



**DEPARTMENT OF MATHEMATICS
SAPIENZA UNIVERSITA' DI ROMA**

**SELECTION PROCEDURE FOR ONE TEMPORARY RESEARCH ASSOCIATE POSITION
("Assegno di Ricerca") CAT. B TYPE I**

SELECTION PROCEDURE N. 8/2015

PROT. 662/VII/1 DEL 18/11/2015

THE DIRECTOR

GIVEN Law 09.05.1989, n. 168;

GIVEN Law 30.12.2010 n. 240 and in particular article 22;

GIVEN Law 27.02.2015 n.11 and in particular article 6 paragraph 2-bis;

GIVEN the University Statute;

GIVEN the regulations for assigning temporary research associate positions ("assegni di ricerca") laid down in D.R. n. 3160 dated 05.10.2015;

GIVEN. D.M. n. 102 dated 09.03.2011 fixing the amount € 19.367,00, excluding the costs to be paid by the Administration, as annual minimum gross salary for temporary research associate positions ("assegni di ricerca"), granted according to Law 240/2010;

GIVEN the decrees of the Academic Senate and of Board of Directors of 12.04.2011 and of 19.04.2011, respectively;

GIVEN the resolution of the Department Council of 28.10.2015;

VERIFIED availability of funds PRIN 2012 which is responsible Prof. M. Pulvirenti.

ANNOUNCES

Art. 1

(Research project)

There will be a public selection procedure based on qualifications and interview for the assignment of 1 temporary research associate position ("assegno di ricerca di categoria B") - Typology I - for a period of 1 years.

Research project: "Mathematical problems of crystalline solids" Scientific sector MAT/07 to be performed in the Department of Mathematics of Sapienza – University of Rome.

Art. 2

(Duration, renewal and salary of the research associate position "assegno di ricerca")



The contract will be for a period of 1 years and is renewable with the same subject, as stated in art. 22, par. 3, of Law 240/2010. The overall period of the contract, including possible renewals, cannot in any case be longer than 6 years, according to art. 6, par. 32-bis of Law 11/2015, excluding periods coincident with the Ph.D. Studies, the latter for a period not exceeding the legal duration of the corresponding study program.

The gross salary is € 19.367,00 per year, and will be paid in monthly instalments.

The payments are subject to the fiscal conditions of art. 4 of Law 476/1984 and subsequent modifications and integrations, as well as to art. 2, par. 26 and subsequent ones of Law 335/1995 and subsequent modifications.

Regarding mandatory maternity leave, the conditions of the Ministry of Labor Decree dated 12.07.2007 – G.U. n. 247 of 23.10.2007 will be applied. Sick leave will be governed by art. 1, par. 788 of Law 296/2006 and subsequent modifications.

The Department guarantees equal rights and opportunities for men and women for the contracts and the protection of personal data privacy according to current legislation.

Art. 3

(General Requirements)

Candidates are admitted to the evaluation procedure whenever they have a Master Degree either in Mathematics or Physics, and a scientific curriculum compatible with the research activities they are supposed to perform, with the exclusion of those subjects mentioned in the article 22, comma 1, of the Italian Law 240/2010.

Applicants with foreign academic qualification must be in possession of a qualification recognized as equivalent in accordance with international agreements. This equivalence should be demonstrated by suitable certification issued by the competent authorities.

Alternatively qualifications obtained abroad that are not considered equivalent, according to the current legislation, will be evaluated by the selection committee only for the aims of this selection and should be translated, legally certified and have a declaration of value issued by the appropriate Italian diplomatic Authorities and attached to the application, also as photocopies.

Candidates should have these requisites before the deadline of the submission of the applications.



The admission of candidates to the possible interview takes place on the basis of the statement made by the candidates about the possession of requirements.

The assessment of the requirements may be made at any stage of the proceedings.

The verification of non-possession of even one of the prescribed requirements will result in the loss of the right to the position.

