File no. 74/2015 Decree prot. no. 3698/VII/1

PUBLIC SELECTION PROCEDURE FOR THE RECRUITMENT OF NO. 1 FIXED TERM RESEARCHER AT THE UNIVERSITY OF BERGAMO PURSUANT TO ART. 24, PARAGRAPH 3, SUBPARAGRAPH A) OF LAW NO. 240 OF 30.12.2010.

THE RECTOR

RECALLED

- Law no. 240 of 30.12.2010 governing "Rules relating to the organisation of Universities, academic staff and recruitment, and authorising the Government to promote quality and efficiency of the university system" and, in particular, art. 24 governing the recruitment of fixed term researchers;
- Ministerial Decree no. 242 of 24.05.2011 that governs the criteria and parameters for the assessment of teaching and research activities carried out by the holders of the contracts referred to in article 24, paragraph 3, letter a) of law no. 240/2010;
- Ministerial Decree no. 243 of 25.05.2011 governing the criteria and parameters for the preliminary assessment of candidates of governmental procedures for the selection of the recipients of the contracts referred to in art. 24, paragraph 2, subparagraph c) of law of 30th December 2010, no. 240;
- Ministerial Decree of 29.07.2011 no. 336 "Determination of contest sectors grouped into the contest macrosectors referred to in art. 15 of Law 240/2010 and subsequent modifications";
- The Statute of the University of Bergamo;
- the University's rules and regulations issued by Rector's Decree Index no. 424/2012 prot. no. 19135/I/3 of the 1.10.2012 governing the recruitment of fixed term university researchers pursuant to art. 24 of the Law 240/2010;
- The Code of Ethics of the University issued with Rector's Decree prot. no. 14405 /I/3 of 19.7.2011;
- the current legislation governing the legal and economic status of the teaching and research staff of the University;
- Law dated 7th August 1990, no. 241 and subsequent amendments and additions, concerning the rules on access to administrative documents;
- Law dated 5th February 1992, no. 104 and subsequent amendments and additions governing assistance, social integration and the rights of persons with disabilities;
- Italian Presidential Decree of 28.12.2000, no. 445 "Consolidated text of laws and regulations relating to administrative documentation";
- Legislative Decree of 30.6.2003 No. 196 "Personal Data Protection Code";
- Law of 15.4.2004, no. 106 governing "Rules relating to the legal depositing of documents of cultural interest intended for public use";
- Italian Presidential Decree of 03.05.2006, No. 252, "Regulations governing the rules on the legal depositing of documents of cultural interest intended for public use";
- Legislative Decree 198/2006 "Code of equal opportunities between men and women, in accordance with article 6 of law no. 246 dated 28th November 2005";
- Law no. 183 dated 12th November 2011 (Law of Stability 2012) and in particular art. 15 governing the rules in regard to replacement certificates and declarations;

ACKNOWLEDGED THAT

- the deliberations of the Academic Senate of 23.01.2015 and of the Board of Directors of 27.01.2015 approved the proposal of recruitment of a type A fixed term researcher at the Department Engineering Management, Information and production for the duration of 36 months with a total cost of 32 months on the Fund on the project "Cloud manufacturing and social software based context sensitive product-service engineering environment for globally distributed enterprise

(DIVERSITY) (CUP F12I15000010006)" and equal to 4 months on the share of profit of the European Project "Best Practice in Robotics (BRICS)", with a commitment to organic points equal to 0;

DECREES

Art. 1

The public selection procedure was enacted for the recruitment of no. 1 fixed term university researcher at the University of Bergamo - Department of Management, Information and Production Engineering - for the Contest Sector 09 / B2 - Industrial Mechanical - Disciplinary-scientific sector ING-IND / 17 - Industrial equipment mechanics.

Art. 2

The notice and its annexes are available on the website of the University, in the section *Bandi e concorsi* (*Notices and contests*) managed by the Recruitment Office and legal management as part of the General Administrative Services.

