SISSA

Scuola Internazionale Superiore di Studi Avanzati

SISSA Mathematical Fellowships

TRANSLATION OF ANNOUNCEMENT FOR N. 2 RESEARCH POSITIONS

N. 128/2020 dated 10.12.2020

INTRODUCTION

SISSA Mathematical Fellowships are aimed to supporting a prestigious postdoc research program partly funded by the Italian Ministry of Education, University and Research (MIUR). SISSA will identify, recruit and support the most talented and promising young researchers who demonstrated the ability to carry out autonomous research. The SISSA Mathematical Fellows will be recruited through a public selection procedure based on qualifications. During the three-year-contract in SISSA they will be granted total independence in the choice of their research topic and in their project management.

ANNOUNCEMENT

We hereby announce a public selection procedure to assign no. 2 research fellowships in accordance with art. 22 of Law 240 dated 30.12.2010. The call is open to researchers working in all areas of mathematics, (as defined by the MIUR scientific Area 01 - Mathematics and Computer science) who have already showed research independence and potential to research leadership.
The annual gross amount of the research fellowship is € 36.636,00. The selected researcher will be also granted a total of € 9.000,00 to be managed autonomously for research activities for the full length of the contract.
The project is expected to last 36 months.
Requisites for the admission to the selection procedure are:

- University degree in Mathematics, Physics or other scientific disciplines;
- Proven experience in Mathematical research;

The successful candidates will be assigned an office and access to all the School's facilities.
Further information on the research activities of SISSA can be found at the following link: http://www.sissa.it/research; http://www.math.sissa.it/.
For any other information, candidates may visit the website http://math.sissa.it/content/sissa-mathematical-fellowships.

APPLICATIONS

Candidates should submit the application, along with qualifications, documents and publications useful for the selection, through the online procedure at the following website:
https://pica.cineca.it/sissa/ar-dip-ecc-mate-60-2020.

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The online application procedure will mandatorily require an email address to register in the system. Such email address will be use for every communication with the administrative staff of the School.
Applicants shall upload all personal and professional data as requested by the application procedure; all documents must be uploaded in the form of pdf files.

All fields in the online application form must be filled out and it must mandatorily include:

1) a research project structured as follows:
   - 10line abstract specifying the scientific sector of interest within the Mathematics Area (Mathematical analysis, Numerical analysis, Mathematical physics, Geometry or other)
   - Project outline and description (max 2 pages)
   - Bibliography
   - PhD degree certificate is not mandatory upon submission of the application but candidates must earn it prior to the contract start. Candidates who earn their degree between the application and the start of the contract are admissible.
2) the candidate curriculum vitae including the complete list of his/her scientific and professional activities and the complete list of publications;
3) a scan of a valid ID of the candidate;
4) candidate should send two reference letters following to the rules in paragraph “Reference letters instructions”.

No form of submission other than the aforementioned online procedure will be considered by the selected committee.
Prior to final submission, and within the deadline time, the online application procedure allows to modify and save the inserted information in a draft copy.
At the moment of finalizing the submission the system will send an automatic email notification to confirm the success of the application.
Submissions past the given deadline will not be accepted by the system as the online application procedure won't be accessible.
A registration number will be assigned to each application. Such registration number must be included in all further communication with the administrative staff, along with the code of the identification code of research grant competition of interest.
The online application and submission procedure shall be completed **by January 11th 2021 not later than 01:00 p.m.(Rome time).**

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

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- **with the digital signature of the candidate**, by means of smart card, USB token or remote digital signature, for digitally signing 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 an 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 (i.e. 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 competition;
- **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 competition. The .pdf shall be printed out, signed on the last page, scanned in .pdf format and uploaded on the system.

For any technical problem regarding the application candidate should contact the address sissa@cineca.it
The University will verify that all the statements made in the application and accompanying documentation comply with the provisions of Presidential Decree n. 445/2000.

REFERENCE LETTERS - INSTRUCTION

The candidate could arrange to have 2 reference letters, to be sent directly by their academic referees until **January 15th 2021 not later than 01:00 p.m**.
If candidate has not earned the PhD degree yet, one of the two reference letters shall be sent by the advisor of PhD dissertation and shall include the topics of the thesis itself.
At the link https://www.sissa.it/post-doc-applicant-registration/21816 the candidate shall indicate the referees' e-mail address and the system will automatically send an e-mail request for reference letter, with the details of applicant and of post-doc announcement.
In the above mentioned e-mail, the referee will have the link to relevant web page and upload the reference letter, before the deadline. Otherwise, the referee could write directly the reference in the text field at the same web page.

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The uploaded letter or text will be automatically associated to the candidate. Submissions after the given deadlines will not be accepted by the system as the online application procedure will not be accessible.
For any technical problem please write to assegniricerca@sissa.it.

SELECTION PROCEDURE

The Selection Committee will evaluate the research proposals joined, if necessary, by external referees.
According to standards recognized at an international level, the Committee will determine the evaluation criteria, in terms of parameters of relevance, significance and quality of:

- documented research activity (publications, dissertations reports, etc.)
- education (University degree, PhD degree, other qualifications)
- other titles, awards or achievements

Additional evaluation criteria will be:

- relevance, originality and methodological innovation of the scientific and technological content of the research project submitted.

