



UNIONE EUROPEA
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Ministero dell'Istruzione,
dell'Università e della Ricerca



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA

AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI

D.R. Rep. n. 1039 – 2019 Prot. n. 55247 del 09.10.2019 – Allegati: 2
Anno 2019 – tit. VII cl. 1 fasc. 51

THE RECTOR

Having regard to Italian Law 168, 9 May 1989 establishing the Ministry of Higher Education, Scientific Research and Technology;

Having regard to Italian Law n. 240, 30 December 2010, “Norms regarding the organization of Universities, academic personnel and recruitment, as well as mandating the Government to provide incentives for quality and efficiency of the University system”, and in particular Art. 24, Art. 22, paragraph 9, and Art. 29, paragraph 5;

Having regard to Italian Law n. 241, 7 August 1990, as amended and supplemented, concerning administrative procedures and the right to access administrative documents;

Having regard to Law n. 183, 12 November 2011 (*Legge di Stabilità 2012*) and in particular Art. 15 regarding certifications and declarations;

Having regard to Italian Law n. 106, 15 April, 2004 and Presidential Decree n. 252, 3 May 2006, containing norms relating to depositing documents of cultural interest for public use;

Having regard to Law n. 232, 11 December 2016 (*Legge di Stabilità 2017*);

Having regard to Law n. 205, 27 December 2017 (*Legge di Stabilità 2018*);

Having regard to Law n. 145, 30 December 2018 concerning the “Estimated budget for the financial year 2019 and the multiannual budget for the three-year period 2019-2021;

Having regard to Leg. Decree n. 165, 30 March 2001, as amended and supplemented, in particular Articles 35, 35bis, 36, 37, 38 and 57;

Having regard to Presidential Decree 445, 28 December 2000, containing regulations concerning administrative documentation (*Testo Unico*);

Having regard to Leg. Decree n. 196, 30 June 2003 and Leg. Decree n. 101, 10 August 2018, implementing the UE Regulation n. 679/2016 regarding personal data protection;

Having regard to Leg. Decree n. 82/2005 “Digital Administration Code”, as amended and supplemented;

Having regard to Leg. Decree n. 198, 11 April 2006, “Equal Opportunities for Men and Women”;

Having regard to Leg. Decree n. 49, 29 March 2012 for disciplining the programming, monitoring and assessment of budget management and recruiting policies adopted by universities;

Having regard to Leg. Decree n. 5, 09 February 2012 converted into Law n. 35, 04 April 2012, “Urgent Dispositions as to Simplification and Development”;

Having regard to Presidential Decree n. 62, 16 April 2013, “Civil Servants’ Behaviour Code”

Having regard to Leg. Decree n. 33, 14 March 2013, “Restructuring the sphere of advertising, transparency and dissemination of information by Public Administrations”, as amended and supplemented;

Having regard to Ministerial Decree n. 243, 25 May 2011, concerning criteria and parameters for preliminary assessment of public selection candidates, recipients of contracts as indicated in Art. 24, paragraph 2, letter c) of Italian Law n. 240, 30 December 2010;

Having regard to Ministerial Decree n. 159, 12 June 2012, on the determination of competition areas, grouped into competition macro-areas;

Having regard to Ministerial Decree n. 855, 30 October 2015, redetermining macro-sectors and competition sectors;

Having regard to the Statute of the University of L’Aquila, established by the Rector’s Decree n. 36-2017, 20 February 2017, entered into force as of 9 March, 2017;

Having regard to the University of L’Aquila’s Code of Ethics established by the Rector’s Decree n. 1154-2011, 29 July 2011;



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AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI

Having regard to the University of L'Aquila's Code of Behaviour established by the Rector's Decree n. 210-2014, 3 March 2014;

Having regard to the University's Regulations as to recruitment of fixed-term university Researchers established by Rector's Decree n. 621-2012, 05 April 2012 as modified by Rector's Decree n. 860-2013, 05 June 2013, by Rector's Decree n. 1490-2015, 29 October 2015, and lastly by Rector's Decree n. 225-2019, 1 April 2019;

Having regard to the University's Regulations as to assignation of teaching duties to professors and researchers established by Rector's Decree n. 915-2017, 19 December 2017;

Having regard to the resolutions by the University Academic Bodies concerning staff planning and distribution of resources for recruiting First and Second Tier Professors and Researchers;

Having regard to MIUR Directorial Decree 407/2018 dated February 27th, 2018 approving the Announcement "A.I.M. - Attrazione e Mobilità Internazionale" to weigh on Programma Operativo Nazionale (PON) Ricerca e Innovazione 2014-2020, Line "Investimenti in capitale umano" aimed at favouring mobility and attraction of Researchers at university level in the various Departments, within **Line 1** (Mobility of Researchers);

