

## Director's Decree n. 572 dated 02.07.2024

**Selection based on academic qualifications and interview for the award of a scholarship financed by the Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA - France) in the framework of the Ph.D. course in Theory and Numerical Simulation of Condensed Matter Academic Year 2024/25.**

The Ph.D position which will be activated after approval of the MIUR as foreseen by D.M. 226/2021, have a duration of 4 years with the possibility of obtaining the title at the end of the third year, and are based on teaching and research activities, with examinations to determine admission from one year to the next and the attainment of the Ph.D degree.

**Financing body: Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA - France)**

**Project: *Development of theoretical and numerical tools to predict capture cross-sections and decay rates in non-radiative phenomena***

• **Fellowships and other benefits:**

**The amount of the fellowship which will be awarded for a maximum of 4 years is, at of € 16.242,96 gross per year (about 12% tax).**

Admitted students will be granted a one-time settlement allowance of € 500.00 if they are domiciled in a country belonging to the European Union, and € 1,000.00 if they are domiciled in non-European countries.

A contribution towards living expenses of the amount of €150,00 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/fourth 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.

- **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.

Applications can be submitted, without age and citizenship limitations, by those who have a “Laurea Magistrale” degree or a similar qualification (i.e. Master of Science) obtained abroad, deemed suitable at discretion of the examining commission. The title must be held by the date of enrolment in the Ph.D Course, under penalty of forfeiture of admission to the Course.

- **Online application:**

An online application must be filled and sent using the procedure available at the page <https://pica.cineca.it/sissa/> by **13.00 hrs (Italian time) of 26<sup>th</sup> August 2024.**

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).

Candidates with a certified disability, can report their needs related to the exams in a specific section of the online procedure.

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 two 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.**

- **Selection procedures:**

**Evaluation of academic and scientific qualifications:** maximum 30 points  
Threshold for admission to the oral test: minimum score of 21/30 in the evaluation of academic and scientific qualifications

## Evaluation of the oral exam: maximum 70 points

The oral test will be held remotely.

To be considered eligible, candidates must pass all selection phases (evaluation of academic and scientific qualifications and oral exam) with a minimum score of 7/10 or equivalent.

### ***Interview by videoconference***

The candidate must be available at that address, on the day and at the time that will be notified by the Commission via e-mail.

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.

In the case of a written exam, each candidate must provide two cameras; one that allows the vision of the candidate himself (i.e. computer / laptop) and one that frames the screen where the candidate takes the test (i.e. mobile phone).

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.

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

### • **Admission:**

Candidates admitted to the School will be notified by email and will be asked to be present at the School by **1 October, 2024**.

**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.ardis.fvg.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.

The Director  
Prof. Andrea Romanino  
(digitally signed)

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