



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI

TRANSLATION OF ANNOUNCEMENT FOR 1 RESEARCH POSITION (Decree n.441 dated 31.08.2012)

Art. 1

A public selection, based on the evaluation of project proposals and academic qualifications, is hereby announced for 1 research position in the **Scientific Area specified in Annex 1** at the International School for Advanced Studies (SISSA) in Trieste as specified in the following list. Admission requirements, the required experiences are specified in the over mentioned Annex 1.

Art. 2

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 the Annex 1. Personnel with permanent positions in Italian Universities, Astronomical and Astrophysical Observatories and Public Research Institutions (in accordance to the Italian law DPCM of 30.12.93, art. 8), E.N.E.A. and A.S.I., or in Institutions which confer scientific degrees considered equivalent to PhD (in accordance to the Italian law DPR no. 382/80, art.74) are excluded from applying.

In accordance to the Italian law 240/10, art.18 candidates having a family relationship or other degree of kinship with the following persons are also excluded from applying:

- SISSA Professors belonging to the Areas which are offering the position
- Director of SISSA;
- Secretary General of SISSA
- Members of the Council of Administration of SISSA (see Annex A)

The research fellowship is awarded through a private contract which does not give any right regarding access for employment in the Universities.

Art. 3

The research fellowship is worth Euro 23.760,00 gross per year and includes contributions to be paid by the contractor. The fellowship is paid monthly. The fiscal and social security treatment of the research fellowship is in accordance with Italian law no. 476/84, art.4 and Italian law no. 335/95, art.2, par. 26 and followings. The School provides accident and third-party insurance that covers the research fellow while carrying out research for the School. The insurance premium is deducted from the fellowship.

Art. 4

The fellowships cannot be held contemporaneously with other fellowships of whatever kind, except those awarded by Italian or foreign Institutes with the aim of integrating the training or research activity of the fellowship holders through a period abroad. The Academic Senate of the School can authorize fellowship holders to carry out other professional activities if they are compatible with the research position, are not in conflict of interest with the same position and are not prejudicial to the School. Fellowship holders willing to carry out external activity in a continuous way, if compatible with their research assignments, and following a written approval by the scientist responsible for the research project, can participate in research assignments commissioned by SISSA for third parties (in accordance with the art. 66 of the Italian D.P.R. 382/80) and in the division of the earnings coming from this activity, in accordance with the regulations. Fellowship holders can not be enrolled in University Degree courses, PhD courses with fellowship or medical school of specialization in Italy or in a foreign country. The research fellowship holder, who is a State employee, must be given unpaid leave for the period of the fellowship.



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Art. 5

The academic requirements for admission to the competitive selection mentioned above on art. 1 are specified in the annex 1. The selection is based on the evaluation carried out on the project proposal submitted to the examining board, as well as on academic qualifications and publications of the applicant. Before the beginning of the evaluations the examining board will define the evaluation criteria for academic qualifications and publications. The academic qualifications evaluation criteria, which can be specified by the examining board coherently to international parameters, will value the relevance, the importance and the quality of:

- research project submitted by the candidate;
- proven research activity;
- academic titles (University Degree, PhD, specialization degrees or other certificates of attendance regarding post-degree specialization courses in Italy or in foreign countries frequency);
- other qualifications.

The academic qualifications must be relevant with the positions offered or with similar research field and must be in possession of the applicants at the expiry date of the public announcement.

Art. 6

The examining board is nominated by the Director of SISSA, according to the proposal of the concerned Area Council. It is composed of at least three members representative for the Scientific Area.

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 of those considered eligible relevant to each scientific field of interest (*Settore Concorsuale*).

The procedure results and the final classification will be approved by Director Decree. The eligible candidate will undertake a research contract with SISSA in accordance with Italian Law no. 240/10, art. 22.

The classification will not give any rights to further procedures.

Art. 7

Applications, which must be consistent with the attached form ("application"), have to be addressed to the Director of SISSA and **must reach the School**, via Bonomea, 265, 34136- Trieste, **no later than October 31, 2012, 1:00 p.m.**

The application form with the original signature must be sent:

1. by postal mail;
2. by fax (no. 0403787240/0403787249) if accompanied by a copy of a legible and valid identity document or
3. by delivery to Human Resources Office (Sissa, Via Bonomea 265 – Trieste, rooms 203-204, second floor). from 8:30 a.m. to 2:30 p.m., except the date of expiration: 1.00 p.m.)

Applications sent by electronic mail will not be accepted.

In their applications candidates will have to indicate:

- a) their full particulars, date and place of birth, home address, the address where they wish to receive communications regarding their application, the e-mail address and a telephone number. Changes in this information should be rapidly communicated to the Direction of the School;
- b) the specific position to which the applicant wishes to submit a research project proposal. Those who wish to apply for more than one position will have to submit a specific application for each one accompanied by relevant academic qualifications and publications. No reference to academic qualifications or publications submitted in other applications is admitted.
- c) the University Degree obtained, indicating the date it was awarded, the mark obtained and the University which awarded it, the title of the degree thesis and the name of the supervisor;



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- d) the title of the PhD Degree obtained, indicating the date it was awarded, the University which awarded it, the title of the PhD Degree thesis and the name of the supervisor;
- e) any other academic qualifications which prove their scientific curriculum.
- f) the complete list of the academic qualifications and publications to be submitted to the examining board. This list must be prepared in accordance with international formats and must specify all the authors. Copy of the academic qualifications (e.g. University Degree) and publications have to be included with the application or in alternative, sent in pdf to the following e-mail address: assegni.ricerca@sissa.it.

