation" and all subsequent amendments and additions;
Having regard to Legislative Decree No. 165 of 30 March 2001, concerning the general rules of employment in the public administrations and all subsequent amendments and additions;
Having regard to Legislative Decree No. 196 of 30 June 2003, “Code for the protection of personal data”, as modified by Legislative Decree No. 101 of 10 August 2018, which transposes the EU General Data Protection Regulation 2016/679 (GDPR);
Having regard to Legislative Decree No. 198 of 11 April 2006, “Code of equal opportunities between women and men”, pursuant to art. 6 of Law No. 246 of 28 November 2005; Having regard to the Interministerial Decree of 9 July 2009 establishing the equivalence of second-cycle degrees awarded prior to Ministerial Decree 509/99 (vecchio ordinamento), pursuant to Ministerial Decree 509/99 (lauree specialistiche, LS) and pursuant to Ministerial Decree 270/04 (lauree magistrali, LM), for the purpose of participating in public selection procedures;
Having regard to Law No. 240 of 30 December 2010, "Rules on the organization of Universities, academic staff and recruitment policies, and enabling the government to promote quality and efficiency in the university system", and Art. 24-bis in particular, which establishes the position of University Technologist on a fixed- term contract;
Having regard to Law No. 190 of 6 September 2012, “Rules for the prevention and repression of corruption and unlawfulness in public administration”;
Having regard to Legislative Decree No. 33 of 14 March 2013, as amended by Legislative Decree No. 97 of 25 May 2016, “Reorganization of provisions on compulsory publicity, transparency and dissemination of information by Public Administrations”;
Having regard to Law No. 97 of 6 August 2013, “Provisions for fulfilling the obligations arising from Italy's membership in the European Union- European Law

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2013" and to Art. 7 in particular, which amends the provisions pertaining to access to jobs in the public administration;
Having regard to Law No. 125 of 30 October 2013, converting into law Legislative Decree No. 101/2013, "Urgent provisions for achieving rationalization goals in the public administration";
Having regard to the Statute of SISSA, issued by Directorial Decree No. 40 of 18 January 2012, published in the Official Gazette No. 36 of 13 February 2012, in force since 28 February 2012;
Having regard to SISSA Regulation, issued with Directorial Decree No. 334 dated 06 July 2016, regarding the recruitment of technologists with a fixed-term contract pursuant to Art. 24 bis of Law No. 240 of 30 December 2010;
Having regard to the 2006-2009 National Collective Labour Agreement, University Section, and the National Collective Labour Agreements, Education and Research Section;
Having regard to the resolution of the Physics Area Council dated October 15th, 2026, requesting a public selection procedure for the recruitment of a technologist with a fixed-term contract lasting 36 months, pursuant to Art. 24 bis of Law 240/2010, for the following activities: ***Metodi avanzati di calcolo ad alte prestazioni per la simulazione quantomeccanica dei materiali***;
Having regard to the resolution of the Board of Directors dated October 29th, 2026, based on the assent granted by the Academic Senate on October 27th, 2026, authorising the call of a public selection procedure to recruit a fixed-term technologist at the Physics Area, pursuant to Art. 24 bis of Law No. 240 of 30 December 2010, to ***Metodi avanzati di calcolo ad alte prestazioni per la simulazione quantomeccanica dei materiali***;
Given that the activation of the position is subjected to the execution of the Grant Agreement, currently being finalized, for the project MAX – "MaX" (No. P/040002/01-06/X64) under the Horizon Europe Programme, EuroHPC CoE Joint Transnational Call, E4 Computer Engineering, identified by Grant Agreement No. 101319119 — MAX — HORIZON-JU-EUROHPC-2026-COE-LH-01 and the activities shall be carried out exclusively in the interest of the project and all related costs for the entire duration of the position shall be charged to the project budget.
Having decided to proceed;

DECREES AS FOLLOWS

Art. 1 - Position open to competition

A public selection procedure based on qualifications and interview is announced for the recruitment of No. 1 fixed-term technologist, pursuant to Article 24 bis of Law No. 240 of 30 December 2010, for a full-time contract lasting 36 months, with weekly time commitment: 36 hours. The position is required to support activities related to ***Metodi avanzati di calcolo ad alte prestazioni per la simulazione quantomeccanica dei materiali*** (Advanced high-performance computing methods for the quantum-mechanical simulation of materials).