Art. 4

(Applications and deadlines)

The application form, on plain paper, should follow the structure of **Appendix A**, be dated and signed by the applicant, and sent **07/12/2015** following the guidelines given in this document, otherwise the candidate would be excluded by the selection procedure.

.pdf documents must be collected and compressed in a .zip folder. Since the mail server of the Department of Mathematics does not accept attachments whit size bigger than 15Mb, just in case the .zip folder were bigger than that size, the documents must be collected in more than one single .zip folder, and more than one e-mail must be sent to the above address, after suitably enumerating.

Candidates must indicate in the application form an e-mail address to which all communications will be sent, in this unique form. Any change of the address should be immediately communicated to the Department of Mathematics by sending an e-mail to assegni@mat.uniroma1.it.

The Department of Mathematics will not take any responsibility if the candidate were not reachable or for late or lost mail due to changes of the e-mail address, late of wrong communication of the e-mail address by the candidate.

Appendix A below is a “fac-simile” of the application form (suggested name: *surname_name.pdf*).

Applicants must state, under their own responsibility and liability:

- surname and name;
- date and place of birth;
- residence;



- citizenship;
- possession of political rights;
- a declaration that the candidate does not have any criminal record nor is currently under any criminal prosecution; should there be a criminal record or prosecution, the candidate must report it, together with the date of any sentence passed and the legal authority that passed it;
- possession of Master degree with the date and the University that granted the degree;
- equivalence of the titles, if obtained abroad/declaration of value of qualifications if not considered equivalent;
- possession of scientific - professional curriculum suitable for the conduct of research.
- do not have a gross annual taxable income from employment greater than € 16,000.00, as defined in art. 49 of the Consolidated Tax Act - Title I, Chapter IV;
- not to be the recipient any other fellowship of any sort or that I am prepared to renounce to such grant should I be selected in this procedure; not to be enrolled in any degree course, Master course, PhD school or specialization school with a fellowship in Italy or abroad, in University post-graduate Masters;
- not to be a member of staff of bodies listed in art. 22, comma 1, of Law 240/2010;
- present working position (indicating whether for public or private employer);
- Not to be a relative of any Professor of the Mathematics Department (up to 4th degree included) or of the Rector, General Director or any member of the Administrative Council of the University.

The application must include, if this is the case, a declaration of the enrolment in a Ph.D. School without grant and/or of any activity performed as “assegnista di ricerca” (Appendix B: suggested name: *surname_B.pdf*), a photocopy of an identification document and everything listed in art. 5 of this document.

The Department of Mathematics, after three months of the examination, reserves the right not to store the material submitted, with the exception of the request for participation.

**Art. 5
(Qualifications and CV)**



In the application, candidates must include the following qualification items, in the same structure as in Appendix C below (suggested name: *surname_C_master, PhD etc.*):

- certificate of their Master degree with the final grade and with the grades of the individual exams;
- documents and qualifications deemed useful for the selection procedure (grants, research positions in Italy and abroad, invitations to conferences, list of conferences and talks given both in Italy or abroad, etc.);
- curriculum of their scientific and professional activity dated and duly signed (suggested name: *surname_CV.pdf*);
- eventually scientific publications and other research results (suggested name: *surname_pubbl_progressivenumber.pdf*).

With reference to the publications considered relevant for this selection procedure, candidates must include a declaration (suggested name *surname_DS_progressivenumber.pdf*), in substitution of a notarial act, certifying that the copies are in conformity with the originals, according to art. 47 of D.P.R. n. 445, dated 28.12.2000.

Titles/qualifications written in a foreign language must be presented with a translation in Italian that must be certified by the competent Authority as being in conformity with the original text. No such certified translation is required for titles/qualifications written in English, French, and Spanish.

