SISSA
Scuola Internazionale Superiore di Studi Avanzati

TRANSLATION OF ANNOUNCEMENT FOR 1 RESEARCH POSITION AT SISSA MATHEMATICS AREA

Decree no. 1172 dated 18 December 2024

Art.1 A public selection, based on qualifications, is hereby announced for 1 research position in the research field detailed in Annex 1. Full details, admission requirements and duration are listed in Annex 1.
Pursuant to Art. 7, par. 1, of the Italian Legislative Decree No. 165/2001, public administration bodies ensure gender equality and equal opportunities, as well as the absence of any form of direct or indirect discrimination on grounds of gender, age, sexual orientation, ethnicity, disability, religious belief and language, affecting access to employment, working conditions and economic treatment, vocational training, career advancement and workplace safety.

Art.2 Eligible candidates must be in possession of a scientific-professional curriculum which enables them to carry out research activity and meet the further requirements specified in Annex 1.
Personnel with permanent positions in Italian universities, public research and experimentation institutions, ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development), ASI (Italian Space Agency) or institutions which award scientific degrees equivalent to PhD, in accordance with art. 74, par. 4 of the Italian Presidential Decree No. 382 dated 11.07.1980, are excluded from applying.
In accordance with art. 18 of the Italian Law No. 240/10, candidates having a family relationship or other degree of kinship up to the 4th degree with the following persons are also excluded from applying:
- SISSA Professors belonging to the Area that requested the position;
- Director of SISSA;
- Secretary General of SISSA;
- Member of the Board of Directors of SISSA (please see Annex A).

The research fellowship is awarded through a private law contract which does not give any right to be employed by universities.

Art.3 The salary of the research fellowship detailed in Annex 1 is gross per year and includes contributions to be paid by the researcher. The fellowship is paid monthly in arrears. The fiscal and social security treatment of the research fellowship is in accordance with art. 4 of Italian Law No. 476 dated 13.08.1984 (dd/mm/yyyy) and subsequent integrations and modifications, and par. 26 and followings of art. 2, Italian Law No. 335 dated 08.08.1995 and subsequent integrations and modifications.

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The School arranges for insurance coverage for the fellowship holders against accidents in the workplace and for third-party liability while they are carrying out their research work. The insurance premium is deducted from the fellowship.

Art.4 The fellowship cannot be held simultaneously with other fellowships of whatever kind, except those awarded by Italian or foreign institutions with the aim of integrating the research activity of the candidate through a period spent abroad.
Provided that they fulfil their research obligations, fellowship holders are authorized to carry out professional activity as long as the activity is compatible with the research position, does not pose a conflict of interest and is not prejudicial to the School. Fellowship holders willing to carry out an external activity on a continuous basis shall submit a specific request, which will be evaluated by the relevant Area Council and subsequently submitted to the Academic Senate of the School for approval.
If compatible with their research duties, and following written approval by the scientist responsible for the research project, fellowship holders can participate in research assignments commissioned to SISSA by third parties (pursuant to art. 66 of the Italian Presidential Decree No. 382/80), in accordance with the current regulations.
Fellowship holders cannot be enrolled in University Degree courses, PhD courses with scholarship or medical school of specialization in Italy or abroad.
Government employees must be given unpaid leave for the entire duration of the fellowship.

Art. 5 The requirements for the admission to the selection procedure are listed in Annex 1.
To prove the equivalence of a qualification so as to meet the requirements described in Annex 1, the candidate must refer to the list of equivalences available on the website of the Italian Ministry of University and Research (https://www.mur.gov.it/it/aree-tematiche/universita/equipollenze-equivalenza-ed-equiparazioni-tra-titoli-di-studio/titoli-0).
Qualifications obtained abroad and declared equivalent by the Italian authority, according to the current legislation, will be accepted for the purposes of the selection procedure.
In the event of a foreign degree that has not already been declared equivalent in Italy according to the law (https://www.cimea.it/EN/), the examining board may admit the candidate upon evaluation of his/her study plan and its consistency with the scientific sectors specified in Annex 1.
The qualifications evaluation criteria, which can be set by the examining board according to internationally recognised parameters, are consistency

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with the subject of the research fellowship, relevance and quality of the following qualifications and activities:
- the research project submitted by the candidate;
- proven research activity;
- academic qualifications (University Degree, PhD, specialization degrees or attendance certificates of other postgraduate specialization courses held in Italy or abroad);
- other qualifications.

