

Announcement n. 24737

POST-DOCTORAL SENIOR LEVEL 3 RESEARCH GRANT IN EXPERIMENTAL PHYSICS

The 2023/2024 INFN Research Grant Program offers **20 (twenty) positions** for research activity in Experimental Physics.

Eligible candidates are non-Italian citizens.

The Research Grant cannot be awarded to those who have already benefited from “Assegni di Ricerca” in Italy for a total duration of six years.

If the winners of this competition have already benefited from INFN Research Grant for a period of less than six years, the new Research Grant may be awarded up to the aforementioned limit.

Those who have already won a Research Fellowship in Italy of the same type with the INFN cannot participate in the call.

Applicants must have a Ph.D. degree (or an equivalent qualification), obtained no more than eight years prior to the call deadline, *i.e.* on or after November 15th, 2014. This time limit may be extended in case of:

- Maternity (18 months for each child born before or after the Ph.D. award, up to a maximum of 4.5 years);
- Paternity (effective time of leave taken for each child born before or after the Ph.D. award, up to a maximum of 4.5 years);
- National Service (effective time of leave taken after the Ph.D. award);
- Long-term illness, *i.e.* over 90 days, (effective time of leave taken for each incident occurred after the Ph.D. award).

The total elapsed time since the award of the Ph.D. should not in any case surpass twelve years and six months. The reasons for an extension of the time limit must be duly documented only in case of a successful application. Failure in providing the appropriate documentation will result in the ineligibility for the appointment.

Candidates who are preparing their doctoral thesis are eligible to apply; however they must have obtained their Ph.D. degree **by November 1st, 2023 or in any case before** taking up their appointment with INFN.

The annual gross salary is €31.213,48, (the net salary according to the regulations in force on 01-01-2022 is €27.516,77. This number might be subject to change).

In order to promote the mobility of researchers, the winners of the scientific research grants who have obtained the Ph.D. in a Province or Metropolitan City other than that where their research grant is seated, will receive an additional economic incentive of €5.000,00 gross year for each year the contract is in force, provided that they are not resident or have not had the residence or scholarships or other research grants paid by the INFN or other scientific institutions in the three years prior to the signing of the contract in the Province or Metropolitan City of the destination.

This condition is verified at the starting of the activity.

Each Research Grant is initially issued for one year and may be extended for a second year.

Applications, in electronic form, must be submitted to INFN not later than **November 15th, 2022 (11:59 a.m. CET)** through the website <https://reclutamento.dsi.infn.it/>.

The applications should include the research topic(s) of interest, the preferred INFN site(s) – two at the most, chosen among those listed in Annex 1 – and:



- a statement of research interests (a summary of research accomplishments and future direction and potential of the work of the candidate at the selected INFN sites);
- a curriculum vitae;
- a publication list;
- the names and e-mail address of at least three referees: each of them may upload a reference letter not later than **November 18th, 2022 (11:59 a.m. CET)**.

Candidates will be excluded from participation in this call if they submit their application later than the deadline indicated.

Incomplete applications (lack of information or missing files) will not be considered.

The selection of the candidates will be based on:

- 1) the candidate's scientific quality, as shown by his/her CV and his/her track record of results achieved;
- 2) quality and relevance of the submitted scientific publications to be evaluated taking into account the specific research area and the candidate's career stage;
- 3) qualification of the candidate as attested in the submitted reference letters;
- 4) the candidate's scientific experience and qualifications with respect to the chosen research topic.

At the end of the selection process, the results of the selection will be published at INFN website (Job Opportunities – Details of the announcement). Successful candidates will then receive an official communication from the INFN administration offices. The appointed should start their Research Grant **not later than November 1st, 2023**; however, special requests to defer the starting date can be considered.

Roma, 9th September 2022

RC/ADV

ISTITUTO NAZIONALE DI FISICA NUCLEARE
II PRESIDENTE
(Prof. Antonio Zoccoli)¹

¹ Documento informatico firmato digitalmente ai sensi della legge 241/90 art. 15 c 2, del testo unico D.P.R. 28 dicembre 2000, n. 445, del D.Lgs. 7 marzo 2005, n. 82, e norme collegate, il quale sostituisce il testo cartaceo e la firma autografa



ANNEX 1

INFN SITES

INFN Laboratories:

Laboratori Nazionali di Frascati (Roma), Laboratori Nazionali del Gran Sasso (L'Aquila), Laboratori Nazionali di Legnaro (Padova), Laboratori Nazionali del Sud (Catania);

INFN Sections in the Universities of:

Bari, Bologna, Cagliari, Catania, Ferrara, Firenze, Genova, Lecce, Milano, Milano Bicocca, Napoli, Padova, Pavia, Perugia, Pisa, Roma La Sapienza, Roma Tor Vergata, Roma Tre, Torino, Trieste, TIFPA.

RESEARCH PROGRAMS

The research programs of the candidates must be focused on the research fields of the INFN Sections and Laboratories selected. The INFN research fields are listed below:

- PARTICLE PHYSICS
- ASTROPARTICLE PHYSICS
- NUCLEAR PHYSICS
- TECHNOLOGY RESEARCH