As stated by the modifications introduced by art. 15, par. 1 of Law n. 183 of 12.11.2011 to the discipline of certificates and declarations in substitution of notarial acts, contained in the D.P.R. 445/2000, Public Administrations cannot either request nor accept acts or certificates containing informations which the P.A. Is already in possess of. Therefore, only the declarations in substitution of certifications and/or notarial acts which are stated according to articles 46 and 47 of the D.P.R. 445/2000 have value and can be accepted.

All modes of self-certification requirements apply equally to Italian citizens and citizens of the European Union (article 3 of D.P.R. 445/2000).



Citizens non-EU legally residing in Italy, they can use the affidavits referred to in Articles 46 and 47 were limited to personal qualities and facts certifiable by Italian public entities, subject to the special provisions in laws and regulations governing immigration and the status of aliens.

Art. 6

(Selection procedure)

The Committee will decide how to assign the scores in percent; the scoring system adds up to 100/100, and will take into account, appropriately weighted:

- Ph.D or equivalent Degree
- Publications and other research results
- Other activities carried out under contract, study grants or posts within National or International Research Agencies; the dates and periods of service must be certified in detail as well as the activity conducted
- Interview

The assessment of qualifications and publications will be a first selection of candidates for interview.

The committee will establish the minimum score of the evaluation of the qualifications listed above that will be admitted to the interview.

The results of the assessment of the qualifications and the list of candidates to interview will be made known to the candidates by posting them on the notice-board and on the website of the Department of Mathematics.

Art. 7

(Interview)

The selection procedure includes an interview on the research activity as described in the research statement (specified in art.1 of the present position call).

Notification of the interview will be given to individual candidates using the e-mail address provided in the application or by registered post at least 20 days before the interview, unless written withdrawal from the selection is given by candidates.



The notice will be sent to the address indicated competitors in the application form. The interview, subject to the guarantee of transparency of procedures, will be held in a public lecture room or electronically (tele-videoconferencing).

At the candidate's request, the interview will be held via Skype, in order to let candidates not in Rome to participate.

The candidates admitted to the interview, upon a request by the committee sent to the email address entered on the application form, must provide their Skype contact. for the interview, candidates will have to show a valid passport of

Art. 8 (Committee)

The examining Committee will be nominated by the Director of the Department of Mathematics, proposed by the responsible of the funds, being approved by the Department Council, after the deadline of the application. The Committee will consist of three member: a full Professor, who will act as President and two members selected from the "Sapienza" Professors or Researchers (also fixed terms) or Researchers from Research Institutes having an official agreement with the Sapienza University. One of these will act as the Secretary of the committee.

The decision of the Committee is final.

Art. 9 (Procedure results)

The Committee, in the first meeting, will establish the criteria to be used for the evaluation and scoring of the qualifications and of the interview, formally ratifying them in a report.

The Committee compose the ranking in decreasing order, summing up the scores of qualifications and of scientific publications and of the interview. The ranking will list in the final marks for each candidate in decreasing order. The ranking will be used in the case in which the first candidate of the list will not accept the position or will resign; in this case, the position will be offered to the next ranked eligible candidate.

The Director of the Department approves with his own disposition the results of the selection procedure, which will be publicized on the websites of the Department of Mathematics and of the University.



A) The Director, in a first communications, sent to the email address specified by the winner candidate, informs him/her of the results established by the Committee. From this moment on, the period of 5 days which art. 10, second paragraph below, is concerned with, starts.

B) In a second email, the Director communicates the date in which the contract starts. The winner, according with the obligations stated by art. 10, second paragraph, declares his/her acceptance to start with the contract in the date indicated, and in any case, if requested, within 180 days since the date of the first communication.

Candidates who will not declare their acceptance of the contract or who will not start their activity within the established deadline, as specified in this document, will be disqualified.

Requests of delaying the beginning of the contract will only be accepted when due to certificate health problems, obligatory maternity leave or by proven "force majeure".

