NATIONAL RESEARCH COUNCIL Istituto di Struttura della Materia

Selection notice n ° ISM/ASS/001/2020/MLIB

PUBLIC SELECTION FOR THE OPENING OF N ° 1 POST DOCTORAL RESEARCH GRANTS ("Assegno Post Dottorale") TO CARRY OUT RESEARCH ACTIVITIES WITHIN THE RESEARCH PROJECT "*PRIN BIOX: Predicting and controlling the fate of bio-molecules driven by extreme-ultraviolet radiation*"

THE DIRECTOR

GIVEN the Legislative Decree June 4, 2003, n. 127 containing "Reorganization of the National Research Council";

GIVEN the Legislative Decree December 31, 2009, no. 213 on "Reorganization of research bodies in implementation of art. 1 of the law 27 September 2007 n. 165 ";

GIVEN the Statute of the National Research Council, issued by decree of the President of the CNR n. 24 prot. 0023646, on April 7, 2015, which entered into force on May 1, 2015;

GIVEN the CNR DP CNR Organization and Functioning Regulations of 4 May 2005 published in the ordinary supplement no. 101 of the Official Journal of the Italian Republic n. 124 of 30 May 2005 and in particular art. 47 as modified by the decree of the President of the CNR n.000017, prot. n.21306 of 8 March 2011 published on the GURI - General Series - n. 60 of March 14, 2011;

GIVEN the DPR 28 December 2000, n. 445 concerning "TU of the legislative and regulatory provisions on administrative documentation" and subsequent amendments;

GIVEN the Legislative Decree 30 June 2003, n. 196, concerning "Code regarding the protection of personal data";

GIVEN the Regulation (EU) n. 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data, as well as on the free movement of such data and which repeals Directive 95/46 / EC general data protection regulation published in the European Official Journal of 4 May 2016;

SEEN Article. 22, of the law 30 December 2010, n. 240 entered into force on 29 January 2011;

GIVEN the Disciplinary for the assignment of grants for the carrying out of CNR research activities approved by the Board of Directors with resolution no. 28 on 9 February 2011, subsequently amended with resolutions no. 62 of 23 March 2011, 186 of 22 September 2011 and n. 189 of 27 November 2013;

GIVEN the Ministerial Decree n. 102 on March 9, 2011, relating to the definition of the minimum amount of research grants;

GIVEN the law n. 183 of 11 November 2011 and in particular art. 15 (2012 Stability Law);

CONSIDERING the directive of the Minister of Public Administration and Simplification no. 14/2011 for the application of the new provisions on certificates and substitute declarations pursuant to art. 15, of the law 12 November 2011 n. 183;

GIVEN the Law of 4 April 2012, n. 35 and in particular art. 8 paragraph 1;

GIVEN the Legislative Decree March 14, 2013, n. 33 on "Reorganization of the discipline concerning the obligations of publicity, transparency and disclosure of information by public administrations";

Having ascertained the coverage of the costs deriving from the assignment of the research grant with the financial resources coming from research programs, provision no. 14057 on 06/08/2019

DECREE

Art. 1 Object of the selection

A public selection is called, by qualifications and interview, for the conferment of n. 1 Post Doctoral Research Grants for carrying out research activities relating to the Scientific Area Physical Science to be carried out at the sede secondaria di Montelibretti dell'Istituto di Struttura della Materia CNR that carries out research on ultrafast physics within the research project PRIN - BIOX for the following topic: "Development of theoretical and numerical methods for modelling ultrafast physics, and first principles simulations of bio-molecules driven by extreme-ultraviolet radiation" under the scientific responsibility of Davide Sangalli

Art. 2

Duration and amount of the Grant

The research grant will have a duration of **1 year** and, following any renewals, may not however have a total duration of more than six years, as resulting from the combined provisions of art. 22, paragraph 3, of law 240/2010 and art. 6, paragraph 2 bis, of the Law of 27 February 2015 n. 11, of conversion of the DL 31 December 2014 n. 192, with the exception of the period in which the grant was received in connection with the PhD, within the maximum limit of the legal duration of the relative course.

