

ISTITUTO NAZIONALE DI FISICA NUCLEARE

Bando 17967/2016

Open Competition for the assignement of one research fellowship within the scientific research area

THE PRESIDENT

of the National Institute for Nuclear Physics

- seen art. 22 of law 30 December 2010 n. 240, that enables Public Bodies and Research Institutions to give fellowships for collaborations to research activities;
- seen the INFN's regulation concerning the assignment of fellowships for collaboration in research activities, approved by the DIRETTIVO Board n. 12756, on March 28 2013;

HAS ORDERED

Art. 1

GENERAL PART

It is called an open competition for qualified candidates to assign 1 fellowship, whose examination could be performed by phone conference, for 2 years collaboration in scientific research activity, at the Padova Site of INFN entitled **"The electron-positron collider Physics"**.

The fellowship is funded by INFN ordinary funds for the JENNIFER Project and funds assigned to the Padova Site, 23.527,93 euros per year plus 5.000,00 euros per year as mobility stimulus.

Copy of the call is available at all INFN sections and at the web site <http://www.ac.infn.it/>.

The fellowship may not be combined with other similar fellowships, nor with incomes from other public or private occupations. Exception is made for fellowships given by national or international Bodies or by INFN itself, if useful to enhance through abroad stays, the research activity of the fellowship holder. In this case an authorization by INFN is necessary.

The ownership of the research is not compatible with participation in courses of bachelor or master, PhD with scholarship, in Italy or abroad, and involves the placement on leave without pay for the employee on duty at public administrations.

If the candidate of the research fellowship is relative within the fourth degree or related within the second degree of an employee or associate in the site where the selection is open, he must give written notice before the competition's start.

Art. 2  
DURATION AND AMOUNT

The fellowship has 2 year duration subject to annual review of the scientific activity as foreseen in the following art. 13.

The fellowship yearly gross amount is € 19.367,04 at net of INFN's burden and will be paid monthly. The fellowship holder will benefit of all local services, the canteen service included, which all local employees benefit of, as provided by the local regulation.

If sent out for working missions related to the development of the research activity, the holder will benefit of all allowances as provided by the regulation of INFN fellowships holders.

In order to encourage the mobility of researchers, the winners of the fellowship that reside in regions other than the site of the institution specified in the selection procedure, will benefit from an additional economic incentive. The amount of the incentive is determined in 5.000 euro gross per year. This amount is paid in a single payment within 30 days after the start of the contract. The winners eligible for incentives shall enjoy equal to the second and subsequent years, subject to the permanence of the residence requirement. In the event of early termination of the contract by the fellowship holder, it is required the return of the portion of the incentive proportional to the remaining period of the year.

Art. 3  
ADMISSION REQUISITES

In order to participate in the selection, applicants must possess the following requirements:

PhD degree in Astronomy, Computer, Physics, Engineer, Mathematics, Materials Science or an equivalent degree, even achieved abroad;

or

degree in Astronomy, Computer, Physics, Engineer, Mathematics, Materials Science or an equivalent degree, even achieved abroad, and a scientific-professional curriculum proving the capability to effectively contribute to a research activity and including at least a 30 months period dedicated to a post-degree research activity, two years of which dedicated as research doctorate in Italy or abroad.

The academic degree must be taken at Italian Universities/Higher Institutes or at foreign Universities/Higher Institutes. In the last case, it is required a detailed documentation of the formative path, to enable the Structure's Principal to produce an equivalence declaration, for the only and limited purposes of the aforesaid competition's participation.

Applicants may submit an application no later than the completion of the tenth year after obtaining a PhD. This limit may be increased in the cases listed below. The motivations of the extension must be properly documented in the application.