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This Administration guarantees equal opportunities to male and female participants in accessing job posts and equal treatment at work, pursuant to Art. 7 of Legislative Decree 165/2001.

Art. 2 - Role, activities, skills

Fields of the research activity is aimed to: ***profiling e ottimizzazione delle librerie del software Quantum ESPRESSO, con particolare riferimento all'algebra lineare e all'analisi spettrale per sistemi HPC ad architettura ibrida, nonché sviluppo di applicazioni innovative nella fisica e nella chimica dei materiali*** (Profiling and optimization of the libraries of the Quantum ESPRESSO software package, with particular emphasis on linear algebra and spectral analysis for hybrid-architecture HPC systems, as well as the development of innovative applications in materials physics and materials chemistry).

Art. 3 - Admission and Eligibility Requirements

Italian and foreign candidates in possession of the following requirements are admitted to the selection procedure:

Compulsory requirements:

a) University degree: Bachelor's or first-cycle equivalent degree in Physics or Chemistry or Materials Science Physics (Scienza dei materiali).
b) PhD in: Physics or Chemistry or Materials Science Physics (Scienza dei materiali).
c) Further professional and/or academic qualifications relevant to the activities to be carried out: documented experience of at least two years in high-performance scientific computing applied to materials physics. Preference will be given to candidates who have attended specialized professional training courses in high-performance scientific computing, either as participants or as instructors.

If the degree required for admission to the competition has been awarded abroad, the candidate must submit an application for recognition of the foreign qualification to access to public competitions to the Presidency of the Council of Ministers - Department of Civil Service - (Presidenza del Consiglio dei Ministri - Dipartimento della Funzione Pubblica) and to the Ministry of the University and Research according to. of art.38 of Legislative Decree 30.03.2001, n.165 (as amended by D.L. 30.12.2021, n.228, converted by L. 25.02.2022, n.15) and give timely notice to have started the procedure to Human Resources Management and Development Office at e-mail.

In this case, the candidate is admitted to the selection process with reserve and, should he/she be successful in the merit list, he/she is obliged - under penalty of forfeiture - to inform the Ministry of University and Research or the Ministry of Education, within fifteen days, of the publication of the approval of the acts and the merit list on the SISSA website, in order to issue the required recognition title.

Forms and information on how to apply for equivalence of a foreign qualification can be found at the following Internet address:

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Moduli equivalenza titoli di studio

General requirements

- Full civil and political rights;
- Aged 18 or above;
- having met any obligation on military service under national laws;
- being physically fit for recruitment. The Administration will carry out the due checks, in accordance with the current regulations;
- not having a kinship or affinity up to the fourth degree with the Director, the Secretary General or a member of the Board of Directors of SISSA;
- not having been dismissed or relieved from employment in a Public Administration or any other public body pursuant to Art. 127, letter a) of Presidential Decree No. 3 of 10 January 1957.

In order to be admitted to the selection, candidates must meet the requirements by the application submission deadline.
Candidates are admitted provisionally to the selection procedure and can therefore be excluded due to a lack of compliance with the requirements at any time, through a reasoned decree of the Secretary General.

Art. 4 - Applications for the selection procedure

1. Under penalty of exclusion, the application for the selection procedure, along with all relevant documents, shall be submitted through the dedicated online application available at the following link:
https://pica.cineca.it/sissa/2026-tecn-01/domande

2. The online application and submission procedure shall be completed by 11:59 pm of the 10th day after the publication date of this Notice in the Official Journal - IV Special Series - Calls and Exams Section (CET, Rome time). If the deadline falls on a day that is not a business day, it shall be extended to the next business day.
3. No other forms of submission of the application or any other relevant document is allowed.
4. A personal e-mail account is required to register on the online platform.
5. Candidates have to submit all required data to generate the application. All relevant documents have to be uploaded in .pdf format. Under penalty of exclusion, the application must be duly filled out, as indicated in the online procedure, and must include a valid ID. Before the deadline, and prior to final submission, the application can be saved as a draft so as to edit, refine and send it at a later time.
6. The application must be completed and finalized, signing the document in one of the following ways:

Hand-written signature: the document must be downloaded in .pdf format and it shall not be modified in any way. Candidates then have to print it, sign it, scan it into a .pdf file and upload it on the website.