Having regard to note Prot. n. 17396 dated September 25th, 2019, received the same date with Prot. n. 49364 by which MIUR forwarded the Directorial Decree n. 1621 dated August 12th, 2019 granting financing, as per Art. 6, Par. 4 of Directorial Decree n. 407 dated February 27th, 2018, to the further 95 project proposals submitted in relation to the call for proposals "Attraction and International Mobility", profitably placed, from score 88 to score 86, in the general ranking approved with Directorial Decree n. 3407 dated December 21st, 2018, specifying that *by the latter, the general ranking and the immediate financing of n. 326 proposals had been approved [...] up to the total amount available in PON R&I 2014-2020 of € 88.497.419,22, postponing the admission to financing of the further proposals profitably placed in the ranking. By CIPE Resolution n. 16 dated April 4th, 2019, published in the Gazzetta Ufficiale n. 179 dated August 1st, 2019, the Programma Operativo Complementare (Complementary Operational Plan) R&I 2014-2020 has been modified and therefore the resources for financing further proposals have been made available up to the Announcement's overall maximum budget equal to € 110.000.000,00. Those Universities included in Attachment A, which is integral and essential part of Directorial Decree n. 1621 dated August 12th, 2019, and in which the University of L'Aquila is assigned n. 2 funds within Line 1 -Mobility of Researchers; must comply with art. 3 of the Implementing Regulations and undertake activities aiming at promptly realizing single actions, anyhow within 6 months from the date of notification specified at the beginning of the Paragraph, and conclude them within the following 42 months*";

Having regard to the resolution of the **Department of Physical and Chemical Sciences** n. 27/2019 dated 19th September, 2019, forwarded with note n. 147 dated September 20th, 2019 and received the same date with Prot. n. 46706 concerning the request of a selection procedure to recruit **1** fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter a) of Italian Law 240/2010 in relation to the proposal submitted by:

CETEMPS - Department of Physical and Chemical Sciences, for the following:

- Academic Recruitment Field 04/A4 - Geophysics, Academic Discipline GEO/12 – Oceanography and Physics of the Atmosphere;

Having regard to the resolution of the **Department of Information Engineering, Computer Science and Mathematics** n. 18/2019 dated 18th September, 2019 forwarded with note n. 3918 dated September 20th, 2019 and received the same date with Prot. n. 46622, concerning the request of a selection procedure to recruit **1** fixed-term, full-time Researcher in compliance with Art. 24, Par. 3, Letter a) of Italian Law 240/2010 for the following:

- Academic Recruitment Field 01/B1 – Informatics, Academic Discipline INF/01 – Informatics;

Having regard to the resolution n. 270/2019 issued by the Board of Directors on September 25th, 2019, after obtaining assent by the Senate, authorizing the above mentioned public selection procedures;

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AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI



Having verified that the expense to reward each Researcher for the three-year period will be fully financed by the funds of the Projects financed by PON Ricerca e Innovazione 2014-2020 according to the call for proposals “Attrazione e Mobilità dei Ricercatori” (Attraction and Mobility of Researchers) within **Line 1**, Mobility of Researchers (Directorial Decree n. 407, Directorial Decree n.1621, Attachment A) – CA. 04.01.01.02.01;

DECREES THE FOLLOWING:

Art. 1 – Public Selection and objective of the contract

A public selection procedure is being held at the University of L'Aquila to recruit **n. 2 fixed-term (3 year) full-time Researchers** in compliance with Art. 24, Par. 3, Letter a) of Italian Law 240/2010, at various Departments, within the framework of **Line 1**, Researchers' Mobility, specified as follows:

| | CENTRE/DEPARTMENT | Academic Recruitment Field | Academic Discipline | N. POSITIONS | MONTHS ABROAD |
|----------|---|----------------------------|---|--------------|---------------|
| 1 | Department of Physical and Chemical Sciences (CETEMPS9) | 04/A4 – Geophysics | GEO/12 – Oceanography and Physics of the Atmosphere | 1 | 12 |
| 2 | Department of Information Engineering, Computer Science and Mathematics | 01/B1 – Informatics | INF/01 – Informatics | 1 | 6 |

Attachments 1 and 2 form integral part of this selection announcement, indicating according to the Department's resolutions, research, teaching, integrated teaching activities and services to the students object of the contract, foreign language requisites, maximum number of publications and, with due regard to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, further qualifications and assessment criteria of the candidates. The candidate's Ph. D. thesis, in compliance with Ministerial Decree 243/2011, is to be considered a publication and included among the publications submitted.

For the description of the subjects of the Academic Recruitment Fields indicated in this selection announcement reference has to be made to Ministerial Decree n. 855 October 30th, 2015.