Art. 10

(The Temporary Research Associate Contract - "Assegno di Ricerca")

The temporary research associate position - "assegno di ricerca" will take form of a temporary contract drawn up under civil law. This temporary, fixed-term contract does not, in any way, represent a permanent contract of dependent work and does not give any right to permanent positions within the University

According to article 46 of D.P.R. 28.12.2000, n. 445, the winning candidate must produce, within 5 days of being notified of the granted "assegno di ricerca", a declaration on plain paper, stating:

- a) date and place of birth
- b) citizenship
- c) possession of political rights in his/her country;
- d) freedom from any criminal convictions or current criminal proceedings.

Regarding points b) and c), the declaration must indicate that the candidate had the requisites already at the date of the application deadline for the selection process.

The Administration reserves, according to articles 43, par. 5, 71 and 72 of D.P.R. 28.12.2000, n. 445, and to the modifications given by art. 15 of Law 183/2011, the right to verify the truth and authenticity of the titles and qualifications produced by declarations in substitution of notarial acts, according to articles 46 and 47 of D.P.R. 445/2000. In case of false declarations, the proceedings laid down in art. 75 and 76 of D.P.R. 28.12.2000, n. 445.



It requires the candidate, who will be the winner, send a curriculum vitae (pdf. text format) which should be removed from all the information related to personal and / or sensitive information will be reported and where the only telephone contacts and e-mail addresses professional. This document will be used for the publication on the websites of the University and of the Department in accordance with Legislative Decree 33/2013 in accordance with art. 1, paragraph 35 Law 190/2012.

The winner must also comply with the requirements described in the University Regulations, for awarding temporary research associate positions - "assegni di ricerca". A copy of the D.R. in which the above mentioned regulations are issued will be provided to the winner.

Art. 11

(Rights and duties)

Grantees must carry out their research activity within the research programs approved by the Department to which they belong; their duties should be related to research and not be limited to technical support. Grantees can collaborate to research activities of students who are working on their Master thesis; can participate to seminars and practices for students and be part of exam committees as experts.

To perform their research activities, grantees can take advantage of the instrumentations of the Department where they work and of all the services available to researchers according to the current legislature and to the Department rules.

If explicitly authorized by the Scientific Principal Investigator to travel, the grantee will be reimbursed expenses according to the current legislature.

Grantees are required to provide the Department where they work with a written yearly report of their research activity, together with a written evaluation of their activities by the Scientific Principal Investigator.

The research activity can be partially performed in a different University or Research Institution in Italy or abroad, provided this is coherent with the program and objectives of the assigned research activities; the period abroad must be explicitly authorized by the Department in advance, following a motivated request by the Scientific Principal Investigator.

Art. 12

(Incompatibility)



The temporary research can not be combined with a taxable income Gross annual salaried employment, as defined by art. 49 of TUIR- Title I, Chapter IV, more than € 16,000.00.

The temporary research associate position - “assegno di ricerca” cannot be combined with other grants or fellowships intended for similar purposes, with the exception of those assigned by national or foreign institutes to integrate, during stages abroad, the research activity of the selected candidate.

Grantees cannot enrol in Degree Courses, Master Degrees, Ph.D. Or specialization schools with fellowships, in Italy or abroad, University post-graduate Masters.

The temporary research associate position “assegno di ricerca” can be granted to Public employees, if they are on unpaid leave during the period of the contract.

The temporary research associate position “assegno di ricerca” is personal. The selected candidates can conduct free.lance work, provided that written notice is given to the Department in advance and that the activity is recognized by the Department as compatible with the funded research activity; that there is no conflict of interest with the specific research carried out by the selected candidate for the University; that the University reputation is safeguarded at all times. The Responsible Scientist and the selected candidate must declare that they do not have a professional relationship.

Provided that the funded research activity is guaranteed, and in agreement with the Department, if authorized by the Scientific Responsible, the grantees can take part in research and consultancy work for third parties on behalf of the Sapienza University, and can be entitled to related gains according to the regulations governing such work; they can in addition take part to activities of communitarian and international programs, and therefore take advantage of related gains, according to the legislation in this matter.

