



## Translation of the Director's Decree n. 357 dated 05.05.2023

### **Selection for the conferment of one PhD fellowships in Mathematical Analysis, Modelling, and Applications in the framework of “Piano Nazionale di Ripresa e Resilienza - Missione 4, Componente 2, Investimento 1.5” Project “Interconnected Nord-Est Innovation Ecosystem (iNEST)” in collaboration with OGS - National Institute of Oceanography and Applied Geophysics**

The Ph.D programme, which will be activated after approval of the MUR 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 is 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.

<b>Amount of the fellowship:</b>	€ 20.037,36 gross per year (€ 1.195,47 monthly net) financed by OGS - National Institute of Oceanography and Applied Geophysics
<b>Project:</b>	Study and application of Model Order Reduction techniques to regional ocean model outputs for digital twins
<b>Duration of the programme:</b>	4 years

#### **Fellowship and other benefits:**

The aforementioned fellowship and relevant benefits will be financed by OGS with funds from the iNEST (Interconnected Nord-Est Innovation Ecosystem) project and from the HPC-TRES programme co-financed PRACE-Italy.

- Admitted candidates will be awarded an “una tantum” contribution for settlement costs equal to € 500.00 if domiciled in a country belonging to the European Union and equal to € 1,000.00 if 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.
- For more information: [Welfare - Interventi al personale | Scuola Internazionale Superiore di Studi Avanzati \(sissa.it\)](#)

- **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/> **22<sup>nd</sup> August 2023 – 13.00 hrs. (CEST)**.

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.**

Candidates with special needs are invited to state them in the admission request.



- **Selection Procedure:**

After the deadline of the announcement, the Selection Committee, will evaluate the documentation produced by the candidates (*curriculum vitae*, letters of recommendation, etc.). Candidates who have obtained a minimum score of 7/10 will be invited to take the written test via Zoom on **5<sup>th</sup> September 2023**. Those who will obtain a minimum mark of 28/40 in the written test, will be admitted to the interview which will be held on **6<sup>th</sup> September 2023** via Zoom, with scheduled times that will be communicated later on.

**Eligibility is achieved with a minimum mark of 35/30 in the interview.**

For both tests the candidate should be reachable at the address indicated in the application, at the time communicated by SISSA through email.

Candidates should show an ID document for identification at the beginning of the interview. The absence of a contact email in the application or of a valid ID during the interview, imply the exclusion from the competition.

- **Admission:**

The admitted candidates will be notified by email and will be asked to be present at SISSA on 2<sup>nd</sup> October 2023, for the registration.

**Failure to do so without a valid reason will result in the loss of the 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](#).

As per Legislative Decree 30.06.2003 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)