Art. 2 – Admission Requisites and Causes for Exclusion

1. The selection procedure is open to Italian, EU and non EU citizens holding an Italian residency permit as per Leg. Decree 165, March 30, 2001, Art. 38 and possessing **a Ph.D., or an equivalent degree obtained in Italy or abroad, having discussed their Ph.D. dissertation as of 27.02.2014.**

Admission requisites must be held by applicants within the deadline for application submission.

If obtained abroad, the Ph.D. must be accompanied by the official declaration of equivalency issued by the relevant authorities of the foreign country. If the candidate is not in possess of such a documentation within the deadline for application submission, to be submitted anyhow within the date of official appointment, he/she shall submit a copy of the application for obtaining such a declaration.

2. The following categories may not participate in this public selection procedure:

- First or second tier university professors or Researchers already holding an open-ended contract or who have held such positions in the past either, even if terminated;
- Individuals who have already held fixed-term research contracts as provided in Arts. 22 and 24 of Italian Law 240/2010 at the University of L'Aquila or at other Italian Universities, whether public, private or online, or bodies

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Responsabile: Dott.ssa Loredana Taccone – tel: 0862.432023 – fax 0862.431295

Per eventuali informazioni rivolgersi a: Tommasa Ruscitti – Dorian Scarsella – Giuseppina Persia (operatrici incaricate) – tel: 0862.432097

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AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI



under paragraph 1 of Art. 22 of Italian Law 240/2010 for a period, in addition to the intended duration of the competition contract, exceeding a total of 12 years, even if not continuing. Maternity or sick leave as provided in the laws in force shall not be included in the duration of the aforementioned employment contracts;

- c) Individuals not entitled to exercise civil and political rights;
 - d) Individuals who have been dismissed or relieved from office with a Public Administration for consistently poor performance or have been dismissed from a civil service job as provided in Art. 127, Letter d) of Presidential Decree 10/1/1957, No. 3.
 - e) Individuals who are married, or under condition of civil partnership or common-law marriage pursuant to Italian Law n. 76, 20 May 2016, or related, up to the fourth degree, to professors belonging to the recruiting Department including the Rector, General Director, any member of the Board of Trustees.
3. The contract outlined for this selection procedure cannot be accumulated with other research grants as per Italian Law 449/1997 Art. 51 and Italian Law 240/2010 Art. 22.
4. Candidates are granted provisional admission, as the University Administration reserves the right to review applications and to exclude for just cause at any time until the end of the procedure. In this case a decree shall be issued by the Rector and the excluded candidate shall be notified by the Administration.

Art. 3 - Application Submission Procedure and Deadline

1. To participate in the selection, candidates must submit their application **within 30 days from the day following publication of the announcement in the Gazzetta Ufficiale della Repubblica Italiana – 4° Serie speciale – Concorsi ed Esami**. The publication of the selection announcement is also posted in the University, Ministry and EU websites.

2. If the deadline should fall on a holiday, the following weekday shall be considered the deadline for submission.

3. The application for the selection procedure as well as qualifications, documents and publications are to be submitted telematically, on pain of exclusion, using the computer application available at <https://pica.cineca.it/univaq>. The computer application necessarily requires that the candidate has an e-mail account in order to register. Candidates must enter all data required to fill in application and attach all documents in .pdf format. The application form must be filled in all its parts according to the instructions given by the telematic procedure. **No other ways of presenting applications or documents for the procedure are allowed, except for the case described in Art. 5, paragraph 2 of this announcement.**

Within the deadline for application the system allows to save a draft of the application. The date of telematic submission of the application shall be certified by a receipt sent automatically by the system. **After the deadline for submission the system shall no longer allow to access and send the electronic form.**

An identification number shall be assigned to each application which, along with the selection procedure code indicated in the computer application, shall be quoted in any further notice.

For any technical problems candidates may contact technical support at: univaq@cineca.it.

- 4. The application submission shall be perfected and concluded in the following ways:
 - **By digital signature** using smart card, USB token or remote signature which allow the owner to sign general documents by means of a signature software or a Remote Signature web portal made available by the Auditor. Those who have a Digital Signature smart card or USB token shall verify that they are compatible with the Digital Signature system integrated in the system server. If so, the owner may sign the application directly in the system server (e.g. ConFirma);
 - **Those who do not have compatible digital signature devices and the Remote Digital Signature Owners** who may access a web portal for signing general documents shall save in their own PC the .pdf file generated by the system and, without modifying it, digitally sign it in CADES format. A .p7m file will be generated, which shall be uploaded again to the system. Any editing to the file before signing with the Digital Signature shall interfere with the automatic check of correspondence between the content of such a document and the original, and this will bring to the application exclusion;
 - **If none of the above-mentioned options can be used** candidates shall save in their own PC the .pdf file generated by the system and, without modifying it, print and sign it with full original signature in the last page

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AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI

of the printed document. A scanned .pdf copy of such a document shall be produced and the file thus obtained shall be uploaded to the system.