In case of ex-equo, preference will be given to:

- women
- youngest candidates

Candidates are subjected to Italian law and to SISSA's regulations as specified in Annex 1.
The contribution of funds is subsequent to the signing of the contract which does not give employment status and does not give any right to be employed by universities.
All matters regarding data processing and protection are in accordance with Law 196/2003 D.Lgs. 30.06.2003, n. 196 as amended by Legislative Decree 10.08.2018, n. 101 that transposes the Regulation (EU) 2016/679 (c.d. 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 contact.
For more information please contact assegniricerca@sissa.it

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Annex 1

GENERAL RULES AND REQUISITES

Eligible candidates must be in possession of a scientific-professional CV which enables them to carry out research activity and meet the further requirements specified in the announcement.

Personnel with permanent positions in Italian universities, public research and experimentation institutions, ENEA, ASI or institutions which award scientific degrees equivalent to PhD, in accordance with art. 74, par. 4 of DPR 382 dated 11.07.80, are excluded from applying.

In accordance with art. 18 of law 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.

FISCAL AND SOCIAL SECURITY TREATMENT, INSURANCE COVERAGE

The amount of the research fellowship is gross per year and includes contributions to be paid by the researcher. The fellowship is paid monthly. The fiscal and social security treatment of the research fellowship is in accordance with art. 4 of Italian law n. 476 dated 13.08.84 and subsequent integrations and modifications, and par. 26 and followings of art. 2, Italian law n. 335 dated 08.08.95 and subsequent integrations and modifications.

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

INCOMPATIBILITIES

The fellowships cannot be held contemporarily 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, the fellowship holders are authorized to carry out professional activity as long as the activity is compatible with the research position, does not represent a conflict of interest and is not prejudicial to the School. Fellowship holders willing to carry out external activity in a continuous way shall present a specific request, which will be evaluated by the relevant Area Council and successively submitted to the Academic Senate of the School for approval.

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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 (in accordance with art. 66 of the Italian D.P.R. 382/80) and benefit from the financial proceeds deriving from such activities, 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 period of the fellowship.

FURTHER GENERAL RULES
The evaluation of the research project and of the qualifications, subject to the preceding choice of the criteria, shall be carried out by the examining board according to the following table:

Qualification	Evaluation criteria	Score
Research project	Relevance, pertinence, quality	max 40 marks
PhD	Relevance to the project	max 6 marks
University Degree	Type of degree listed in the announcement - according to the degree mark	max 4 marks
Published works and other research products	Relevance to the scientific disciplinary sector of the research project	max 30 marks
Other post-lauream Degrees	Relevance to the scientific disciplinary sector	max 0 marks
Research project and other qualifications	Eventual contracts, scholarships, enrollment in PhD degrees, periods spent abroad, reference letters etc.	max 20 marks
TOTAL		**max 100 marks**

A candidate is declared eligible after receiving an evaluation of minimum 70/100.
All procedures regarding the evaluation of candidates can be carried out telematically by the Evaluation Committee.
The Committee will then write a final report which will include the criteria adopted, the total score of each candidate and a merit ranking.
The merit ranking is approved by means of the Director's decree.

In order to verify the equivalence of one's title with respect to those required in the aforementioned attachment 1, reference should be made to the equivalences

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that can be consulted on MIUR's website (https://www.istruzione.it/archivio/web/universita/equipollenze-titoli.html).
Foreign academic qualifications should be officially recognized equivalent to an Italian degree pursuant to the Laws currently in force.
In case the foreign degree, does not have such official equivalence, the evaluation committee will assess its equivalence only for the purposes of this procedure.
The candidate with the highest score will be invited to stipulate with SISSA a contract in accordance with art. 22 of law 240/2010.
The merit ranking applies only to the present procedure and cannot be used in other evaluation procedures.
Within the 30 days following the beginning of the research activity, Italian citizens, EU citizens or non-EU citizens residing in Italy will be invited to fill in, prior to identification with a valid id document, to fill in the following:

1. Self- certification regarding birth, citizenship, residence and Italian fiscal code;
2. Self-certification regarding the University degree and obtainment of the PhD degree.

Non-EU foreign citizens in possession of a valid residence permit, can self-certify the above only in presence of specific international agreements between their country and Italy.
Non-EU citizens regularly sojourning in Italy may submit a self-certification according to articles 46 and 47 of the D.P.R. 445/2000 exclusively for personal qualities and events which can be certified and attested by public Italian authorities.
In all other cases, the details listed in points 1), 2) of this article must be documented with a self-certification submitted within 30 days from the beginning of the research activity at SISSA.
Moreover within 60 days from the beginning of their research activity winners have to submit the requested certificates, degrees issued by the foreign competent authorities with a translation in Italian authenticated by the Italian Consulate abroad.
The School reserves the right to verify all self-certifications submitted.
In case of non-acceptance of the position or failure to submit the requested documents, the research fellowship can be awarded to the following candidate in the merit ranking, prior authorization of the Director after the explicit request of the referent of the position or Area coordinator.
The starting date of the contract will be decided by the Area coordinator or by the referent of the research position.
The 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 the fellowship holders must present a report on the activity carried out in the previous year to the Area Council. In major

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case of non-compliance the contract can be terminated, by decision of the School Senate and on proposal of the Area Council, heard the counterpart.
The contract is automatically resolved in the following cases:
- lack or unjustified delay in the starting of 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 recuperated at a later date.
At least 30 days' notice must be given by the fellowship holders in case of resignation, 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 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.

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 law 240/10, candidates cannot be awarded research fellowship or temporary researcher contracts with public, private or telematic universities, nor with other institutions as specified by art. 1 of law 240/10 for a period exceeding 12 years, even if not continuously. To this end, the periods of absence due to maternity leave or state of illness are not taken into account.

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