Grantees who want to work or continuing working in unpaid activities in voluntary associations or non-profit cooperatives or cultural Institutions can do so, provided that they comply with all their research duties.

The activity is suspended in case of obligatory leave for maternity, parental leave and illness and it can be extended, according to the current legislation. Authorized leave periods shorter than 30 days in a year are not considered suspensions.

Art. 13
(Contract resolution)



A procedure for resolution of the contract of a grantee is started when, after having started his/her activity, does not continue it regularly and without interruptions for the whole period without justified motivation, or who will be responsible of severe failure or defaults. The procedure is initiated following the request of the Scientific Principal Investigator and approved by the Department Council.

Causes for resolution of a contract are:

- failure to start the activities or unjustified delay in starting them;
- unjustified suspension of the activity for a period which jeopardizes the research program;
- violation of the incompatibility rules as stated in art. 6 if repeated after a first warning;
- negative evaluation of the Department Council or of the Administrative and managerial body of the same Department.

Art. 14

(Making the selection procedure public, and publication of the final rules)

This selection procedure will be made public by posting it on the notice board of the Department of Mathematics, as well as on the Department website, and on the websites of the University, of the MIUR and of the European Community.

What is not explicitly stated in this notification is regulated by current laws.

Under Article. 13 of the law. 196/2003, Sapienza owns the processing of the data and the same treatment will be made in respect of the aforementioned D.Lgs. 196/2003 for the purpose of satisfying the requirements of publication in art. 15 of D.Lgs. 33/2013.

Rome,18/11/2015

THE DIRECTOR OF THE DEPARTMENT
Prof. Emanuele Caglioti



APPENDIX A

EXAMPLE OF THE APPLICATION TO BE SENT ON PLAIN PAPER BY E-MAIL

REMARK: THE SUBJECT OF THE EMAIL HAS TO CONTAIN THE FOLLOWING: "CONCORSO PER ASSEGNO DI RICERCA – BANDO 8/2015"

TO THE DIRECTOR OF THE DEPARTMENT OF MATHEMATICS

I, the undersigned, born in, state on, resident in Street ZIP code asks to take part in the selection procedure, via qualifications and interview, for the temporary research associate position - "Assegno di Ricerca" with the following research Project: "-----", Scientific Sector MAT/07 in the Department of Mathematics of University of Rome SAPIENZA, Selection Procedure n. 8/2015, publicized on

To this end, according to articles 46 and 47 of D.P.R. n. 445, dated 28.12.2000, and being fully aware that false declarations are punished under Criminal Law and by specific laws, I declare that I:

- 1) am a citizen ofand am in possess of political rights;
- 2) have no criminal convictions and am not involved in current criminal proceedings; OR have a criminal conviction for from dated OR being involved in current criminal proceedings;
- 3) graduated in (Master degree) (Univ.)on
- 4) am in possess of the appropriate scientific and professional curriculum to perform the research activity;
- 5) do not have a gross annual taxable income from employment greater than € 16,000.00, as defined in art. 49 of the Consolidated Tax Act - Title I, Chapter IV;
- 6) am not the recipient of any other fellowship of any sort or that I am prepared to renounce to such grant should I be selected in this procedure; am not enrolled in any degree course, Master course, Ph.D. School or specialization school with a fellowship in Italy or abroad, in University post-graduate Masters;
- 7) am not a member of the staff of any of the subjects listed in art. 22, par. 1, of Law 240/2010;
- 8) work asat (indicate employer, specifying whether public or private);



9) not to be a relative of any Professor of the of Mathematics Department (up to 4th degree included) or of the Rector, General Director, or any member of the Administrative Council of the University;

10) want to receive notifications regarding this selection procedure at the following e-mail address:
.....