Art. 3

This Rector's Decree is published on the website of the University of Bergamo in the section "Albo di Ateneo" ("Register of the University").

Bergamo, 02.02.2015

THE RECTOR (Prof. Stefano Paleari) Signed by Stefano Paleari PUBLIC SELECTION PROCEDURE FOR THE RECRUITMENT OF NO. 1 RESEARCHER WITH A FIXED TERM CONTRACT AT THE UNIVERSITY OF BERGAMO PURSUANT TO ART. 24, PARAGRAPH 3, SUBPARAGRAPH A) OF LAW NO. 240 OF 30.12.2010.

Article 1 Contest type

The following public selection is announced by procedure of comparative assessment for the recruitment of no. 1 fixed term Researcher for a period of 36 months, pursuant to art. 24, paragraph 3 subparagraph a) of the Law no. 240 of 30.12.2010 and to the University's rules and regulations on the matter, as specified below:

REFERENCE STRUCTURE AND PLACE OF CONDUCT OF ACTIVITIES - DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING

Macro contest sector: 09/B - Manufacturing engineering, plant engineering and management

Contest sector: 09 / B2 - Industrial Mechanical

Scientific-disciplinary sector: ING-IND / 17 - Industrial equipment mechanics.

Research program: The researcher will carry out research in systems of collaborative design and engineering of product-service systems (PSS - Product-Service System). In particular, the research will cover the development of advanced methodologies and tools for the engineering of a PSS. During the research, conducted mainly within the European project "Cloud manufacturing and social software based context sensitive product-service engineering environment for globally distributed enterprise (DIVERSITY) - Grant Agreement n. 636 692 (CUP F12I15000010006), will develop a methodology for the design of PSS in accordance with the principles of "Eco-innovative lean design". The methodology aims to support manufacturing companies to quickly respond to changing customer needs, while optimizing the lifecycle footprint of their supply of PSS. The candidate will define the new design guidelines and will contribute to the development of a collaborative platform that will support companies in defining new and innovative PSS. The research involves also the validation of the theoretical models in industrial settings, with particular regard to the industrial sector of machine and equipment constructors.

Educational activities provided for in the contract, including integrative and of service to students and characteristics of the research activities: The total annual commitment for the conduct of educational activities, supplementary teaching and service to students is 350 hours for the regime of full-time commitment. The researcher held his teaching activities as part of the teachings of the sector ING-IND / 17 active in the School of Engineering.

Full-time commitment regime

Knowledge of the English language

Maximum number of publications that candidates can submit for the purposes of selection: 12

Oral test to establish the knowledge of the same language: English

Remuneration payable: Initial salary payable to the full-time researcher (annual gross salary Euro 34,898.06 including "thirteenth month" payment).

Article 2

Requirements for participation in the selection

The selection procedure is open to candidates, including citizens of countries not belonging to the European Union, in possession of:

• A Phd in CUN 09 area (Industrial and Information Engineering) acquired in Italy or abroad.

Pursuant to art. 29 paragraph 13 of Law 240/2010, valid qualifications for participation in the selection procedure also includes the holding of:

• A master's degree, or specialist degree, together with a scientific professional curriculum suitable for the performance of scientific research activities. The adequacy of the curriculum will be evaluated by the Selection Committee.

For qualifications obtained abroad is requested a statement of equivalence under the relevant legislation in force.

Not permitted to participate in the selective procedure are:

- First or second band university professors and researchers already employed for an indefinite period, even if they no longer hold office;
- Candidates who have a degree of kinship or affinity, to the IV degree, with a professor relating to the structure offering the proposal of activation of the contract, or with the Rector, the Director General or with a member of the Board of Directors;
- those who are excluded from their enjoyment of civil and political rights;
- those who have been dismissed or exempted from a Public Administration role for persistent poor performance, or have been dismissed from other public roles, pursuant to art. 127 subparagraph d) of Italian Presidential Decree no. 3 of 10.1.1957.

