SISSA

Scuola Internazionale Superiore di Studi Avanzati

Selection based on academic qualifications and interview for the conferment of a fellowship co-financed by the "Istituto Officina dei Materiali" of the National Research Council follow the PhD course in Theory and Numerical Simulation of the Condensed Matter Academic year 2020/21

In the framework of the agreement signed with the "Istituto Officina dei Materiali" of the National Research Council , the International School for Advanced Studies announces a selection based on academic qualifications and an interview for the conferment of a fellowship to follow the PhD course in Theory and Numerical Simulation of the Condensed Matter for the academic year 2020/21.

Title of the project: First-principles modeling of plasma-facing materials for fusion energy applications.

Fellowship: The yearly amount of the fellowships is, at the moment, of € 18.043,32 gross (34,23% tax).

Financing Bodies: SISSA – CNR IOM

Duration of the programme: 3 years (with possible extension to 4)

Other benefits:

A contribution towards living expenses of the amount of €100,00 gross per month will be awarded to those who will subscribe a registered rent contract in the Trieste province.

A "laptop contribution" up to € 400,00 may be granted upon request and presentation of the relevant invoice.

A contribution towards the expenses to be enrolled in the health insurance system up to € 198,77 will be granted to non-EU students only.

Students enrolled in the third year can request a contribution of up to € 1.000,00 for their access to training and/or to create a network of academic contacts to help them in their future career.

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

● Admission Requirements

The School welcomes applications from young candidates who are going to complete or soon after completion of their undergraduate studies with a strong interest in research.

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

Segreteria didattica ed allievi
SISSA
Via Bonomea, 265
34136 Trieste – Italy
T +39 040378111
E phd@sissa.it

- Italian **laurea magistrale** in Physics; Chemistry; Materials, Materials Engineering, Nuclear Engineering, or related subjects
- A University degree obtained abroad and considered equivalent to the aforementioned Italian degrees by the examining committee (i.e. M.Sc.).

● **Online application**

An online application must be filled and sent using the procedure available at the page **https://pica.cineca.it/sissa/** by 25 August 2020 – 13.00 hrs. (CET time)

Candidates should upload the following documents in pdf format:

- 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. European Union candidates can submit a personal declaration instead of the aforementioned certificates.
- a copy of the diploma thesis (if any).

At the end of the procedure, candidates will have to indicate the names and email addresses of two professors that will receive an email requesting to send a recommendation letter through the same online procedure **within three days of the announcement expiry date.**

The candidate will then have to print out the admission request form, sign it and send it through the same online procedure.

● **Entrance Exams**

After the deadline of the announcement, the Commission, which will be composed of internal and external professors of the School and of the National Research Council (CNR-IOM) representatives, will evaluate the documentation produced by the candidates (curriculum vitae and studiorum, letters of recommendation, etc.). Candidates who have obtained a minimum score of 21/30 will be invited to take the interview (maximum mark: 70/100) which will be held remotely **between 1 and 4 September 2020**.

● **Admission:**

The admitted candidate will be notified by email and will be asked to be present at the School on 1 October 2020 for the registration.

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Failure to do so without a valid reason will result in the loss of the place and fellowship awarded.

In order to be enrolled and to be awarded the fellowship, admitted candidates must pay a "Regional Tax" of the amount of € 120,00 - € 160,00 per year. Information can be retrieved at http://www.ardiss.fvg.it/.

For information about rights and duties of the doctoral students please consult the Teaching Regulations of the PhD courses of SISSA at this page.

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.

The Director
Prof. Stefano Ruffo
(digitally signed)

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