- a) for maternity: 18 months per child
- b) in case of parental leave: the period equal to the duration of leave used for each child
- c) in the event of a long hospital stay, long disease beyond 90 days or military service: a period equal to the duration of the individual events considered

*Employees of INFN are not eligible for Research fellowship.*

All requisites for admission must be already possessed when applying as regulated by later art. 4

Examination and evaluation of all requisites is up to the Principal of the Padova Section of INFN. For candidates who do not have a PdD, the evaluation of the requisite referred in point b) of this regulation (*...to effectively contribute to a research activity and including at least a 30 months period dedicated to a post-degree research activity, two years of which dedicated as research doctorate in Italy or abroad*) is up to the unappealable decision of the commission as detailed in art. 5.

The research grant cannot be attributed to those who have already used Italian research grants, including any renewals, for a period of six years. From the calculation of the 6 years, periods in which the grant was received in connection with a “PhD without a grant” are excluded, not exceeding the legal duration of the course.

In the event that the winning candidate has used research grants for a period of less than six years, the research grant will be awarded the contracts up to the above mentioned limit.

#### Art. 4 TERMS AND DEAD LINE FOR APPLYING

Applications to participate to the examination, filled in simple paper, following the attached scheme (encl. n. 1), duly signed by the applier, must be sent by registered mail to the Padova Site of INFN by and **not after 30 days from the date of the competition** (*Via Marzolo 8, 35131 Padova - Italy*).

Applications can be forwarded, within the above mentioned deadline, by certified mail **padova@pec.infn.it**, in accordance with local regulations.

Should the deadline be in coincidence with a holiday, it is to be intended as the first working day immediately following.

Application received **with no signature** and after the deadline will not be taken into consideration.

So will all those received by any other means than registered mail; the postal office stamp gives validation of date where the application is mailed.

Under the applicant responsibility, applications preferably typewritten, should report:

- Last and first name;
- Date and place of birth;
- Place of residence;
- Fiscal code;
- Citizenship;
- Statement of no penal convictions, or, if the case, specifying the type of penal conviction received;
- Possession of degree requested by this call, specifying date and place of achievement of it;
- The position concerning the ownership of other research grants;
- Possession of requisites specified in the art. n. 3;
- Titles possession among those listed in the art. n. 5.

Candidates must also indicate in the application:

- The total number of enclosed works, graduation thesis included, if necessary;

- Address where it's preferred to receive all communications regarding this call, if different from the one of residence.

Candidates should also enclose to each application:

1. Substitutive declaration of certificates, as for art. 46 DPR 445/2000 (enclosed scheme n.3), concerning the graduation degree indicating the marks (or equivalent classification) reported for each exam and for the final one, together with the date when this was taken;
2. Substitutive declaration of certificates, as for art. 46 DPR 445/2000 (enclosed scheme n.3), concerning the Ph.D. certificate or enrolment certificate indicating the number of attended years;
3. Scientific-professional curriculum suited for the research activity, if it has required at least 30 months of professional experience or scientific research post-laurea degree, with the list of publications where occurs; the scientific-professional curriculum should be prepared in the form of declaration of "attested affidavit" with reference to art 47 DPR 445/2000;
4. Enclosed scheme n. 2, as for art. 6, in case the candidate intends to carry out the examination interview by phone conference.

For a complete and better evaluation of all titles, candidates may attach to the application all documents, titles and publications that may be considered useful to the case.

The declarations as for the above mentioned point 1) and 2) may be replaced with a photocopy of the documents/certificates with a substitutive declaration of "attested affidavit" proving the conformity of the copy to the original as for art. 47 DPR 445/2000 as shown in the enclosed scheme n. 4.

**It is expected the exclusion from the competition if the declarations as for the point 1) and 2) or the photocopy of the certificates - with the substitutive declaration of "attested affidavit" - are not attached to the application. For applicants who do not have a PhD, it is expected the exclusion if they do not attach the declaration as regulated by the point 3).**

Candidates who present the substitutive declaration of "attested affidavit" must attach to the application a (non-authenticated) photocopy of a valid identification document.

The application, together with all enclosed documents, must be mailed in a single envelope on which it has to be clearly visible the name, surname and address of the candidate and the code number of the call for which he/she is applying.