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Digital signature through ConFirma server, using hardware equipment (e.g. smart card or USB device with digital subscription certificate issued by a qualified certifying authority) compatible with the ConFirma service. The signed document must be downloaded in .pdf format and subsequently uploaded on the website.

Digital signature on the candidate's own PC: the document must be downloaded in .pdf format from PICA website. Candidates then have to sign it using a digital signature software or hardware equipment such as a smart card or USB device with digital subscription certificate issued by a qualified certifying authority. The .p7m file shall then be uploaded on the website.

7. If necessary, before the deadline candidates can withdraw an application which has already been sent and submit a new one. The date of electronic submission of the application is certified by the computer system by means of a receipt that will be automatically sent by e-mail to the address indicated by the candidate. Each application will be assigned an identification number, which has to be specified in any subsequent communication together with the code of the selection procedure that can be found in the electronic application. The online application and submission procedure shall be completed by 11:59 pm on the deadline of the selection procedure (CET, Rome time). The system automatically denies access to the platform and submission of the application after the deadline. The service could be temporarily unavailable due to technical reasons. Requests for technical support and assistance may be sent clicking the link "Supporto" at the end of the page https://pica.cineca.it/sissa . This Administration will not be held responsible for errors or delays due to third parties, unforeseeable circumstances or force majeure.
8. In the application, candidates must clearly indicate their surname, name, date and place of birth, tax code and place of residence, specifying the address and ZIP code. In the application, candidates must indicate the address where any communications are to be sent, their phone number, cell phone number, and e-mail address. Any change must be promptly communicated to this School.
1. All candidates shall state their own responsibility:

- that they hold Italian citizenship or the citizenship of another Member State of the European Union, or they are a family member of a citizen of a Member State of the European Union and hold the right of residence, or the right of permanent residence, or alternatively that they are a third-country citizen holding an EC long-term residence permit or hold refugee status or subsidiary protection status;
- if they are Italian citizens, that they are either registered on the electoral list in the city of residence, or no longer registered (please enlist the reasons for removal from the register/ failure to register);
- any criminal convictions they have had (even if they have been granted amnesty, pardon, remission or judicial pardon) and any criminal proceedings pending against them;
- the academic qualification required for admission to the selection procedure that they hold, specifying the year in which it was awarded and the institution which

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awarded it. Possession of a higher qualification does not replace the possession of any lower qualification required. For foreign qualifications, the equivalence with the corresponding Italian qualification will have to be explicitly declared.
- whether they meet any military obligation (for candidates born before 1985);
- that they are physically fit for recruitment for the position described in this notice;
- whether they have been employed in a public administration and the reasons for the termination of previous public employment relationships, if any;
- any preferential condition that gives right to preference, in the event of an equal score. Failure to declare any preferential condition in the application form entails that no preference can be given;

Citizens of the member states of the European Union or their family members or citizens of non-EU countries, as per letter c) of art. 2 of this decree, must also declare that they enjoy civil and political rights in their country of origin, or the reasons why they do not, and that they have adequate knowledge of the Italian language.

10. Candidates with disabilities must specify in their application whether they need any aid and/or additional time at the interview. Pursuant to Art. 4 and Art. 20 of Law 104/1992, both requests must be supported by a medical certificate issued by a competent public health authority.

11. The Administration cannot be held responsible for misdirected communication due to incorrect contact details given by the applicant, or late/missing communication of changes of the contact details indicated in the application.