5. All applications are subject to verification, in any case the following shall be cause for exclusion:

- omission of signature, in accordance with laws and regulations;
- not including a copy of a valid identification document.

Applications deemed as lacking the required elements specified in the selection announcement or not in compliance with what specified in this article shall be excluded by Rector's Decree and candidates shall be notified of the said exclusion by registered post with notice of receipt or by certified e-mail (PEC).

6. In his/her application the candidate is required to declare the following:

- 1) Surname and name;
- 2) Date and place of birth;
- 3) Fiscal code (Italian and foreign citizens to which a fiscal code (codice fiscale) has been issued by competent authorities);
- 4) Residency;
- 5) Citizenship;
- 6) The selection procedure they want to participate in;
- 7) That he/she has the following requisites for participation as indicated in Art. 2 of this announcement;
- 8) That he/she is in possession of his/her civil and political rights
 - a) **Italian candidates** shall also state on their own account:
 - Which electoral college they are registered in (municipality) and any reasons for lack of registration or deletion;
 - Their current situation with regard to military service;
 - b) **Foreign candidates** shall also state on their own account:
 - That they are in possession of their civil and political rights in their country or, supply the reasons for lack thereof;
- 9) That they have not been convicted of a crime nor are they aware of being subject to criminal proceedings or of any pending criminal proceedings against them;
- 10) That they have not been dismissed or relieved from office with a Public Administration for consistently poor performance, or that they have not been dismissed from a civil service job as provided in Art. 127, Letter d) of D.P.R. January 10 1957, n. 3;
- 11) That they are not related, up to the fourth degree, to professors belonging to the recruiting Department including the Rector, General Director, any member of the Board of Trustees;
- 12) That they do not have a position as first or second tier university professors or as open-ended contract Researchers, and have not held such positions in the past either, even if terminated;
- 13) That they have not already held fixed-term research contracts as provided in Arts. 22 and 24 of Italian Law 240/10 at the University of L'Aquila or at other Italian Universities, whether public, private or online, bodies under Par. 1 of Art. 22 of Italian law 240/10 for a period, in addition to the intended duration of the competition contract, exceeding a total of 12 years, even if not continuing.
- 14) **if not an Italian citizen**, that he/she has an adequate knowledge of the Italian language;
- 15) that he/she is aware that the Examining Board shall be nominated by Rector's Decree published on the University's Albo Ufficiale and posted on the relevant page of the university website www.univaq.it;
- 16) that he/she is aware that a list of candidates admitted to the selection procedure is published on the University's Albo Ufficiale and posted on the relevant page of the University website www.univaq.it, in all effects representing official notice to the candidates participating;
- 17) that he/she is aware that the assessment procedure adopted by the Examining Board in the first session and the interview dates are published for at least seven days on the University's Albo Ufficiale and posted on the relevant page of the university website www.univaq.it, in all effects representing official notice to the candidates participating;
- 18) that he/she is aware that all documents related to the selection procedure together with decree of approval are published on the University's Albo Ufficiale and posted on the relevant page of the university website www.univaq.it, in all effects representing official notice to the candidates participating.

7. In their applications, candidates must include their selected mailing address for notifications, a telephone number, a mobile number and an e-mail address. Any changes in the above information must immediately be

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In compliance with Law 104/1992, candidates with disabilities must apply for any necessary aid.

8. All declarations made by candidates are to be considered in compliance with Presidential Decree n. 445, 28 December 2000 as amended and supplemented. **Non-EU citizens** with a regular residence permit may use the Personal Declarations of Certification in accordance with the procedure laid down for EU citizens whenever it is necessary to provide proof of status, facts or personal qualities certifiable or confirmable by Italian public agencies or if the production of self-executed certificates takes place under international agreements between Italy and the applicant's country of origin.
9. The Administration shall carry out a verification process on the contents of declarations, any false declarations shall lead to the candidate losing any benefits obtained thanks to said declarations and are subject to related laws.
10. The University Administration declines all responsibility for un-received notifications due to the candidate's failure in providing a correct address or not notifying the University in due time of any change in the address given in the application or for any postal or telegraphic services, misdeliveries, or due to third parties, unforeseeable events or force majeure.
11. **Candidates shall not be able to modify their applications after the indicated deadline; applications deemed as lacking the required elements specified in Art. 2 of the selection announcement, or the declarations specified in Paragraph 6. of this article, or under one of the causes of exclusion specified in Paragraph 5, shall be excluded by Rector's Decree and candidates shall be notified of the said exclusion.**

Art. 4 – Required Application Attachments

Candidates must also attach the following to their applications:

- a) A photocopy of a valid identity document;
- b) A photocopy of their fiscal code (codice fiscale);
- c) A Curriculum Vitae listing their scientific and teaching activities, written in Italian and in English;
- d) A list of qualifications;
- e) A copy of qualifications (only for those which cannot be presented with a personal declaration of certification) complete with a certification of authenticity and certified Italian translation if written in a language other than English;
- f) A numbered list of publications;
- g) A list of the candidate's teaching experience indicating the University/Body, the period and the subject taught;
- h) Publications not exceeding the number indicated in the announcement;
- i) A copy of residency permit (non EU citizens).

