

Advanced Training Programme leading to a fast track PhD in Physics Academic year 2020/21

The International School for Advanced Studies in Trieste offers 2 fellowships in the framework of an “Advanced Training Programme” leading to a fast track PhD in connection with the Inter-University Master course in Physics jointly delivered by the Universities of Trieste and Udine.

The programme lasts 2 years, it is aimed to candidates who wish to acquire theoretical tools and necessary skills to start a high level research activity in Theoretical Physics of the Condensed Matter and it consists of two parallel and complementary trainings: the Inter-University Master course in Physics jointly delivered by the Universities of Trieste and Udine and a set of courses held by the researchers and professors of the SISSA Theory and Numerical Simulations of the Condensed Matter PhD course.

The 2-year fellowships, of the amount of € 6.000,00 gross per year, are disciplined by a special agreement and are incompatible with those provided by other organizations for the same purpose.

A contribution towards living expenses up to € 250,00 gross per month will be awarded to those who will subscribe a registered rent contract in the Trieste province.

To non-EU admitted candidates travel expenses to reach the School will be reimbursed up to a maximum amount of € 1.000,00.

Access to the Programme will be allowed, in addition to the 2 winners of the scholarship, to the next 4 eligible candidates.

Requirements:

To be admitted to the Programme, candidates must be in possession of one of the following degrees **by 31 October, 2020:**

- Italian **laurea triennale** in a scientific subject or a University degree obtained abroad considered equivalent by the governing bodies of the Universities of Trieste and Udine (i.e. B.Sc.).

• Applications:

An online application Candidates should fill the attached application form and enclose the following documents:

- curriculum vitae et studiorum;
- a certificate of University examinations taken (with marks);

- a final degree certificate;
If, at the time of application, candidates should not be yet in possession of a degree certificate, they can submit it at the time of the examination or, by 31 October at the latest.
European Union candidates can submit a personal declaration instead of the aforementioned certificates.
- a copy of the diploma thesis/project (if any).
- curriculum vitae et studiorum (participation to courses on physics of the matter, fellowships, publications, etc.)

● **Deadline and interviews:**

The application, together with all the required documents must be sent by **13.00 hrs. of 16 June 2020** through the online procedure available at the following link: <https://pica.cineca.it/sissa/tipologia/bds>

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

Candidates who are in possession of the above qualifications and who do not receive notification to the contrary, should attend the interview between 24 and 25 June 2020. The schedule and the venue of the interview will be notified to the candidates by e-mail.

Interview by videoconference

The interview can be sit by videoconference; candidates who wish to use this possibility must specify their request in the attached application form.

For identification purposes, and under penalty of exclusion from the selection process, each candidate is required to identify themselves showing the same identity document already uploaded as an attachment to the application before the interview begins.

Failure to give personal address, lack of internet connection, unavailability of the candidate at the expected day/time, or failure to show a valid identification document, shall be reason for exclusion from the selection process. This does not apply if the candidate appears in person on the day and at the time of the interview.

SISSA accepts no responsibility in the event that technical reasons should prevent the proper conduct of the oral examination.

Should objective reasons, duly documented, prevent personal participation in the oral test, the candidate who has not sent a request for interview as an attachment to the application, can send it to protocollo@sissa.it four working days before the date set for the oral examination, enclosing a copy of a valid identity document. The Administration will give notice of acceptance of the request.

- **Admission Procedure:**

The exam aims to ascertain the knowledge of basic physics of the candidate and his/her attitude to research.

A maximum score of 30 will be available for the academic qualifications evaluation and of 70 for the evaluation of the interview (maximum total score: 100)

A total mark of not less than 49/70 in the interview and of 70/100 in total (academic qualifications + interview) is required to be considered “eligible” for admission to the Programme.

For information: phd@sissa.it or cm@sissa.it

As per Legislative Decree 30.06.03 n.196, and of the European Regulation 2016/679 (General Data Protection Regulation), we inform that all data given to this Administration will be processed only for purposes related to and instrumental to the existing contract, in compliance with the provisions in force.

Admitted candidates will be notified by email. They will have to be present at SISSA on 1 October 2020 Those who at that time were not yet in possession of the first level degree, could ask for short periods of leave in order to obtain it. Those who will not be in possession of the first level degree by 31 October 2020 will be asked to return any amounts received and will not be allowed to follow the programme.

Trieste, 24.02.2020

The Director
Prof. Stefano Ruffo