Applications, documents and titles sent to INFN after the date indicated at first paragraph of this article, will not be taken into consideration, neither those that, by the dead-line, will not have the required documentation. Furthermore, it is not allowed to substitute titles and documents already exhibited after the deadline, even in case of replacing drafts or notes with final prints.

## Art. 5

### COMMISSION OF EXAMINATION, VOTES AND TITLES

As requested by the art. 7 paragraph 1) of the INFN Research Fellowship Regulations, for each INFN Section a commission of examination is designated.

Every commission examines calls for the Padova Section, whose due date for submission of applications falls within the two-year term of office; in the event that the work should not be completed by the end of

the term of office of the committee, that period is automatically extended until the conclusion of the work.

The commission has 100 marks to be so distributed:

- 30 marks for titles;
- 70 marks for the oral examination.

Evaluation of titles is done before oral examination.

Valuables titles are:

- graduation degree;
- achieving the title of Doctor of Philosophy;
- PhD course or equivalent;
- post-laurea degree specializing courses, either in Italy or abroad;
- professional experience or technological research activity with private or public Bodies, with contracts, fellowships or other, either in Italy or abroad;
- scientific activity and publication.

The possession of a Ph.D., or equivalent qualification obtained abroad, is an advantage for the assignment of the research grant.

Criteria for the evaluation of titles must be decided by the commission before seeing the titles themselves.

The oral examination will concern general subjects regarding the topic chosen when applying, the previous related experiences and the exhibited publications, when they occur.

The oral examination will not be considered overcome if the candidate does not obtain a mark of 42/70 at least.

The global evaluation is given by the sum of the marks obtained for titles and those for the oral examination.

#### Art. 6 ORAL EXAMINATION AGENDA

Candidates can take the interview at the INFN Padova Section or by videoconference at one of the INFN sites listed below:

Torino Section  
Firenze Section  
Roma Section  
Bari Section  
Catania Section  
Cagliari Section

Applicants who want to take the oral examination in a videoconference interview, should indicate when applying **one** (and only one) of the facilities referred to above (using the form in Appendix n.2).

Date and place of the oral examination will be communicated by letter to all candidates admitted to participate, at least 20 days earlier the date of the oral examination.

INFN does not assume any responsibility for possible delays or postal slip-ups of the communications to the candidates, neither for the impossibility of delivering the communication to a candidate due to changes of address of which the application office has not been duly informed on time.

In order to be admitted to the oral examination, candidates must exhibit a valid identification document.

Candidates incapable to exhibit any or a valid document will not be admitted to the exam.

#### Art. 7 LIST OF MERIT

At the end of the oral examination, the commission draws up the minutes and a report with a specific assessment on each candidate participating to the oral examination, with the relevant classification.

Only the candidates who have passed the examination and have obtained a global mark not inferior to 70/100 are enclosed in the classification, ordered according to the reported mark.

In case of equal votes, the priority in the list will be given to:

- The candidate with the highest laurea degree vote;
- The candidate with the highest oral examination vote.

#### Art. 8 APPROVAL OF THE MERIT LIST

Candidates listed within the number of fellowships to be assigned, will be considered winners, according to the ranking of art. 7.

The list will be approved by the Executive Board of INFN and posted in all the relevant places.

#### Art. 9 USE OF THE MERIT LIST

Winner candidates will receive a communication regarding the results of the examination and will have to reply by fax, within 15 days since the receiving of it, a declaration of acceptance of the fellowship, according to the regulations indicated in art. 1 or of renunciation of it.

In case of renunciation as described in art. 10, the fellowship can be given to the candidate immediately entitled in the merit list.

#### Art. 10 DRAW UP OF THE CONTRACT

Winner candidates will receive the fellowship through the drawing of an autonomous working contract within 60 days since the date of the examination results' communication; the activity must begin within 30 days from the drawing, except for motivated reasons considered valid by INFN.