All qualification certificates issued by Italian Public Administration Authorities must only be self-certified as pursuant to Italian Law 183/2011.

Non EU Citizens with a regular Italian residence permit may submit original or scanned copies of qualifications, authenticated or certified copies of the original.

Art. 5 – Publications

1. Publications presented must be submitted only in .pdf format in the dedicated section of the telematic procedure at <https://pica.cineca.it/univaq>.
2. **Each publication shall not exceed the limit of 30 megabyte.**
Those publications exceeding the limit of 30 megabyte shall be indicated in a numbered list to be entered in the online platform and uploaded in .pdf format to a digital medium (USB, CD, DVD) to be posted within the application deadline by registered mail, express post or package or service with notice of receipt to the following address: Settore Concorsi e Selezioni – Palazzo Camponeschi – Piazza Santa Margherita, 2 - 67100 L'Aquila. The date when the envelope was accepted by the post office or express service company shall be taken into consideration. Any applications whose publications (exceeding the 30 megabyte) shall be excluded that, though posted within the

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AMMINISTRAZIONE CENTRALE
AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI

deadline under comma 1 of Article 3 of this selection announcement, do not arrive at the University Administration within the fifth day after the designated deadline. In the latter case the date of arrival at the University shall be taken into consideration. The University Administration declines all responsibility for any non-deliveries or misdeliveries of the publications, or other problems due to third parties, unforeseeable events or force majeure. The candidate must indicate on the envelope containing the publications: the University issuing the selection procedure, the requesting Department, the academic recruitment field, academic discipline, position being applied for, name, surname, mailing address for all selection procedure related notifications.

If the maximum number of publications indicated in Attachments to this selection procedure is not observed, the system shall not allow to complete the application procedure.

Candidates cannot make references to other publications/documents presented previously to the University of L'Aquila or to any other administration/institution.

3. Once the selection procedure is completed, the selected candidate shall submit the publications presented, in original or in copy certified conform to the original.

4. Works published in Italy will be assessed if they comply with legal standards and are pursuant to Leg. Decree n. 660/1945 as amended by Italian Law 106/2004 and Presidential Decree n. 252/2006. This requires certification to be provided with the application or a personal declaration pursuant to Presidential Decree n. 445/2000; for works published abroad the date and place of publication must be indicated.

5. Publications written in a foreign language must be accompanied by a certified Italian translation by official translator or consulate/embassy. The translation process is not required for publications written in French, English, German and Spanish.

Art. 6 - Renouncing Participation

Candidates wishing to renounce participation in the selection procedure are required to write to the Rector to declare their intentions, including in their letter a photocopy of a valid identity document, to the following address: Settore Concorsi e Selezioni – Palazzo Camponeschi – Piazza S. Margherita 2 – 67100 L'Aquila, e-mail: conc@strutture.univaq.it. Their renouncement shall be made official during the first meeting following receipt of renouncement.

Art. 7 - Nomination of the Examining Board

1. The Board, made up of three members of which at least two tenured professors and two from other universities, named by the Department and connected with the academic recruitment field or the academic discipline concerning the position object of the public selection procedure, is appointed by a Rector's Decree. One member must be chosen among high profile experts from a university or research center in another OECD country.

The designated professors must be registered in the lists of those members who can be called by drawing for the National Scientific Qualification Boards or anyhow they must satisfy the criteria provided for by ANVUR, resolution n. 132, 13 September 2016.

Unless documented reasons exist, at least one third of the board members is to be reserved to women.

2. The following cannot be nominated:

- Professors who have received a negative assessment as provided in Art. 6, Paragraph 7 of Italian Law 240/2010;
- Members of the University political board, those who hold a political office as well as representatives of trade unions or professional associations;
- Individuals condemned for crimes – even if not yet sentenced – in Book II of the Italian Penal Code (“crimes by civil servants against public administration”);

3. The Rector's Decree appointing the Examining Board shall be published on the University's Albo Ufficiale and on the University website.

4. From the date the Rector's Decree nominating the examining board is published candidates have 10 (ten) days – in analogy with the University Regulations for appointing I and II Tier Professors - to state their opposition to any of the components of the board. After this period no instances may be presented.

