

TRANSLATION OF THE DIRECTOR'S DECREE 532/2026 DATED 30.06.2026

Selection for the conferment of one fellowship funded by Fincantieri SpA "Development of surrogate methods for parametric optimization of structural analysis of passenger ships"

PhD course in Mathematical analysis, Modelling, and Applications

As part of the agreement stipulated with Fincantieri SpA, the International School for Advanced Studies is announcing a competition based on qualifications and interview for the awarding of a scholarship in the framework the "Philosophiae Doctor" (Ph.D) course in Mathematical Analysis, Modelling, and Applications for the academic year 2026/27.

- Project Title:** Development of surrogate methods for the parametric optimization of the structural analysis of passenger ships
- Fellowship:** The annual amount of the scholarship, awarded pursuant to Law 398/89, is € 16,242.96 gross
- Financed by:** Fincantieri SpA
- Duration:** The program, which will be activated after accreditation by the MUR as established by the Ministerial Decree. 226 of 14.12.2021, lasts 4 years, with the possibility of obtaining the title at the end of the third year, and is divided into teaching and research activities with exam tests, the passing of which conditions the transition from one year to the next and the obtaining of the Ph.D itself.

• Requirements:

SISSA welcomes applications from candidates with a strong interest in research, without limitations of age and nationality, who have completed, or are going to complete by 31st October 2026, their undergraduate studies of Master of Science/ Laurea Magistrale, in scientific subjects.

• Fellowships and other benefits:

The School awards two fellowships for a maximum of 4 years the amount of which is, at the moment, € 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 "Budget for PhD research activity" equal to 10% of the gross amount of the PhD scholarship will be made available annually, as provided for by Ministerial Decree 226/2021.

- Non-EU students and EU students who are unable to extend their health coverage in Italy will be reimbursed for the costs incurred for the subscription of a private or public health insurance up to a maximum of €700.00 per year.
- The contributions foreseen in the event of suspension due to illness, maternity/paternity and parental leave are regulated by art. 15 of the SISSA PhD Course Regulations.

• **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 of 27th August 2026 (CET)**

Candidates should upload the following documents in pdf format:

- *curriculum vitae*;
- 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), or its abstract.

At the end of the application, the candidate must print and sign the request for admission to the exams and send it using the procedure above.

Subsequently, the names and institutional email addresses of up to two referees may also be indicated; they will receive a message requesting to upload a letter of recommendation on the same platform. **This procedure must be completed no later than two days after the closing date of the announcement of the chosen course.**

Candidates with disabilities certified according to the law n. 104/1992 and subsequent modifications, and those diagnosed with Specific Learning Disorder certified according to the law n. 170/2010 and to the D.M. n. 5669 dated 12/07/2011, can report their needs together with the submission of the admission application, within the deadline set by this announcement.

• **Selection Procedure:**

After the deadline of the announcement, the Selection Committee, will evaluate the documentation produced by the candidates (*curriculum vitae*, transcripts, letters of recommendation, etc.). **Candidates who have obtained a minimum score of 21/30 will be invited to take part in the interview which will be held remotely on 16th September 2026.**

Interview by videoconference

The candidate must be available 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 by 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.

SISSA accepts no responsibility if technical reasons should prevent the proper conduct of the oral examination.

The oral exam is considered passed with a minimum score of 49/70.

After each step of the exam, the Commission will publish the relevant results.

• **Admission:**

The first candidate in the ranking list will be offered the position. If, for any reason, she/he should decline the offer or fail to comply with the requirements for taking up the position, the next in the classification list will be offered the position.

Candidate admitted to the School will be notified by email and will be asked to be present at the School by **1 October, 2026**.

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 30.06.2003 n.196, and of the European Regulation 2016/679 (General Data Protection Regulation) all data given to this Administration will be processed only for purposes related to and instrumental to the present procedure, in compliance with the provisions in force.

The Director
Prof. Andrea Romanino
(digitally signed)

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