The above requirements must be held on the date of the deadline for submission of applications for admission to this selection.

Article 3 Exclusion from comparative assessment

The following reasons provide cause for exclusion:

- absence of signature on the application for participation;
- failure to meet the requirements for participation provided by art. 2;
- non-compliance with the deadline for submission of the application for participation and publications;
- the sending of a higher number of publications with respect to the number referred to in art. 1.

The candidates may be admitted with reservation in the case where additional verifications are required.

The Administration may at any time order the exclusion of the candidate in the case of non-compliance with one of the requirements under this notice; this exclusion will be issued with justified order of the Rector and shall be communicated to the party concerned by registered letter with return receipt.

Article 4 Method of submission of an application for participation and publications

To participate in the procedure of selection, the candidate must submit an application on plain paper according to the diagram attached to this notice, within the peremptory time limit of 30 days, commencing on the day following the publication of this notice in the Official Journal. Where this period falls on a public holiday, the deadline is postponed to the next working day.

The application for participation, duly signed, should be addressed to the Rector in a sealed envelope and may be delivered with the following modes:

- a) hand delivered to the Ufficio Direzione e Affari Generali (Management and General Affairs office) at the address of Via dei Caniana, 2 (First floor) on the following days and at the following times: from Monday to Fridays from 9 am to 12 am;
- b) sent by registered letter with return receipt to the Università degli Studi di Bergamo Unità organizzativa Selezioni e gestione giuridica (University of Bergamo Organisation Unit Selections and Legal Management) Via dei Caniana, 2, 24127 Bergamo;

c) delivery by certified mail (PEC) by sending, in PDF format, demand and titles attached together with the identity document (quoting in the subject: "PEC application selection procedure for n. 1 Researcher with the Temporary 'indication of the competitive sector and the scientific sector) at protocollo@unibg.legalmail.it. The sending of the request can only be made by other PEC. It should be noted that the validity of the transmission of e-mail is attested certified respectively by the receipt of acceptance and acknowledgment of receipt provided by your e-mail, pursuant to art. 6 of the Presidential Decree 11.02.2005, No. 68 (the maximum total size of a message is 50 MB. It is possible to send or receive a message with attachments with a total weight of up to 37 MB).

In order to respect the deadline, the arrival protocol for postal items delivered by hand and the date stamp of the post office in case of dispatch by registered post shall be referred to.

Applications, publications and documentation sent beyond the deadline established by the notice will not be taken into consideration.

On the envelope containing the application, the qualifications and publications shall be marked "Application for participation of the candidate (name and surname) in the selection procedure for no. 1 place for fixed term university researcher - contest sector - scientific-disciplinary sector - at the Department"

Article 5 Application for admission and publications

The candidate must submit the application prepared using form "A" for Italian candidates or "B" for international candidates, contained in this notice and available at the web address http://www.unibg.it/struttura/struttura.asp?cerca=bandi_personale_02.

The application must contain the following details:

- name, surname, date and place of birth;
- tax code;
- residence/domicile and phone number;
- the Department and the contest sector for which the applicant intends to be admitted.

Candidates that wish to participate in the comparative assessment for several contest sectors must submit separate applications and attachments, when required, for each sector.

In the application, the candidate must declare, under their own responsibility in accordance with Italian Presidential Decree 445/2000 and subsequent amendments and additions, the following:

- 1) citizenship held;
- 2) the state of not having a criminal record or any sentences passed, indicating the details of the relevant judgments, and any pending criminal proceedings against them;
- 3) <u>if Italian citizen</u>: being entered on the electoral roll, specifying the Municipality and possibly indicating the reasons for non-inclusion or cancellation by the same; <u>if foreign citizen</u>: the enjoyment of civil and political rights in the States of membership or origin or the reasons for the loss of said enjoyment;
- 4) the state of not having been dismissed from roles in public administration for persistent poor performance and not having been dismissed from a state role, pursuant to art. 127, subparagraph d) of Italian Presidential Decree no.3 of 10.01.1957;
- 5) not currently working and not having previously worked in the position of professor of first or second band or of university researcher with an indefinite period contract;
- 6) not having a degree of kinship or affinity, to the IV degree, with a professor within the Department that made the call or with the Rector, with the Director General or with a member of the Board of Directors the University.