For foreign degrees that have not already been declared equivalent in Italy according to the law, candidates must attach their academic transcript, translated into either in English or Italian.

The scientific qualifications must be relevant to the Area referred to in this announcement or to interdisciplinary subjects relevant to the areas involved.

The selection is carried out by the examining board. It consists of an evaluation of the submitted research project and takes into account the scientific profile of the candidate, as shown by his/her qualifications and publications.

The evaluation criteria are relevance, significance and quality with respect to the topics of the fellowship, and refer to:
- the research project submitted by the candidate;
- the documented research activity;
- the candidate's educational background (degree, PhD, diplomas of specialization and certificates of attendance at postgraduate courses issued in Italy or abroad);
- other qualifications.

Scientific qualifications must be relevant to the Area indicated in this call for applications or to interdisciplinary topics related thereto.

Art.6 The examining board is appointed by decree of the Director of SISSA, upon a proposal of the relevant Area Council. It comprises up to nine members, of which one shall act as President and one as Secretary. The members of the examining board shall be chosen among professors and researchers of SISSA, other research institutions and universities, or among experts in the subjects referred to in this announcement. A deputy can be appointed for each member.

The evaluation of the projects submitted by the candidates and their qualifications shall be carried out by the examining board according to the following table:

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Qualification	Evaluation criteria	Score
Research project	Relevance, pertinence, quality	max 40 points
PhD	Relevance to the project	max 10 points
University Degree	Type of degree listed in the announcement - according to the degree mark	max 5 points
Published works and other research products	Relevance to the scientific disciplinary sector of the research project	max 25 points
Other post-lauream Degrees	Relevance to the scientific disciplinary sector	max 5 points
Other qualifications	Contracts, scholarships, enrollment in PhD degrees, periods spent abroad, etc., if any	max 15 points
TOTAL		**max 100 points**

A candidate is eligible if s/he scores at least 70/100.
At the end of the evaluations the examining board will draw up a report, including the evaluation criteria, the total mark obtained by each candidate and a classification list of the eligible candidates. The acts of the selection procedure and the ranking are approved by Directorial Decree.
The first eligible candidate will undertake a research contract with SISSA in accordance with the Italian Law No. 240/10, Art. 22, in its former version prior to Law No. 79 of 29 June 2002;
Being in the ranking does not give any right in other selection procedures.

Art.7 **Under penalty of exclusion, the application** for this selection procedure, along with the relevant qualifications held and relevant scientific publications, **shall be submitted online through the electronic application accessible at the following address:** https://pica.cineca.it/sissa/ar-fm-mate-77-2024.
A valid email address is required for the registration process.
Applicants shall upload all personal and professional data as requested by the application procedure; all documents must be uploaded in .pdf format. Each applicant can produce a maximum of no. 30 publications and a maximum of no. 30 other titles and qualifications.
All fields in the online application form must be filled out. Under penalty of exclusion, the application must contain:

- a curriculum vitae with a complete list of the candidate's scientific and professional activities;

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- a valid ID of the candidate, to be uploaded in electronic format.

Candidates accessing the PICA platform using their digital identity (SPID – Public Digital Identity System) will not be required to upload a scan of their personal ID, nor to sign and upload their application.
Failure to comply with the online application procedure will result in the exclusion of the applicant from the selection.
Prior to final submission, and within the given deadline for applications submission, the online application procedure allows to modify and save the inserted information in a draft copy. Confirmation of final submission date will be certified by an automatic notification email. Submissions after the given deadline will not be accepted by the system, as the online application procedure won't be accessible.