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AREA GESTIONE DELLE RISORSE UMANE
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5. The Board nominates a President and a Secretary.
6. The Board operates with the presence of all its members and takes decisions unanimously.
7. Participation in all Board activities is mandatory for all members.
8. The Board, upon notifying the head of the selection procedure of the date and time, may hold meetings using telematic technology. At the end of the meeting the minutes must be drawn up, approved, and signed by the Secretary who has actually drawn them up. The other members of the Examining Board underwrite a statement in which they declare that they have joined the meeting and undersigned the minutes, and then forward them telematically to the competent administration office. Where applicable, reference has to be made to the University's Regulations (Rector's Decree n. 467/2016, April 18th, 2016).
9. Expenses incurred may be reimbursed in accordance with the University's Regulations pursuant to Art. 7, Paragraph 4 in reference to the recruitment of fixed-term Researchers.

Art. 8 - Role and Duties of the Examining Board

1. In the first session the Board, having determined that in compliance with related laws, no incompatibility factors are present, outlines the preliminary assessment criteria and procedures for selection in compliance with the parameters indicated in Ministerial Decree n. 243, 25 May 2011.

The Board also establishes an analytical system to confer points to candidates after preliminary assessment has been completed. The Board then establishes which candidates are admitted to the interview, together with the criteria for testing their English language skills, and Italian language skills for foreign applicants.

2. The Head of the selection procedure is immediately notified of the above-mentioned results which are to be published on the University's Albo Ufficiale and on the website for at least 7 days before the Board can move on to the next phase of the selection procedure.

3. The above mentioned preliminary procedure initially involves determining if the candidates possess the requisites for participation, then their CVs and publications, including their Ph.D. thesis, are assessed.

4. Following preliminary assessment, the Board will admit the most worthy candidates - 10 to 20 per cent of the original candidates – and no less than six in number - to participate in a public discussion of their qualifications and scientific work; all candidates shall be admitted to the discussion should their total number be equal to or less than six.

5. The list of candidates is drawn up by the Board and published on the University's Albo Ufficiale and on the website at least 10 days before the interview. **This is to be considered an official notification for candidates. Candidates are required to appear for their interviews on the indicated date with a valid identity document. It is important to remember that candidates are not notified individually but only through the above stated notifications published online. If the candidate does not show up, this shall be considered final renunciation to the selection procedure.**

6. Following the interviews, the Board grades the candidate's qualifications, attributes a grade to each publication and assesses interview and foreign language skills. Once this has been completed the Board draws up a ranking of the candidates and deliberates (by majority) the winner of the selection procedure.

7. All proceedings are contained in the minutes of the meetings, including all the assessment results obtained during the preliminary meeting, grading of qualifications and publications, and interview to test English language skills. The results of all of the above are published on the University's Albo Ufficiale and on the website **which to all effects represents an official notification for the participants in the selection.**

Art. 9 - Time Limits of the Selection Procedure

1. The Board is to conclude all necessary actions within four months from the Rector's Decree nominating its members.

2. The Rector may extend the deadline only once and for no more than two months only in the case of exceptional and documented reasons brought forth by the President of the Board before the established deadline expires.

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AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI



3. If all procedures are not concluded even within the extended deadline the Rector shall proceed to the substitution of the Board members, who become liable for the delays caused, establishing a new deadline for completion of the selection procedure.

Art. 10 - Determining Validity of Proceedings

Within thirty days after the proceedings are consigned, the Rector issues a Decree establishing their validity, which is published on the University's Albo Ufficiale and on the website. **This, to all effects, represents official notification** and from that date candidates have a period of time to file a complaint. The candidate selected shall also be notified.

The Decree is immediately passed on to the relevant Body in charge of the appointment, as pursuant to the following Art. 11.

If the Rector finds any irregularities in the proceedings he/she may make a motivated request to the Board to obtain rectification.

Art. 11 - Appointment by the Department

Within 60 days of the Rector's approval of the proceedings the Department Council that had requested the selection procedure must unanimously adhere to the decision and decide on a date to officially appoint the new Researcher, to this end the Council must keep in mind the time needed to stipulate the contract.

The Department's deliberation must also be approved by the University's Board of Directors, after which the Researcher is invited to present all necessary documents for contract stipulation within 30 days.

Art. 12 - Drawing-up of contract

A fixed-term full-time employment contract shall be drawn up and underwritten by the Rector and by the Researcher. During maternity leave the contract is put on hold and expiration date is postponed for a period equal to that of compulsory leave of absence.

All elements regarding fixed-term researcher contracts specified in Art. 10 of the University's Regulations must be indicated within said contract.