The overall duration of the relationships established with the holder of the allowance and of fixed-term employment contracts pursuant to art. 24 of Law 240/2010, also with other state, non-state or telematic universities, as well as with the bodies referred to in art. 22, paragraph 1, of Law 240/2010, cannot in any case exceed 12 years, even if not continuous, without prejudice to the periods spent on maternity leave or for health reasons according to current legislation as well as the periods carried out before entry into force of Law 240/2010.

Any postponement of the starting date of the activity foreseen as part of the allowance for carrying out research activities, or any interruptions of the activity itself, will be allowed in case of maternity or illness for more than thirty days. The interruption of the activity foreseen as part of the assignment of the research grant that is motivated in accordance with the above provisions, involves the suspension of the disbursement of the amount of the grant for the period in which the interruption occurs, except as provided by art. 13 of the specification or other specific rules on the matter. The final deadline for the grant to carry out research activities is postponed for a period equal to the duration of the interruption.

The amount of the research fellowship, paid in deferred monthly installments, is established in euros 22.000 subtracted the costs borne by the CNR. The amount of the grant can be waived for the type of grant research grants and for the grants activated on research or research training programs, financed or co-financed by National and International Bodies, whose specific legislation lays down the determination in a mandatory manner. the amount to be paid.

The amount does not include any economic treatment for missions in Italy or abroad that may be necessary for carrying out the activities related to the research grant. The economic treatment of the mission is determined to the extent corresponding to that due to CNR employees classified at III professional level.

The grant holder is covered by a cumulative accident policy signed by the CNR.

The contractor carries out the activity in an autonomous condition, within the limits of the program prepared by the research manager, without predetermined working hours.

Art. 3 Requirements for admission to

the selection The subjects who, regardless of citizenship and age, possess the following requirements on the expiry date of the deadline for the submission of applications for admission can participate in the selection:

- a) university degree in Physics/Chemistry obtained according to the legislation in force prior to Ministerial Decree 509/99, or of the Specialized / Master's Degree (Ministerial Decree of 5 May 2004), and PhD obtained within a research area suitable for carrying out the research activities of the present research project;
- b) All qualifications obtained abroad (university degree, doctorate and any other qualifications) must, as a rule, be recognized in advance in Italy according to the legislation in force on the matter (information on the website of the Ministry of University and Scientific Research: www. miur.it). The equivalence of the aforementioned qualifications obtained abroad that have not already been recognized in Italy with the aforementioned formal procedure, will be assessed, solely for the purposes of admitting the candidate to this selection, by the selection board established pursuant to art. 6, paragraph 1 of the Disciplinary;
- c) experience in the area of art. 1 declared in the manner referred to in art. 4;
- d) knowledge of the English language;
- e) knowledge of the Italian language (only for foreign candidates)

The research grant cannot be combined with scholarships in any capacity awarded by the CNR or by other research bodies and institutions, except those granted by the CNR or national or foreign institutions useful for integrating the research activity of grant holders with stays abroad. Research grant holders can attend research doctorate courses that do not give rise to scholarships.

CNR employees with permanent or fixed-term contracts, permanent staff on duty with the other subjects referred to in art. 22, paragraph 1, of the aforementioned law no. 240/2010 and entails the placement on leave without checks for the contractor / employee serving in public administrations.

Pursuant to art. 22, paragraph 3, of the aforementioned law, the ownership of the grant is not compatible with participation in degree courses, master's or master's degree, PhD with scholarship or medical specialization, in Italy or abroad.

Art. 4

Applications for admission and procedures for submitting

APPLICATIONS FOR ADMISSION

The application for participation drawn up exclusively using the form (Annex A), must be sent to the **Instituto di Struttura della Materia**, to the Certified Electronic Mail (PEC) address: **protocollo.ism@pec.cnr.it** by **07/7/2020**. If the deadline for submitting applications falls on a public holiday, this deadline is considered extended to the first non-public holiday immediately following. Applications submitted after the deadline and those that are incomplete will not be taken into consideration. The subject of the email must include the reference to the selection notice no. **ISM/ASS/001/2020/MLIB**

Applications sent electronically and certifications pursuant to Presidential Decree 445/2000, will be considered valid if the author is identified by the IT system through the access credentials relating to the personal user of Certified Electronic Mail.

For foreign citizens, sending the application and the declarations referred to in paragraph 5 below, can be made by ordinary e-mail to the address **segreteria.personale@mlib.ism.cnr.it** Where it is not

possible to sign the application with a digital signature, the foreign candidate will validate the application by hand before the interview. The aforementioned candidates will receive an email confirming receipt of the application.