The online application and submission procedure shall be completed by 20 January 2025, 11:59 p.m. CET (Rome time).

The submission of the online application must be completed and finalized:

- **with the digital signature of the candidate**, by means of smart card, USB token or remote digital signature allowing the applicant to digitally sign electronic documents with a software using a PC or a web portal for Remote Signature, provided by a Certification Service Provider (CSP). Candidates with a smart card or a USB token for digital signature should check the compatibility with the Digital Signature system embedded in our server. In case of compatibility, candidates shall sign the application on the server (e.g. ConFirma);
- **holders of server-incompatible Digital Signature and holders of Remote Digital Signature** who can access a web portal for digitally signing electronic documents shall save the .pdf file generated by the system on their PC. The .pdf file shall not be modified in any way, and it shall be digitally signed in CAdES format: the system will generate a file with .p7m extension. The candidate shall upload the .p7m file on the system. No changes are to be made to the file by the candidates before the Digital Signature, on pain of exclusion from the selection procedure;
- **in case the two above-mentioned options do not apply**, candidates shall save the .pdf file generated by the system on their PC. The .pdf file shall not be modified in any way, on pain of exclusion from the selection procedure. The .pdf shall be printed out, signed on the last page, scanned in .pdf format and uploaded on the system.

For any technical issue regarding the application, candidates may contact the technical support through the link at the bottom of the page: https://pica.cineca.it/sissa (“supporto”).

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The University will verify that all the statements made in the application and accompanying documentation comply with the provisions of Presidential Decree No. 445/2000.

Art.8 After a budget verification has been carried out, the selected candidate will be formally notified of the award of the research fellowship.
Within 30 days from the start of the research activity at SISSA, Italian and EU candidates and non-EU citizens resident in Italy will have to submit a valid ID and fill out the following documents:
1) affidavit attesting birth, citizenship, place of residence and Italian tax code of the applicant;
2) affidavit attesting the possession of a University Degree and a PhD (only if required by the announcement);
Non-EU citizens authorized to sojourn in Italy owing to conventions between Italy and their own country have to submit the same above-mentioned documents.
Non-EU citizens regularly sojourning in Italy may submit an affidavit according to articles 46 and 47 of Presidential Decree No. 445/2000 exclusively for personal data and events which can be certified and attested by public Italian authorities.
In any other case, the information requested in points 1) and 2) of this article must be notified by means of an affidavit and plain copies of the relevant documents within 30 days from the beginning of the research activity at SISSA. However, within 60 days from the beginning of their research activity winners have to submit certificates and declarations issued by the foreign competent authorities, accompanied by an Italian translation authenticated by the Italian Consulate abroad. The School reserves the right to verify all affidavits.
Should the winner refuse the position, not accept it or fail to submit the above-mentioned documents on time, the research fellowship may be offered to the next eligible candidate in the classification list, following the authorization granted by the Director, at the express request of the Area Coordinator or the scientist responsible for the research activity.
The starting date of the fellowship shall be agreed with the Area Coordinator or with the scientist responsible for the research project.
SISSA shall reserve the right not to activate the fellowship if the external funding becomes unavailable.

Art.9 Fellowship holders undertake to carry out the research activity as foreseen in the contract and in accordance with the research program of the Area.
The research activity is carried out in the frame of the research project for which the applicant has been selected. Every year fellowship holders must

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submit a report to the Area Council on the activity carried out in the previous year. In case of major non-compliance the contract can be terminated by decision of the School Senate and upon a reasoned proposal of the Area Council, having heard the researcher concerned.
The contract is automatically resolved in the following cases:
- unjustified delay or failure to start the research activity;
- unjustified suspension of the activity for more than 15 days;
- breach of the incompatibilities established by the current Rules for the awarding of research fellowship in SISSA;
- negative evaluation of the research activity expressed by the Area Council.