The candidate must include a short research project to the application form that he undertakes to carry on in case he is awarded the fellowship.

Please note that the application can be sent only as specified in point 1, 2 and 3 of this article. The SISSA Administration does not assume any responsibility for any missing, late or incomplete transmission of documentation connected to the selection process due to postal, telegraphic or computer problems for which SISSA is not at fault.

The SISSA Administration does not assume any responsibility for the loss of correspondence due to an incorrect address indicated by the candidate or due to a late, or lack of communication of address change in the application; mistakes by third parties in delivering correspondence by post or telegramme, fortuitous events or reasons of force majeure.

Within three months of the examination, candidates must meet the expenses of the documents retrieved and of the publications submitted. After this period SISSA cannot be held responsible in any way for these documents and publications.

Art. 8

After a budget verification has been carried out, the suitable candidate will receive notification of the award of the research contract. Within 30 days from the beginning of the research activity at SISSA, Italian and European Community citizens or non-European Community citizens resident in Italy will have to send to the Direction of SISSA the following documents:

- 1) personal declaration of birth, citizenship and residence or presentation of a valid identity document; non-European Community citizens have to show their passport;
- 2) personal declaration and copy of documents attesting: the possession of a PhD Degree or the completion of a three-year PhD course or the possession of a University Degree including the mark obtained and the date in which the degree was awarded or the possession of an equivalent academic qualification;
- 3) copy of the fiscal code issued in Italy;

Non-European Community citizens authorized to sojourn in Italy in accordance with the conventions between Italy and their own country have to send the same above-mentioned documents.

Non-European Community citizens regularly sojourning in Italy can use a substitute declaration exclusively for personal details certified and attested by public Italian bodies in accordance to the Italian law 445/2000.

In any other case the above-stated information has to be documented by a personal declaration and by relative photocopies within 30 days from the beginning of the research activity at SISSA. Within 60 days from the beginning of their research activity winners have to produce a declaration concerning the information requested in points a), c) e d) 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 personal declarations.

Should a letter of acceptance not be received, or the above documents not be presented in time or a candidate refuse the position, the research fellowship will be offered to the next candidate eligible in the classification list, through authorization by the Director, at the express request of the responsible scientist or the Area's coordinator. The starting date of the fellowship shall be agreed with the scientist responsible for the research fellowship.



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Art. 9

The contract holders undertake to carry out 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 of the activity carried out in the previous year to the Area Council. In major case of non-compliance the contract can be terminated, by decision of the Academic Senate and on proposal of the Area Council, heard the counterpart.

The contract is automatically cancelled 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;
- serious violation of the incompatibilities established for the award of the research fellowship
- 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 of advanced notice must be given in case of resignation, in which case no penalty will be applied.

Art. 10

A person may not hold a research fellowship, including possible renewals, for more than 4 years. The period in which the person has been enrolled in PhD courses (without a grant) is not taken into account. In accordance with Italian Law no. 240/10 a person cannot be awarded a research fellowship or temporary researcher contract with SISSA or other universities, public, private or telematic nor with other person as specified by art. 1 of the Italian law no. 240/10 for a period exceeding 12 years. To this end the periods of absence due to maternity leave or state of illness are not taken into account.

The research contract renewal is decided by the Academic Senate and, as for the financial coverage, by the Council of Administration, on the basis of the evaluation of the research activity carried out by the contract holder, the state of the art of the research programme, following request of the scientist responsible for the research activity.

Art. 11

SISSA, in accordance with the Italian D.Lgs. 30.06.2003 n.196, undertakes to respect the privacy of all personal data provided by the candidates: all data will be used only for the purposes of the selection and for the drawing up of the relevant contract.

Trieste, 31st August 2012



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Annex 1

Position 1 – **Area: Physics**

Area: 02 Physical sciences

Scientific Area: 02/B2 Condensed Matter Theory

Focus of the research activity: Theory of Kondo Effects in Nanocontacts from First Principles

Principal Investigator: prof. Erio Tosatti

Members of the research group: prof. Erio Tosatti, prof. Michele Fabrizio, dr. Ryan T. Requist, dr. Pier Paolo Baruselli

Mandatory requirements for the admission to the competitive selection:

- University Degree in Physics or equivalent;
- Proven research experience in many body condensed matter theory (better if including Kondo effects, quantum transport, nanosystems);
- Two or more scientific reference letters sent by known senior scientists to assegni.ricerca@sissa.it

PhD in Physics or equivalent is not mandatory but will be considered an important asset.

Additional requirements: curiosity and originality besides competence.

Duration of the research fellowship: 12 months, renewable for further twelve months

Annual gross employee: € 23.760,00;

Financing by SISSA's funds

Approved by:

Council of Condensed Matter Theory Sector on 16.02.2012

SISSA Senate on 20.09.11

SISSA Administration Council on 27.09.11