The CV must be attached to the application in self-certification form, compiled in accordance with articles 46 and 47 of Presidential Decree 445/2000 and subsequent amendments (Annex B), signed by the candidate bearing, before the handwritten signature, the express note about the awareness of the criminal sanctions in which the candidate incurs for false declarations, accompanied by a copy of a valid identification document (art. 76 DPR445 / 2000). This original document, signed with a legible signature, must be presented for identification during the interview referred to in the following art. 7, a different document cannot be presented.

In the aforementioned curriculum the candidate will indicate personal states, facts and qualities, in particular he must analytically indicate the studies completed, the qualifications obtained, the printed publications and / or patents, the services provided, the functions performed, the positions held and any other activity scientific, professional and didactic, if any, reporting the exact references of each title indicated.

The declaration indicated above must be drawn up analytically, and contain all the elements that make it usable for the selection, so that the examining commission can usefully evaluate the qualifications to which they refer. All information provided in a manner inconsistent with the methods indicated above cannot be evaluated.

The self-certifications provided for Italian citizens apply to citizens of the European Union. Non-EU citizens residing in Italy can use the substitute declarations only for cases in which it is a question of proving states, facts and personal qualities that can be certified or attested by Italian public or private subjects.

The Administration carries out suitable checks on the truthfulness of the content of the substitute declarations pursuant to art. 71 of Presidential Decree 445/2000.

Candidates with disabilities, in relation to their disability, in the application for participation in the selection must make an explicit request for the necessary aid.

The jobs that cannot be found through the network (e.g. technical reports, monographs, book chapters, patents) or, those that can be found through the network but with paid access, must be transmitted by the candidate electronically.

The candidate must not produce any further documentation in accordance with the provisions of art. 15 L. 183/2011.

Pursuant to art. 15 of Law 183/2011, it is forbidden to show public administrations and private managers of public services, certificates concerning states, facts and personal qualities which are, therefore, always replaced by substitutive declarations of certifications and deed of notoriety or (art. 46 and 47 DPR 445/2000).

The form (Annex C) must be attached to the application in PDF format, concerning the information on the processing of personal data pursuant to Regulation (EU) no. 2016/679; the aforementioned form must be completed, dated and signed by the candidate with a legible handwritten signature.

All communications relating to this competition will be sent to the PEC address of the candidates, the CNR does not assume responsibility for any network connection outages.

Art. 5 Exclusion from the selection

Candidates are admitted conditionally to the selection. The exclusion from the selection due to lack of requirements can be arranged at any time with a motivated provision by the Director of the Institute. The exclusion will be communicated to the interested party.

Art. 6 Examining CommissionExamining

The commission is appointed by provision of the director of the Institute concerned and is made up of three components, one of which must be the research manager with a researcher / technologist profile, internal or external to the Body, with the profile researchers and experts in the field and two alternate members, internal or external to the Body; the Director, if he deems it necessary to activate the equivalence procedure for qualifications obtained abroad pursuant to the last paragraph of paragraph 1 art. 3 of the Disciplinary, may appoint, among members, a university professor. Secretary functions may also be performed by a member of the Commission.

In the first meeting, the commission elects the President from among its members, and establishes, if necessary, the member who will perform the functions of secretary.

The Commission can also carry out the procedure electronically.

The Commission concludes its work within sixty days from the deadline for submitting applications, unless reasoned impossibility.

Art. 7 Selection and ranking procedures

The Examining Commission proceeds with the selection through the evaluation of qualifications and an interview. The commission has a total of 100 points, including 70 points for the evaluation of qualifications and 30 points for the interview. *(the selection notice may provide for a barrier score for admission to the interview, as well as a minimum score for passing the interview.)*

The Commission preliminarily adopts the criteria and parameters to which it intends to comply, with specific reference to the characteristics of the project of research. These criteria and parameters include the requirements required for the <u>type of competition</u>, such as possession of a degree, a PhD, specialization diplomas and certificates of attendance for post-graduate specialization courses, achieved in Italy and abroad, as well as carrying out research at public and private research bodies and institutions, with contracts, scholarships or collaborative assignments, both in Italy and abroad declared in the manner set out in art. 4.