Art. 5 - Appointment of the Evaluation Committee

1. The Evaluation Committee is appointed by decree of the Secretary General, according to Art. 4 of the SISSA's Regulation for the recruitment of fixed-term Technologists pursuant to Art.24 bis of Law No. 240 of 30 December 2010, issued by Directorial Decree No. 334 of 6 July 2016.

Art. 6 - Evaluation procedure

1. The Evaluation Committee verifies knowledge, skills, attitudes and motivations of the candidates in relation to the professional profile required through an evaluation of the qualifications and an interview, according to art. 7 and 8 of this notice.

Art. 7 - Interview

1. The interview will focus on knowledge and skills that characterize the position of this selection procedure. The knowledge of the English language will also be evaluated. The Commission may award up to 60 points for the interview.

2. Candidates are eligible if they score at least 42/60 at the interview.

3. The interview is held in person at SISSA, via Beirut 2-4 - 34151 Trieste, Italy, **room MB-106 at 10 am**

4. The convocation to the interview is fixed for **Friday, December 4th, 2026**

5. This publication acts as an official notification. No further notice is envisaged. Candidates will show up with a valid identification document at the place, day and

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time indicated above. Failure to attend the interview shall be considered as an explicit and final withdrawal from the selection procedure.

Art. 8 – Assessment of qualifications

1. The Committee evaluates the qualifications according to predefined criteria, related to parameters recognized at an international level such as relevance, significance and quality.

A maximum score of 30 points is attributed to the qualifications distributed as follows:

QUALIFICATION	CRITERIA	SCORE
Publications and technical/scientific output	• Originality, innovativeness, and significance of the work submitted, with particular regard to its relevance to the activities specified in the call for applications. • Scientific relevance and standing of the publication venues in which the submitted works have been published.	**Max 4 punti**
Professional experience and appointments relevant to the subject matter of the call for applications	• Relevance and continuity of positions held and any responsibilities undertaken • Consistency of the candidate's activities with the research field covered by the call for applications • Participation in competitive research projects relevant to the activities required by the call	**Max 8 punti**
Additional qualifications relevant to the required profile, including technical and scientific training, as well as any teaching and science communication activities.	• Relevance to the role specified in the call for applications • Relevance to the activities envisaged under the call for applications	**Max 8 punti**

All qualifications will be evaluated according to relevance to the subject of this announcement, skills and specific knowledge required.

2. Qualifications have to be held on the date of submission of the application.

3. Self-certifications must be clear and detailed, to enable the Evaluation Committee to carry out a proper assessment. The periods of duty mentioned in Annex B must be stated using the day/month/year format. Failure to submit a complete description of the period of service, e.g. stating only the month and year, entails that the evaluation will be carried out by default, taking the last day of the month in which the period began, and the first day of the month in which the period ends.

4. The total score for the qualifications cannot exceed 50% of the overall score.

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5. The Administration will carry out checks on the self-certified data, also on a random basis. Under Article 76 of Presidential Decree No. 445 of 28 December 2000, the submission of false declarations, false documents and the use thereof shall be punished according to the Penal Code and special laws.
6. Non-European Union citizens can submit self-certifications only 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. If the documents are written in a foreign language other than English, they must be translated into Italian by a recognized authority/Embassy or by an official translator. In all other cases, non-EU citizens must produce qualifications in original or certified copy.

Art. 9 – Identity documents
To attend the interview candidates must show one of the following identity documents:
- identity card, passport, post office card, firearms certificate or driver's license;
- recent photograph applied on stamped paper, with the candidate's signature authenticated by the major or by a notary.
The abovementioned documents must be valid.

Art. 10 - Constitution, approval, duration and publication of the ranking
1. Once the selection procedure is over, the ranking is approved by decree of the Secretary General and is the result of the marks obtained by each candidate for the assessment of the qualifications and at the interview. In case of equal score, preference is given to the youngest candidate.
2. The candidate with the highest score is declared the winner, subject to verification of the requirements for the admission to employment.
3. The ranking and the announcement of the winner will be published on SISSA official register and website. Notice of such publication will be given in the Official Gazette of the Italian Republic - 4th special series. The deadline for any appeals will start from the day following the publication of said notice.
4. The ranking is valid for 24 months from the publication on SISSA official register.