I, the undersigned, include in this application, in .pdf format:

- 1) copy of an identification document;
- 2) declaration of enrolment in a Ph.D. Program without fellowship and/or activity as “assegnista di ricerca”, when this is the case;
- 3) substitutive declaration of certification or notarial act of my Master degree with the place and date in which it has been obtained;
- 4) documents and scientific qualifications which are considered to be useful to the aim of this selection procedure (study grants, research positions in Italy or abroad, invitations to conferences, list of conferences and seminars performed in Italy or abroad, etc.);
- 5) a curriculum of my scientific and professional activity, dated and signed;
- 6) scientific publications and other research results.

In addition, I declare to be informed, according to D. Lgs. n. 196/2003, that my personal information will be handled, also via electronic storage, and the processing, exclusively for the purposes for which this declaration has been made and the publication of such data will be in agreement with the dispositions of the art 15 c. 1, section C) of the Legislative Decree n. 33/2013.

Date Signed

(not requiring authenticity certificate, art. 39 of D.P.R. 28.21.2000 n. 445).



APPENDIX B

**SUBSTITUTIVE DECLARATION OF CERTIFICATION
(ART. 46 OF D.P.R. N. 445, DATED 28.12.2000)**

I, the undersigned born on
in (state) Country
..... tax identification code, aware of the
penal sanctions in the case of false declarations and false documents, art. 76 of D.P.R. n. 445, dated
28.12.2000 and according to art. 22 of Law 240/2010

DECLARE

to be enrolled in the Ph.D. Program without fellowship from to
.....
(total months/years) by
.....

to have received the following temporary research associate positions "assegni di ricerca", according
to art. 22 of Law 240/2010:

from to (total months/years
.....)by.....

from to (total months/years
.....)by.....

from to (total months/years
.....)by.....

that I have never received temporary research associate positions "assegni di ricerca", according to
art. 22 of Law 240/2010.

to have been Research Assistant (fixed term), according to art. 24 of Law 240/2010:

from to (total months/years
.....)by.....

from to (total months/years
.....)by.....

that I have never been Research Assistant (fixed term), according to art. 24 of Law 240/2010

Indicate leave or absence periods for maternity leave or illness according to the current legislature:

.....

In addition, I declare to be informed, according to D. Lgs. n. 196/2003, that my personal information will be handled, also via
electronic storage, and the processing, exclusively for the purposes for which this declaration has been made and the publication of
such data will be in agreement with the dispositions of the art 15 c. 1, section C) of the Legislative Decree n. 33/2013.

Place and date (SIGNATURE)



APPENDIX C

SUBSTITUTIVE DECLARATION

(given according and with the consequences of D.P.R. Of the 28th of December of 2000, n. 445)

(to be included to the application form according to art. 5 of the announcement of the selection procedure)

I, the undersigned Dr, born on in..... (state)
Country.....

being aware that, according to articles 75 and 76 of D.P.R. 28.12.2000 n. 445, in case of false declarations, false acts or use of false acts, will incur in the penal sanctions and there will immediately be the resolution of the temporary research associate position - "assegno di ricerca",

DECLARE

that I hold the title ofin.....,obtained by.....on(indicate the title/titles required according to what is request in the announcement of the selection procedure or to be in possess of academic title obtained abroad and considered equivalent)

2) that I hold the following additional study and professional titles/qualifications (indicate the necessary data for a possible verification by the structure):

3) that the photocopies corresponding to the following titles are conformal to the original documents (to be filled just in case that photocopies of original titles are included in the application form)

.....
.....
.....

In addition, I declare to be informed, according to D. Lgs. n. 196/2003, that my personal information will be handled, also via electronic storage, and the processing, exclusively for the purposes for which this declaration has been made and the publication of such data will be in agreement with the dispositions of the art 15 c. 1, section C) of the Legislative Decree n. 33/2013.

Place and date (SIGNATURE)

(a not authenticated photocopy of the identity document of the applicant is included)