The number of hours required for teaching, integrated activities and services to the students is 350 hrs per year. Research activity is the subject of a specific scientific report to be submitted yearly to the Department's approval.

Given that the contract shall be pursuant to Leg. Decree n. 165/2001 Art. 53, it is important to state that it cannot be accumulated with other employment contracts, research grants, Ph.D. or Specialization courses, nor with any other earnings or grants from the University.

As regards the Researcher's duties the main duties established by law in reference to the category shall be applied. The University's Regulations as to assignation of teaching duties to professors and researchers (Rector's Decree n. 915-2017, 19 December 2017) will also be applied.

The Researcher appointed will be required to abide by the University's Code of Behaviour, not doing so shall lead to termination of contract. The Researcher shall also abide by norms regarding security, as established in Leg. Decree n. 81, 9 April 2008 as amended and supplemented, and also contact the Health and Safety Service of the University to gather information on prevention measures to abide by while carrying out research.

The position is subject to all laws regarding termination.

Art. 13 - Salary and Social Security Benefits

The gross annual salary for fixed-term, full-time researcher corresponds to € 34.898,06. The contract is subject to all social security and fiscal taxes.

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AREA GESTIONE DELLE RISORSE UMANE
SETTORE CONCORSI E SELEZIONI



Art. 14 - Documents for Contract Stipulation

The Researcher selected shall present all required documents together with all declarations certifying their requisites for appointment as pursuant to Presidential Decree 445/2000 art. 46 and 47 to the University's Settore Personale Docente e Ricercatori as specified in Art. 3, Paragraph 6, numbers 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13 in this announcement. The Researcher shall also present a personal declaration of certification regarding their marital status, household members, whether they belong to legally protected categories, whether they receive a pension, whether they are members of professional registers; they must also declare that they are not employed in any other public or private company or institution as pursuant to Presidential Decree 445/2000, Art. 46 and 47.

If the Researcher is already employed by a public institution he/she must ask for a leave of absence from their job to accept the Researcher contract they have been selected for.

Before starting work the Researcher must undergo a medical check-up to obtain a certificate from the University doctor stating that their health allows them to carry out the job duties required, the Researcher can contact the Settore Personale Docente e Ricercatori to make an appointment with the doctor.

The University reserves the right to carry out sample checks to verify the information and certification presented.

Art. 15 - Personal Data

The handling of candidates' personal information is disciplined by Leg. Decree n. 196, 30 June, 2003, by Leg. Decree n. 101, 10 August 2018 implementing UE Regulation n. 679/2016. Personal information supplied by the candidates in the application form shall be collected by the offices of the University and processed for the purposes of the procedure and for the management of relations ensuing therefrom.

The provision of said information is compulsory, on pain of exclusion.

Candidates are entitled to exercise the rights provided in the Legislative Decree mentioned above, including the right of access to the data concerning them, the right to amend, update, complete or delete erroneous or incomplete data or data collected in a manner that is contrary to law, and to object to processing for legitimate reasons.

Art. 16 – Disclosure

This decree is made available to the public on the University website (<http://www.univaq.it>), on the Ministry of Education, University and Research website, and on the European Union website.

Art. 17 - Reference to Implementation Modalities

For all matters not contained in this announcement, the resolutions, laws and regulations indicated in the introduction together with all laws regulating recruitment of University staff shall apply.

Art. 18 - Head of the Selection Procedure

Pursuant to Art. 5 of Italian Law n. 241, 7 August, 1990, dr. Loredana Taccone, Head of the Settore Concorsi e Selezione of the University of L'Aquila, is also head of this selection procedure.

