



The Abdus Salam
**International Centre
for Theoretical Physics**



Joint International ICTP/SISSA Ph.D (JIISP) Programme in Physics and Mathematics Academic Year 2013/2014

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the International School for Advanced Studies (SISSA) offer the opportunity for carrying out Ph.D. studies in the following fields:

Ph.D. course	Available Fellowships
Mathematical Analysis, Modelling and Applications Geometry Mathematical Physics	2
Astroparticle Physics Astrophysics	1
Physics and Chemistry of Biological Systems	1
Statistical Physics	1
Theory and Numerical Simulation of the Condensed Matter	1
Theoretical Particle Physics	1

Applicants interested in participating in this selection must hold an "ICTP Diploma in Condensed Matter Physics, High Energy Physics or Mathematics" or be enrolled in the last year of the above programmes.

All the admitted candidates must hold the "ICTP Diploma" by the date of the beginning of the courses (1 October 2013 for Mathematical Analysis, Modelling and Applications; Astroparticle Physics; Geometry; Mathematical Physics and Theoretical Particle Physics. 4 November 2013 for all other courses).

Admitted candidates will have to pass a qualifying examination within the first year of study.

At the end of the three-year Ph.D. course, successful students will be awarded a SISSA Ph.D. degree and issued with a certificate stating that they participated in the Joint International ICTP/SISSA programme (JIISP Certificate).

Fellowship and other benefits

Admitted candidates will be awarded a fellowship of the amount of € 15.010,32 gross per year for the entire duration of the course (3 years extendable to a fourth, subject to availability of funds and approval by ICTP/SISSA Governing bodies).

A contribution towards living expenses of the amount of €100,00 gross per month will be awarded to those who will provide a copy of their rental contract.

A contribution towards the expenses associated with enrolment in the health insurance system of up to € 198,77 per year.

A contribution (70% of the amount of the fellowship for up to 5 months) may be awarded to students who are forced to suspend their activity due to illness, maternity or other serious reasons.

Selection

Candidates will be shortlisted on the basis of their academic and scientific qualifications as well as on letters of reference. Results will be announced by email immediately after the deadline.

Shortlisted candidates will be then admitted to an interview (see dates below).

A minimum mark of 7/10 (seven out of ten) must be obtained in the interview to be considered eligible in the Ph.D programmes.

Application

The enclosed application form must be filled in and sent, together with the following documents:

- curriculum vitae et studiorum;
- a certificate of examinations (with marks) taken in the "ICTP Diploma Programme";
- a final "ICTP Degree" (if already obtained);
- a copy of the diploma thesis or draft (if any);
- at least 2 letters of reference (recommendation letters);
- any further information which the candidate may consider useful.

Ph.D. course	Application Deadline	Date of the Interview
Mathematical Analysis, Modelling and Applications Geometry Mathematical Physics	15 March 2013	18 April 2013
Astroparticle Physics Astrophysics	10 May 2013	13 May 2013
Physics and Chemistry of Biological Systems	28 Feb. 2013	11 March 2013
Statistical Physics	17 May 2013	25 May 2013
Theoretical Particle Physics	10 May 2013	13 May 2013
Theory and Numerical Simulation of the Condensed Matter	28 Feb. 2013	8 March 2013

Applications must reach SISSA by 12.00 hrs. by fax, post or delivered by hand at the following address:

**SISSA - JIISP Programme
Via Bonomea 265
34136 Trieste
Italy**

Fax : +39-040-3787249

Late arrival of the application, for whatever reason, will not be accepted.

For further information you can contact the SISSA Students' Secretariat: phd@sisssa.it

Trieste, February 2013

ICTP Director
(Prof. F. Quevedo)

SISSA Director
(Prof. G. Martinelli)



To the Director of SISSA
Via Bonomea 265
34136 Trieste
Italy
Fax: +39-040-3787249

I, the undersigned (name and surname)
born in (place) on (date) resident in
(full address for correspondence concerning application)
.....
.....
telephone/fax no. e-mail address

REQUEST

to take part in the **selection for a Joint International ICTP/SISSA Ph.D. position** for the following field(s):

- Mathematical Analysis, Modelling and applications**
- Geometry**
- Mathematical Physics**

- Astrophysics**
- Astroparticle Physics**

- Physics and Chemistry of Biological Systems**
- Statistical Physics**
- Theoretical Particle Physics**
- Theory and Numerical Simulation of Condensed Matter**

I declare, on my own responsibility, the following:

- a) to be a citizen;
- b) to possess a sufficient/average/good/excellent knowledge of the English language;
- c) to have/be in the process of obtaining a "Diploma Course" degree in obtained on with the final mark.....;
- d) to undertake to follow the activity on a full-time basis in accordance with the Statutes and regulations of the School;
- e) to undertake to communicate any changes in address immediately.

I enclose the following documentation:

- Curriculum Vitae;
- Certificate of ICTP Diploma Course examinations taken (with marks) and degree certificate (if already obtained);
- Copy (or abstract of draft) of the ICTP Diploma Course thesis (if any);
- No. letters of presentation;
- Other (specify)

The International School for Advanced Studies will respect the reserved nature of the information submitted by the candidates. All the data will be used for the purpose of the competition only and for the eventual fellowship, in accordance with the Italian Legislative Decree 196/2003.

Date,

Signature