The notice of convocation to the interview is sent to the candidates, via PEC, at least twenty days before the one in which the interview itself must be held. The convocation will indicate the score reported in the evaluation of the qualifications.

The commission will be able to carry out the interview remotely using audio / video IT media according to operating methods that will be communicated by the CNR Institute / Structure, which are in any case suitable for ensuring advertising.

At the end of the session relating to the interview, the committee forms the list of candidates examined with an indication of the score each reported in the interview itself, a list which, signed by the President and the Secretary of the commission, is posted on the same day on the register of the exam venue.

To be admitted to the interview, candidates must present a valid personal identity document. Candidates who do not come to take the interview on the set day will be declared lapsed from the selection.

At the end of the work, the commission draws up a report in which reasoned judgments are expressed, also in summary form on each candidate.

The commission forms the merit ranking in descending order of the final score obtained by each one based on the sum of the scores achieved in the evaluation of the qualifications and the interview and indicates the winner (s). With the same score, the younger candidate is preferred.

The merit ranking will be approved by provision of the Director of the Institute, and will be published by the Director the same, by posting on the exam register, on the CNR website: <u>www.urp.cnr.it</u> and with the other forms of advertising provided for this selection notice.

All participants in the selection will be informed of the outcome of the selection by communication sent with PEC.

The inclusion of suitable candidates in the ranking is not allowed. However, the Director of the Institute, after hearing the research manager, can replace one or more winners, who renounce the grant before using it, according to the order of merit ranking.

The National Research Council does not provide for reimbursement of any costs incurred by candidates for participation in the interview.

Art. 8

Formalization of the relationship and termination of the contract

Within 15 days since the publication of the ranking, the Director of the Institute the interested party must send to the winner / s of the selection, in duplicate, the provision for the award of the research grant, which will also indicate the starting date of the research activity. Within the peremptory term of 15 days from the date of receipt of the aforementioned communication, under penalty of forfeiture, the winner / s of the selection must / must return a copy of the aforementioned deed of transfer, countersigned for acceptance together with a declaration of not being in any of the impedimental conditions referred to in art.3, paragraph 3,4,5 and art. 4 c. 2.3 of the Disciplinary. Any delays in starting the research activity can be justified only for the cases provided for by art. 2 of this selection notice or for reasons of force majeure duly proven.

The contractor must send to the director of the Institute for PEC, within thirty days from the date of acceptance of the grant, the following documentation drawn up in accordance with the provisions of Presidential Decree 445/2000:

- a) self-certification attesting date and place of birth, citizenship, enjoyment political rights, educational qualification;
- b) substitutive declaration of the deed of notoriety, in plain paper, of not having other public employment relationships, of not having been dismissed or dispensed from employment by a Public Administration for persistent and insufficient performance and not having been declared lapsed from other state employment, for having obtained the employment through the production of false documents or spoiled by irremediable invalidity, as well as not having been banned from public offices on the basis of a final judgment;
- c) photocopy of the tax ID card;
- d) In the event that the research fellow is employed by a Public Administration, before starting the research activity, he / she must submit a substitute declaration in self-certification relating to the placement on leave without grants.

The documents issued by the competent authorities of the State of which the foreigner is a citizen must comply with the provisions in force in the same State.

The grant holder who, after starting the planned activity, does not continue it without justified reason, regularly and uninterruptedly for the entire duration, or who is responsible for serious or repeated shortcomings or who, finally, proves that he does not possess sufficient attitude, can be declared lapsed, with motivated provision of the Director of the Institute, from the further use of the grant.

The measure referred to in the previous paragraph will be taken on the proposal of the Research Manager. If, for personal reasons, the grant holder cannot complete the planned activity and therefore renounces the grant in advance, he must promptly notify the Director of the Institute and the Research Manager. It remains understood, in this case, that the holder of the grant will have to return the sums eventually received and not due.

Art. 9

Evaluation of the research activity

The manager and the research fellow transmit to the Director of the Institute, before the contract expires, a documented report showing the progress of the research.