An authorized absence of up to 30 days a year does not require the fellowship to be suspended or the absence to be made up at a later date.
Fellowship holders wishing to resign must give a notice of at least 30 days, in which case no penalty shall be applied by SISSA. Failure to do so shall result in a penalty involving the recovery or the failure to pay the salary for the period of notice not given. The 30 days' notice shall not be applied during the first 30 days of research activity.
SISSA shall reserve the right to terminate the contract if the external funding becomes unavailable. In this case SISSA shall give the fellowship holder at least a 60 days' notice. Failure to do so shall result in the payment to the research fellowship holder of an amount equal to the period of notice not given.

Art.10 The total duration of the research fellowship including the renewals must not exceed 6 years with the same researcher. To this end, the time in which the candidate was holder of a research fellowship and enrolled in PhD courses (without scholarship) is not taken into account for a period not exceeding the legal duration of the PhD program.
In accordance with the Italian Law No. 240/10, in its former version prior to Law No. 79 of 29 June 2002, candidates cannot be awarded research fellowships or temporary researcher contracts with public, private or online universities, nor with other institutions as specified by art. 1 of Law No. 240/10 for a period exceeding 12 years, whether consecutive or not. To this end, the periods of absence due to maternity leave or state of illness are not taken into account.
The renewal of the research fellowship is decided by the School Academic Senate and, as for the financial coverage, by the Board of Directors, on the basis of an evaluation of the research activity carried out by the fellowship holder and the state of the art of the research program, upon request of the scientist responsible for the research activity.

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Art.11 All matters regarding data processing and protection are in accordance with the Italian Legislative Decree No. 196/2003 dated. 30.06.2003, as amended by Legislative Decree No. 101 dated 10.08.2018, that transposes Regulation (EU) 2016/679 (GDPR). All the data provided to this administration will be processed for the sole purposes connected with and instrumental to the selection procedure and the eventual drawing up and management of the contract.

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

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ANNEX 1

MATHEMATICS AREA
Public selection based on qualifications

Fields of the research activity: **"Complex algebraic and differential geometry"**

Scientist responsible for the research activity: Prof. Jacopo Stoppa
Members of the research group: Prof. Jacopo Stoppa

Area 01 – Mathematics and Computer Science
Public selection sector: 01/MATH-02 - Algebra and Geometry
Relevant academic scientific sector: MATH-02/B - Geometry

Duration of the research fellowship: 12 months
Gross remuneration per year: € 24,336.00

Minimum requirements for admission to the selection procedure:
University degree: Master of Science in Mathematics or related subjects.

A PhD degree in Mathematics or related subjects is a preferred qualification.

Proven experience: Research activities in complex algebraic and differential geometry.

The online application and submission procedure shall be completed by 20 January 2025, 11:59 p.m. CEST (Rome time).

Evaluation criteria:
Research project: up to 40 points
PhD degree: up to 10 points
MSc degree: up to 5 points
Published works and other research products: up to 25 points
Further post-lauream diplomas: up to 5 points
Other titles: up to 15 points

Candidates scoring at least 70/100 for their qualifications will be eligible for the research fellowship.

The gross total cost of the research fellowship will be funded by School funds assigned to the Mathematics Area for the first nine months, and by the project R_ALTRO_PI_ERC_MATE_Stoppa_0373 - prof. Stoppa for the remaining three months.

Given the resolutions of the Academic Senate and the Board of Directors of SISSA dated 20 and 27 February 2024 respectively, EU and non-EU foreign research fellows are entitled to a reimbursement of the costs incurred for their Italian health

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insurance up to a maximum of € 2,000.00. A reimbursement is also foreseen for a medical travel insurance covering the trip to Trieste at the start of the contract.

Position approved by:
Academic Senate of the School on 10.12.2024
Board of Directors of the School on 12.12.2024

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