



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore

ANNOUNCEMENT OF TWO POST-DOCTORAL RESEARCH POSITIONS
(Italian law no. 398 dated 30/11/1989)

The International School for Advanced Studies (SISSA) in Trieste is offering **2 two-year post-doctoral fellowships** in the **Mathematical Physics Sector** of the School in the following research fields:

- *Nonlinear waves and Frobenius manifolds*
- *Noncommutative geometry and applications in mathematical physics*

The yearly gross amount of the fellowships will be either € 18,000.00 (junior level) or € 21,600.00 (senior level), depending on the experience and scientific qualifications of the selected candidates. The level of the fellowships will be decided by the selection committee and this decision will be final.

In order to be considered by the Selection Committee candidates must possess the following:

- A Ph.D degree or equivalent academic qualification awarded by an Italian university ("Dottore di Ricerca") or by a foreign university. Candidates who are not already in possession of a PhD degree or equivalent academic qualification may also be considered if they declare that they will be awarded this degree before the starting date of the fellowship.
- Candidates should not be over 37 years of age on the date of the deadline for applying.
- Candidates should not have already held a fellowship of this kind (i.e. awarded in accordance with Italian Law no. 398 dated 30/11/1989) from another Italian university or institute.
- Candidates should not have a personal gross annual income of more than Euro 7.746,86 per year - unless this amount is increased by a subsequent change in the law.

Applications, which should be made using the form attached to the present announcement, and addressed to the Director, International School for Advanced Studies, Via Beirut 2-4, 34014 Trieste, Italy - Scientific Secretariat - should reach the School by **12.00 P.M. on April, 6, 2009**, together with the following documentation:

- a) Curriculum vitae indicating the date - or foreseen date - of obtaining the Ph.D. degree or equivalent qualification;
- b) List of publications;



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore

c) Proposed research programme.

Candidates should arrange for 2 letters of reference to reach the School by the same date.

The application form with the original signature must be sent either by post or by fax if accompanied by a copy of a legible valid document of identification. However, the other documents requested (CV, list of publications, research programme and letters of reference) can be sent separately by e-mail to the address postdoc@sissa.it in a pdf format. It is not possible to submit the complete application by electronic mail.

The selection will be based on academic qualifications. The Selection Committee will make a preliminary judgement regarding the candidate's scientific production with particular reference to the research project indicated in the announcement and the relevance of the candidate's proposed research programme to this project. The Committee's decision is final.

The classification list drawn up by the Committee will remain valid until 30 October 2009 and before that date candidates may be offered positions following refusals by those higher in the list.

Those who are selected for a post-doctoral fellowship will receive written notification by letter, fax or e-mail. Candidates should inform the School within 20 days of receipt of the above-mentioned communication if they intend to accept the position offered.

The fellowship must be started by 30 October 2009.

Within 15 days of taking up the position, candidates must present the following documents:

- a) personal declaration of birth, citizenship and residence or presentation of a valid document of identification;
- b) personal declaration attesting the possession of a PhD degree (or equivalent) obtained in Italy or abroad or the presentation of the original certificate (or certified copy). Certificates presented in English, French, German and Spanish will be accepted.
- c) photocopy of Italian fiscal code;

Non European Community citizens for whom personal declarations are not legally valid in Italy, should present an official legalized translation in Italian, English, French,



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore

German and Spanish within 15 days of taking up their position, of all the documents issued in their country of origin.

The Administration reserves the right to certify the veracity of the personal declarations.

The fellowships cannot be held contemporarily 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 candidate through a period spent abroad. The fellowships do not include pension payments, and cannot be taken into formal account for the purpose of future employment in Italy. The School reserves the right to take out accident insurance policy on behalf of the post-doctoral fellow and to deduct the annual premium from the fellowship.

Fellows are not allowed to carry out teaching duties and are expected to fulfill their research obligations as agreed with the Sector; failure to do so will result in the withdrawal of the fellowship.

The fellowships have a maximum duration of two years and are subject to confirmation at the end of the first year, when the fellows must present a report to the Head of the Sector on the research they have carried out. The Sector Council, taking into account the proposal of the Head of the Sector, will decide on the confirmation for the second year of the fellowship.

The Head of Sector, or in his absence, the professor responsible for the research, will confirm that the fellow has regularly taken up the position. Fellowships are paid at the end of each month.

In accordance with Italian Decree 196/2003, SISSA 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 awarding the fellowship.

For any further information contact the Scientific Secretariat of the School at postdoc@sissa.it.

THE DIRECTOR
(Prof. Stefano Fantoni)

Trieste, 6 March 2009



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore

The Director
SISSA
Via Beirut 2-4
34014 Trieste
Italy

Subject: APPLICATION FOR POST-DOCTORAL FELLOWSHIP

The undersigned (surname and name)
born in (town).....(country)
on (date) Resident in (town).....
(country)..... (street and number)
(post code).....

HEREBY APPLIES

for a post-doctoral fellowship in the **Mathematical Physics Sector** of SISSA in the following research field:

- Nonlinear waves and Frobenius manifolds*
- Noncommutative geometry and applications in mathematical physics*

I hereby declare under my own responsibility:

- To be acitizen
- To hold a Ph.D. degree or equivalent academic qualification in
obtained from (University) on
(date).....;

Or for those who are waiting to receive their PhD degree or equivalent academic qualification



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore

• to be in the process of writing their PhD thesis (entitled).....

.....
.....

and that they will be awarded the degree from the University of

.....

.....before the starting date of the fellowship as indicated in the announcement.

- Not to have previously held a post-doctoral fellowship given under Italian law no. 398 dated 30.11.1989 and to be aware of the fact that this fellowship cannot be held contemporarily with any other kind of fellowship, except for those awarded by Italian or foreign institutes with the aim of integrating the training or research activity of the candidate through a period spent abroad;
- To be aware of the fact that the personal gross annual income received during the calendar year in which the major part of the fellowship is received cannot exceed Euro 7,746.86;
- To undertake to inform the School as soon as possible of any change in address;
- To be aware of all of the rules contained in the announcement.

I, the undersigned, hereby enclose with this application:

- A curriculum vitae;
- List of publications;
- Research programme;
- (n.).....reference letters;
- Other documents which might be useful in judging my application.

Date

(Signature of the applicant)



SCUOLA INTERNAZIONALE SUPERIORE DI STUDI AVANZATI - INTERNATIONAL SCHOOL FOR ADVANCED STUDIES

Via Beirut n.2-4, 34014 Trieste (Italy) tel.: 04037871 - telefax: 0403787249

Codice fiscale: 80035060328

Il Direttore