Art. 11 - Establishment of employment relationship and contract
1. The winner of the selection will be invited to enter into an individual fixed-term employment contract with SISSA for a period of 24 months (subject to the duration of the funding project), for the position of Technologist, within the deadline indicated in the invitation note. After the deadline, which can be extended upon request of the candidate in case of proven and justified impediment, the employment contract will not be stipulated.
2. The employment relationship is governed by the individual contract by the current legislation on employment, also with regard to tax treatment, welfare and social security. La SISSA also provides insurance coverage for accident risks and public liability.
3. The total gross annual remuneration is all-encompassing and amounts to Euro 37.869,41. The overall cost of the contract, including administration charges, will

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be covered by the project MAX - “MaX” (n. P/040002/01-06/X64) – Programma Horizon Europe, Bando transnazionale congiunto EuroHPC CoE, E4 Computer Engineering, di cui al Grant Agreement ID: 101319119 — MAX — HORIZON-JU-EUROHPC-2026-COE-LH-01. The activities shall be carried out exclusively in the interest of the project

4. The working time is an average of 36 hours per week over a three-month period and is adjusted to the needs of the research project, to the tasks given and to the time schedule of the structure in which the employee operates, taking into account the organizational criteria of SISSA.

5. This contract does not give rise to any right regarding access to employment in the academic or technical / administrative staff of the School.

6. The winner will be subject to a probationary period of four weeks. This trial period may not be renewed or extended. If at the end of the probationary period there is no negative assessment from the person responsible for the project, the trial is considered as successful. In the event of a negative assessment, the relationship is automatically terminated without notice.

7. At any time during the trial period, either party may terminate the relationship without notice nor compensation in lieu of notice, except in cases of suspension within the trial period. The withdrawal is effective from the date of notification to the other party. The withdrawal of the School must be motivated.

8. Once the trial period ends, if no withdrawal has occurred, the employee is confirmed in duty and s/he shall be accorded seniority from the date of recruitment for all purposes.

9. If the selection procedure is revoked, the contract is terminated in any case, with no obligation of prior notice.

10. The cancellation of the recruitment procedure, which is a precondition for employment, causes the termination of the contract without prior notice.

11. The contract may be extended pursuant to Art. 24-bis of Law 240/2010, subject to verification of persisting organizational needs and the availability of research funds. The total duration of the contract, including any extension, may in no case exceed five years.

12. For anything that is not expressly covered in this announcement, reference shall be made to the provisions of the current Regulations and to the Collective National Labour Agreements for personnel of the University Section and Education/Research Section.

Art.12 - Overlapping - incompatibility

1. The aforementioned contract cannot be held concurrently with other similar contracts, even in other universities or private scientific institutions, nor with PhD/research/post-graduate fellowships.

2. The fixed-term technologist position is incompatible with trade and industry activities. Freelance activities are only compatible with part-time work of no more than 18 hours per week.

Art. 13 - Submission of documents for employment

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1. Within thirty days of entering into the individual employment contract, the ill be asked to provide documents or to sign a self-declaration as proof of the possession of the requirements stated in this notice.
2. For the purpose of verifying physical fitness for continuous and unconditional employment, the employee will undergo a medical examination carried out by SISSA's Medical Officer.

Art.14 - Personal Data Handling

1. Pursuant to Legislative Decree No. 196 of 30 June 2003, as amended by Legislative Decree No. 101 of 10 August 2018, which transposes the EU General Data Protection Regulation 2016/679 (GDPR), all personal data provided by candidates will be processed for the sole purposes connected with and instrumental to this selection procedure.
2. The transmission of personal data is required for the evaluation and selection procedure.

Art.15 - Head of procedures

1. Pursuant to Art. 5 of Law 241/90, the Head of procedures is Dr. Alessandra Lucatello, Chief of Human Resources Area of this School (e-mail: concorsi.pta@sissa.it)

Art.16 – Final provisions.

For anything that is not expressly covered in this notice, reference shall be made to current norms and provisions, where applicable.

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