The Director will evaluate the report with a reasoned and unquestionable judgment. In the event of a positive evaluation, and at the request of the research manager, the Director will express his opinion on the renewal of the grant and on the possible assignment of the immediately higher amount within the type of grant referred to in this selection notice. (Art. 9 c. 5 of the Disciplinary)

Art. 10

Treatment of personal data

The data provided by the candidates are processed for the purposes of managing this selection notice including the possible use of rankings and for the subsequent possible conferment of the grant, as specifically indicated in the information contained in the form in Annex C).

The data will be processed by the National Research Council - Piazzale Aldo Moro n. 7 - 00185 Rome as Data Controller, in accordance with Regulation (EU) no. 2016/679 and Legislative Decree 196/2003. The contact point at the Data Controller is the Manager / Director of the structure that issued the selection notice whose contact details are: institutional email of the structure - physical address of the Institute.

The provision of data is mandatory for the purpose of assessing the participation requirements, under penalty of exclusion from the selection.

The interested party enjoys the rights referred to in articles 15 and following of Regulation (EU) 2016/679, as specified in the information contained in the form (attachment C), pursuant to art. 4 of this selection notice, which can be exercised in the ways indicated in the form itself.

Art. 11 Advertising

The selection notice is made public, by the Director of the Institute, by posting on the register of the Institute concerned, as well as by publication on the CNR website <u>www.urp.enr.it</u> and MIUR which will publish it further on the European Union website, in addition to particular forms of advertising expressly requested by the funders of the programs.

Art. 12 Final provisions

Although not explicitly provided for in this notice, for the compatible parts, the provisions of the

Disciplinary currently in force, relating to the awarding of grants for carrying out research activities, as well as, as far as compatible, the current legislation on public competitions.

THE DIRECTOR

To the Director of the Institute

$\frac{1}{(SI)}$	undersigned_ IRNAME - for	women indicate the	maiden name) (Name)			
			,	(i tuille)			
				Birth Day			
	Present address						
		Email .					
PE	C address:						
qua wit unc to	lifications and hin the program der the scientifi	c responsibility of Pr out at the he	onferment of r	n° grant / s for	carrying ou	it research activities	5
		ndersigned declares u		responsibility:			
	of having obt	ained the degree (or	equivalent for	eign qualification *) in	or	i
3)	to have o	at the University obtained the title	e of PhD	with (or equivalent _ at the University	foreign	qualification) in	l
4)	not to have r	on eported criminal cor se, indicate which).	nvictions and	not to have pending	g criminal	proceedings against	Ļ
5)	to have / not types of emp	used other research ployment relationsh	ips referred t				
The 1)		attaches to this applic claration of certific		ed of notoriety pu	irsuant to	art. 46 and 47 of	F
,		Decree 445/2000 an					

(attachment B) certifying the truthfulness of the content of the Curriculum vitae et studiorum;

2) list of jobs sent by the candidate electronically pursuant to art. 4 of the call.

Place and date

SIGNATURE

* - If the qualification has been obtained abroad, appropriate documentation certifying the equivalence with a qualification issued in Italy must be presented, according to the provisions of art. 3, point d) of this notice

SUBSTITUTE DECLARATIONS OF CERTIFICATIONS (art. 46 DPR n. 445/2000)

SUBSTITUTIVE DECLARATIONS OF THE DEED OF NOTORIETY (art. 47 DPR n. 445/2000)

..l ... signed ...

SURNAME_

(for women indicate the surname maiden)

NAME _____

BIRTH PLACE: _____ BIRTH DAY: _____

CURRENT ADDRESS:

EMAIL_____

Given the DPR 28 December 2000, n. 445 concerning "TU of the legislative and regulatory provisions on administrative documentation" and subsequent amendments and additions;

Having regard to Law 12 November 2011, n. 183 and in particular art. 15 concerning the new provisions on certificates and substitute declarations (*);

Aware that, pursuant to article 76 of Presidential Decree 445/2000, false declarations, falsehood in the documents and the use of false documents are punished according to the Criminal Code and special laws in force on the matter, declares under its own responsabilità:

that what is stated in the following curriculum vitae et studiorum including information on scientific production is true

Curriculum vitae et studiorum attached

SIGNATURE (**)

.....

(*) pursuant to art. 15, paragraph 1 of Law 12/11/2011, n. 183 the certifications issued by the PA regarding states, personal qualities and facts are valid and usable only in relations between private individuals; in relations with the Bodies of the Public Administration and the managers of public services, the certificates are always replaced by the substitute declarations of certification or by the deed of notoriety referred to in articles 46 and 47 of Presidential Decree 445/2000

NB:

1) Date and sign all the pages that make up the declaration.