In the case of a drawing not stipulated according with the regulations, winners have to be considered as renouncers; if fellowship winners fail to begin the activity by the decided date, the contract is, by law, automatically withdrawn.

As far as fiscal concerning, all dispositions given by art. 4 Law 13 August 1984 n. 476, will be applied and, as far as social security concerns, all dispositions given by art. 2, par. 26 and following of Law 8 August 1995 n. 335 and later modifications and integrations will be applied. With regard to obligatory maternity leave and sick leave the Decree of the Minister 12 July 2007 and the Law 296/2006 art 1 par. 788 will be applied.

As far as obligatory maternity leave, the allowance paid by INPS according to art.5 of law 12 July 2007 will be integrated by INFN until concourse of the entire fellowship sum.

#### Art. 11 FELLOWSHIP HOLDER DUTIES

Each fellowship holder activity is carried out under the guide and supervision of the research project or experiment's manager, for whose activity the fellowship has been granted.

The fellowship holder must:

- Begin the activity at the place and on the date indicated in the contract;
- Continue it regularly and with no interruptions for all time long indicated in the contract;
- Observe all internal rules of the Institution where the fellowship is held and follow all policies and instructions given by the responsible manager as already said in the first paragraph of this article;

If the fellowship holder, once begun the activity, does not continue it regularly and without interruptions, with no justified reasons, or becomes responsible of severe and numerous deficiencies, or appears to be not sufficiently capable to perform the technological research requested, the contract can be rescinded, with a motivated action by INFN President.

The action is moved following the suggestions of the director leading the Institution where the fellowship holder is carrying out his activity and previous a direct contact with the interested person.

The research activity is suspended in cases of compulsory maternity leave, parental leave and sick leave and extended according to applicable regulations. Delays and interruptions of the activity can be justified only by severe health impediment or similar, which have to be duly proved.

#### Art. 12

The collaborating activity to the technological development must be done within the topic area indicated in the contract and for the whole duration of the contract.

Exceptionally, following an accurate report of the manager (art.11), and the favorable opinion of the relevant Institution director, the INFN President can, with a motivating declaration, allow to continue the research in a different topic area.

#### Art. 13

Before the end of the first year the fellowship holder must send to the INFN President a report on the carried out activity together with the relevant opinion of the manager (art. 11).

In the event of a negative relevant opinion on the carried out activity or failing the report and the relevant opinion (art. 11), the contract can be rescinded as mentioned in art. 11.

At the end of the entire research activity, the fellowship holder must send to the INFN President a final report on the whole activity executed, together with the relevant opinion of the manager (art. 11).

#### Art. 14

#### PRIVATE AND PERSONAL DATA MANAGEMENT

As for the article 13 law 30 June 2003, n. 196, private personal data given by the candidates will be kept by INFN for purposes concerning the call and the execution of the examination only.

The exhibition of such data is indispensable for the evaluation of requisites to be admitted to the examination itself, thus absolutely necessary in order not to be rejected.

The candidate is guaranteed by the rights of art. 7 of the law 196/2003.

The controller data is the Director of the INFN Padova Section.

The President  
Prof. Fernando Ferroni

date: 25 February 2016



**Enclosed n. 1**

APPLICATION FORM

To

Direttore della Sezione  
di Padova dell'I.N.F.N.  
via F. Marzolo, 8  
35131 PADOVA

Subject: call n. 17967/2016 - for 1 fellowship for scientific research activity

The undersigned (name) \_\_\_\_\_ (surname) \_\_\_\_\_ born at  
\_\_\_\_\_(Province \_\_\_\_\_ State \_\_\_\_\_) on \_\_\_\_\_ resident  
in \_\_\_\_\_ address \_\_\_\_\_ fiscal code n. \_\_\_\_\_  
\_\_\_\_\_ applies to be admitted to the competition n. \_\_\_\_\_ for a  
fellowship of research activity in the following topic:

Subject: "....."

