SISSA

Scuola
Internazionale
Superiore di
Studi Avanzati

PUBLIC SELECTION NOTICE

(DIRECTOR'S DECREE NR. 203 DATED 09.03.2026)

The International School for Advanced Studies in Trieste announces a curriculum evaluation procedure for the award of a scholarship for research and specialization activities on 'N-body simulations in the scenario of non-minimally coupled dark matter' at the SISSA Physics Department, scientific advisors Prof. Andrea Lapi and Prof. Stefano Liberati.

Duration and start date: Four months starting from 1 September 2026.

Requirements for admission to the selection process:

By the deadline for submitting applications for admission to the selection process, candidates must:

- enjoy civil and political rights. have no criminal convictions and not be subject to any preventive measures, civil decisions or administrative measures.
- be aware that they are not subject to criminal proceedings.
- hold a bachelor's degree in physics or Astronomy/Astrophysics, if they hold a single-cycle degree, they must be enrolled in the final year of a degree course in Physics or Astronomy/Astrophysics.
- Level of English language proficiency: minimum B2

Research activities: Development and analysis of N-body simulations in scenarios of matter with non-minimal coupling to gravity, in fluid approximation.

Location of research activities:

The assignment will take place in the Physics Area of SISSA, under the coordination of Prof. Andrea Lapi and prof. Stefano Liberati.

Submission of applications:

The application form must be completed and submitted no later than 1 p.m. on 27.03.2026 using the procedure available at https://pica.cineca.it/sissa/ricercaeperfezionamento-lapi_2026.

For information: Segreteria Didattica ed Allievi della SISSA

Selection Committee:

The Selection Committee, composed of three experts in the subjects relevant to the scholarship to be awarded, will be appointed by Decree of the Director of the School, pursuant to Article 5 of the Regulations for the awarding of scholarships for research and advanced study activities issued by D.D. No. 988 dated 27 November 2023.

Curriculum evaluation procedure:

The selection will be made through a comparative evaluation of CVs based on the information provided by candidates in their applications and CVs.

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Evaluation criteria: (30 points total)

- University grades (maximum 15 points).
- Relevance of the research topics indicated by candidates to the activities carried out at SISSA (maximum 10 points).
- Content of the letters of introduction (maximum 5 points).

Outcome of the evaluation:

At the end of the selection process, the Selection Committee will draw up a ranking list of eligible candidates. The results of the comparative procedure will be approved by Decree of the Director. The approval measure will be published on the SISSA website. The evaluation does not give rise to any certification of eligibility.

Research grant payment:

The monthly amount of the grant is € 1,440.00 gross (approximately € 1,200.00 net) and will be paid monthly in arrears. The financial coverage of the aforementioned research grant is ensured by the project, R_H2020_MC_ITN_FISI_Lapi_0607 – H2020-MSCA-ITN-2019-ETN-860744 – Acronym: BiD4BESt – CUP G94I19001440006.

For the purposes of Legislative Decree no. 196 of 30 June 2003, as amended, and European Regulation 2016/679 (General Data Protection Regulation), we inform you that all data provided to this Administration will be processed only for related and instrumental purposes.

The Director

(Prof. Andrea Romanino)