2) Attach a photocopy of a valid identity document to the declaration.

3) The information provided with the substitute declaration must be correctly identified with the individual reference elements (example: date, protocol, title of publication, etc.).

4) The CNR, pursuant to art. 71 and for the effects of articles 75 and 76 of Presidential Decree 445 of 28/12/2000 and subsequent amendments and additions, checks the veracity of the substitute declarations.

5) The legislation on substitute declarations applies to Italian and European Union citizens.

6) Citizens of non-EU states, legally residing in Italy, can use the substitute declarations referred to in articles 46 and 47 of Presidential Decree 445 of 28.12.2000 limited to states, personal qualities and facts certifiable or certifiable by Italian public subjects, without prejudice to the special provisions contained in the laws and regulations concerning the immigration discipline and the condition of the foreigner.

Except for the above cases, citizens of non-EU states authorized to reside in the territory of the state can use the substitute declarations in cases where the production of the same takes place in application of international conventions between Italy and the country of origin of the declarant.

INFORMATION ON THE PROCESSING OF PERSONAL DATA RENDERED PURSUANT TO ART. 13 OF EU REGULATION 2016/679

Pursuant to art. 13 of the aforementioned Regulation, we inform you that: Your

- 1) personal data will be processed for the following purposes: carrying out the selective procedure, including the possible use of rankings and for the subsequent eventual assignment of the grant, for the execution of the tasks of interest public or otherwise connected to the exercise of public powers entrusted to the National Research Council. The data will be processed for the time necessary for the selection and, in the event of the assignment of the grant, for the entire period in which the relationship established with the holder of the grant takes place and, after termination, for the possible fulfillment of the obligations of law in accordance with current regulations on the conservation of administrative documents.
- 2) The data will be processed in digital and analogical form, with organization and processing methods related to the purposes indicated above and, in any case, in order to guarantee its security and confidentiality.
- 3) The provision of data is mandatory for the completion of the selective procedure; any refusal to provide such data implies the lack of opportunity to participate in the procedure itself.
- 4) For the achievement of the aforementioned purposes, the Director / Manager of the Structure that issued the selection notice, the person in charge of the procedure, the personnel in charge of managing the different phases of the procedure, the components may become aware of the data in question of the examining commission and the secretary.
- 5) The Data Controller is: the National Research Council Piazzale Aldo Moro n. 7 00185 Rome PEC: <u>protocol-ammcen@pec.cnr.it</u>, whose contact point is indicated in article 10 of the selection notice, entitled "Treatment of personal data".
- 6) The contact details of the Data Protection Officer are: E-mail: <u>rpd@cnr.it</u>; PEC: <u>protocol-ammcen@pec.cnr.it</u> at the National Research Council Piazzale Aldo Moro n. 7 00185 Rome.
- 7) The final merit ranking will be published in the manner indicated in art. 7 of the selection notice, entitled "Selection and ranking methods".
- 8) The following information of the winning candidate will also be disclosed on the CNR website in the "Transparent Administration" section pursuant to and for the purposes of Article 15 paragraph 1 of Legislative Decree No. 33/2013: a) the details of the deed of assignment of the grant; b) the curriculum vitae presented by the candidate; c) the fees, however named, relating to the research grant.
- 9) At the end of the selection procedure, within the limits relevant to the purposes indicated above, the data of the candidate may be communicated to third parties, in accordance with the obligations established by laws, regulations, national and community legislation, as well as by provisions imparted by authorities legitimized by supervisory and control bodies, pursuant to art.6 of Reg. EU 2016/679.
- 10) As an interested party, the candidate has the right to ask the Data Controller for access to

personal data concerning him and to exercise the rights referred to in articles 15 and following of the Regulation (EU) 2016/679, including requesting the rectification or cancellation of the same or the limitation of the treatment or to oppose the treatment by submitting a specific request to the contact referred to in the previous point 5.met

11) As an interested party, if the conditions are, the candidate can lodge a complaint to the Guarantor for the protection of personal data as supervisory authority according to the procedures provided.

Name and Surname						
Birth Place	Birth Day					
D 11						

Date and signature