Struttura: Sezione di Padova

For the purpose declares, under his/her own responsibility:

- To be a \_\_\_\_\_ citizen
- Not to hold any penal conviction (if yes, please indicate the kind);
- To be, regarding the military service, in the following position: \_\_\_\_\_
- To have a research doctorate title in \_\_\_\_\_
- achieved on \_\_\_\_\_ at the University of \_\_\_\_\_
- To have a graduation degree diploma in \_\_\_\_\_ achieved on \_\_\_\_\_ at  
the University of \_\_\_\_\_
- To possess the following titles:

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Encloses n. \_\_\_\_\_ of works, of which:

- n. \_\_\_\_\_ published, of which, in collaboration n. \_\_\_\_\_
- n. \_\_\_\_\_ not published, of which, in collaboration n. \_\_\_\_\_

Encloses, also, the following documents:

It is preferred to receive all communications regarding the competition to the following address:

Address \_\_\_\_\_  
City \_\_\_\_\_  
Postal code \_\_\_\_\_  
Tel. \_\_\_\_\_  
e-mail \_\_\_\_\_

date \_\_\_\_\_

Signature (complete and readable)

**Enclosed n. 3**

**SUBSTITUTIVE DECLARATION OF CERTIFICATES**  
(art.46 DPR 445/2000)

The undersigned \_\_\_\_\_ born in \_\_\_\_\_ province  
\_\_\_\_\_ on \_\_\_\_\_ resident  
in \_\_\_\_\_ address \_\_\_\_\_ n. \_\_\_\_\_

aware of all penal responsibilities into which he/she may occur in case of false or not true declaration  
(art. 76 dpr 445/2000)

**DECLARES**

- To have the following title \_\_\_\_\_ achieved on \_\_\_\_\_  
at \_\_\_\_\_ with vote \_\_\_\_\_
- To have passed the following exams:  
\_\_\_\_\_ on \_\_\_\_\_ vote \_\_\_\_\_  
\_\_\_\_\_ on \_\_\_\_\_ vote \_\_\_\_\_  
\_\_\_\_\_ on \_\_\_\_\_ vote \_\_\_\_\_  
\_\_\_\_\_ on \_\_\_\_\_ vote \_\_\_\_\_  
.....

- to have a title of research doctorate in \_\_\_\_\_ achieved on \_\_\_\_\_  
at \_\_\_\_\_

or

- to be attending the \_\_\_\_\_ year of the course for research doctorate in \_\_\_\_\_ at \_\_\_\_\_  
from \_\_\_\_\_ and to have already attended \_\_\_\_\_ years of the course
- to have the following specialized title or the certificate of attendance to the post laurea degree  
specializing course \_\_\_\_\_ achieved on \_\_\_\_\_ at \_\_\_\_\_  
with vote \_\_\_\_\_.

Date \_\_\_\_\_

The declarant (1)  
(complete and readable)

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1) the declarant must send the declaration together with the photocopy of a valid identity document.

**Enclosed n. 4**

SUBSTITUTIVE DECLARATION OF THE "ATTESTED AFFIDAVIT"  
(art. 47 DPR 445/2000)

The undersigned \_\_\_\_\_ born \_\_\_\_\_ at  
\_\_\_\_\_(Province \_\_\_\_\_) on \_\_\_\_\_ resident  
in \_\_\_\_\_ address \_\_\_\_\_ n. \_\_\_\_\_

aware of all penal responsibilities into which he/she may occur in case of false or not true declaration  
(art. 76 DPR 445/2000)

DECLARES

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For illustrative purposes only, here some examples of sentences suggested to be used are listed:

That the copy of the enclosed graduation degree certificate consisting of n. \_\_\_\_ of sheets is conformal to the original;

That the copy of the following title or document or publication \_\_\_\_\_ consisting of n. \_\_\_\_\_ of sheets is conformal to the original.

Date \_\_\_\_\_

The declarant (1)  
(complete and readable)

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1) the declarant must send the declaration together with the photocopy of a valid identity document.