L'Aquila, October 9th, 2019

The Rector
(signed:) Prof. Edoardo Alesse

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ATTACHMENT 1

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| Project AIM1858058 |
| Spending centre: CETEMPS |
| Activity n. 1 |
| SNSI main specialization area: Agrifood |
| Type of announcement: line 1 |
| Months abroad : 12 |
| Academic Recruitment Field: 04/A4 – Geophysics |
| Academic Discipline: GEO/12 – Oceanography and Physics of the Atmosphere |
| Place of work: Department of Physical and Chemical Sciences |
| Centre of reference: CETEMPS |
| Admission requisites (line 1): A Ph.D., or an equivalent degree obtained in Italy or abroad, relating to the academic discipline of the position described and obtained not before 27/02/2014. |
| Mobility requisites: Foreign (EU) institutions where to spend the months abroad: primarily at Geological Survey of Denmark and Greenland and/or other highly qualified scientific institutions in which to carry out the project in line with the announcement. |
| Research activities: Research activities shall be carried out within the project AIM1858058, financed by the call for proposals “Attraction and Mobility of Researchers” (D.D. 407 dated 27.02.2018). In the framework of the research activities, the purpose is to carry out integrated climate services on a regional scale, for the stakeholders’ needs of the farming industry aiming at providing a solid knowledge for the reduction of climate risk. The study shall focus on the Abruzzo region chosen as pilot area. The methodology: <ul style="list-style-type: none"> • Use of medium- and long-term climate projections to assimilate into the CHyM hydrologic model for the development of hydro-climate projections; • Development of a hydrological forecast system for the prediction of short-term severe events, by means of the CHyM model; • Development of agri-climate indexes for the characterization of of climate risk. |
| Teaching activities, integrated teaching activities and services to the students: 350 hrs per year, of which 60 hrs of class teachnig of the academic discipline described in the announcement. This commitment refers only to the academic years of consecutive presence at the university and will be proportionally reduced to the months spent abroad. |
| Maximum number of publications: 12 (twelve). The candidate’s Ph. D. thesis, in compliance with Ministerial Decree 243/2011, is to be considered a publication. |
| Foreign language requisite: English |
| Assessment criteria: With due regard to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, the Examining Board will consider the relevance of the scientific production, the organization of, or participation as a speaker in, scientific conferences in Italy or abroad, and the specific research experience of the candidate relating to the academic recruitment field of the announcement and the research activity described above. |



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ATTACHMENT 2

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| Project AIM 1877124-3 |
| Spending centre: DISIM Department |
| Activity n. 1 Optimization of computational resources within TPS (Treatment Planning System) for Hadrontherapy. |
| SNSI main specialization area : Health |
| Type of announcement: line 1 |
| Months abroad: 6 |
| ACADEMIC RECRUITMENT FIELD: 01/B1 – Informatics |
| ACADEMIC DISCIPLINE: INF/01 – Informatics |
| Place of work: DISIM Department |
| Type of commitment: full time |
| Admission requisites: (line 1) A Ph.D., or an equivalent degree obtained in Italy or abroad, relating to the academic discipline of the position described and obtained not before 27/02/2014. |
| Mobility requisites: (line 1) Foreign (EU) institutions where to spend the months abroad: primarily PSI - Paul Scherrer Institut – Switzerland and/or GSI Helmholtz Darmstadt – Germany and/or University of Porto, Faculty of Engineering, Portugal and/or other highly qualified scientific institutions in which to carry out the project in line with the announcement. |
| Research activities: The aim of the project is to act within analytical TPS in calculus to be validated by means of Monte Carlo methods in order to decrease time and space resources necessary to the development of treatment plans using theoretical as well as practical tools deriving from algorithm theory and combinatory optimization and operational research theory. In particular, this decrease of the computational resources comes from both a modelling which allows the use of a specific optimization software within TPS and from the integrated or integrable use in such a software of innovative algorithms, of image analysis also, created on purpose. Supposedly, such innovative methodologies shall bring to designing “methods and apparatuses” (devices) which shall simplify the work of the business operators and decrease calculus time used by TPS within classical treatment plans planning. Moreover, being innovative tools, it may be assumed that a higher level of freedom may be given to the business operators for the development of less classical treatment plans towards a higher stereotactic direction with the aim of decreasing the delivered dose and/or of avoiding more accurately the risk organs (OAR) and, in general, of satisfying the ambitious objective functions which are not dealt with at the moment basically because they require excessive computational resources. In detail, the aim is to initially approach the dose optimization in the case of PB-IMPT protonic treatments. In this context, the aim is to make a mouse modelling by means of image fusion and registration techniques first to create dedicated interfaces and then getting into the optimization of the computational resources of TPS kernel. The assessment of the resulting plans within the TPS kernel shall be made also by means of Monte Carlo validation by the partner institutions. At the same time the research shall carry on to the algorithmic integration of existing and efficient softwares, to the creation and testing of innovative algorithms and to the continuous updating/improving of models (within the combinatorial optimization) to be used in practice. |
| Teaching activities, integrated teaching activities and services to the students: 350 hrs per year, of which 60 hrs of class teachnig of the academic discipline described in the announcement. This commitment refers |

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only to the academic years of consecutive presence at the university and will be proportionally reduced to the months spent abroad.

Maximum number of publications: 12 (twelve). The candidate's Ph. D. thesis, in compliance with Ministerial Decree 243/2011, is to be considered a publication.

Foreign language requisite: English

Assessment criteria: With due regard to criteria and parameters indicated in Ministerial Decree n. 243, 25 May 2011, the Examining Board will consider the high quality of the candidate's scientific production, documented by publication in international journals. Documented research experience in the Academic Discipline INF/01 carried out in highly qualified research institutions shall also be considered. Moreover, in assessing the candidate's CV, qualifications and publications in the fields related to the Academic Discipline INF/01 and to the competencies described for the project's development shall be considered particularly qualifying.

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