The candidate having a different nationality from the Italian one must also declare having adequate knowledge of the Italian language.

Candidates with disabilities must specify in the application any assistance required in relation to their disability, as well as the possible need for extra time for the completion of tests, within the meaning of Law no. 104 of 05.02.1992.

The application must be accompanied by the following documents:

- a) photocopy of a valid identity document;
- b) photocopy of personal tax code;
- c) curriculum of didactic and scientific activities dated and signed;
- d) list numbered and signed of the scientific publications submitted: the numbering of the list must match the numbering of the publications sent in compliance with the maximum number if provided for by this notice;
- e) publications and tasks that the applicant intends to refer to for the purposes of the procedure, numbered in sequential order in correspondence with the list.

Any possible variation of contact details must be immediately communicated to the Ufficio Selezioni e gestione giuridica (Office of Selections and legal management).

The university administration does not assume any responsibility with regard to the inability to contact the recipient and for the dispersion of communications resulting from the incorrect indication of contact details by the candidate or from failure or delay in the communication of a change of the address indicated in the application. The university administration also assumes no responsibility for any absence or late provision of communications relating to the contest for reasons not attributable to the same Administration but only as a result of postal or telecommunications disruptions, due to third parties, unforeseeable circumstances or force majeure.

The Administration reserves the right to check the validity of the content of the substitute declarations pursuant to the provisions of Italian Presidential Decree 445/2000.

Qualifications must be produced on plain paper and must be owned at the date of expiry of the notice.

You are hereby informed that, starting from 1st January 2012, in accordance with the provisions of Law 183/2011, public administrations and managers of public service are prohibited from requesting from individuals the presentation or the production of certificates issued by other public administrations relating to states, personal qualities and facts. The University cannot, therefore, accept nor request certificates, but only substitute declarations of certification or identification documents produced in replacement of the certificates themselves (by filling out annex C).

It is not permitted to refer to documents or publications submitted to this or other administrations, or to documents attached to another application for participation in another contest.

Certificates issued by the competent authorities of the State of which the foreigner is citizen must comply with the provisions in force in the State and must also be legalised by the competent Italian embassy or consular authorities.

The acts and documents drawn up in a foreign language must be accompanied by a translation into Italian, certified as conforming to the foreign text, authenticated by the competent Italian diplomatic or consular representation.

The candidate can produce publications in PDF format on computer CD ROM (version "unchangeable") accompanied by a statement indicating that the content thereof is consistent with the original (see Annex C). Or, alternatively, in original or copy declared conform to the original by substitutive declaration of notoriety pursuant to art. 47 of Presidential Decree 445/2000 (see Annex C).

For jobs printed abroad the date and place of publication must be evident. For jobs printed in Italy by 1st September 2006 the obligations provided for in art. 1 of Regent's Decree no.660 dated 31st August 31, 1945 must be fulfilled. From 2nd September 2006 the obligations laid down by the Law 106/2006 and Italian Presidential Decree 252/2006 must be fulfilled.

The publications must be produced in the language of origin and translated into one of the following languages: Italian, Latin, English, French, German and Spanish. Translated texts may be submitted typewritten along with the text printed in the original language.

For the procedures of comparative assessment regarding linguistics, the presentation of publications compiled in the language or in one of the languages for which the contest is offered is permitted, even if they are different from those indicated in the preceding paragraph.

The candidate that will participate in several procedures of comparative assessment must, during the contest, submit the same number of publications pack, with attached list, as the number of procedures of comparative assessment being participated in.

Article 6 Assessment committee

For each selection procedure, with Rector's Decree, upon the proposal of the department that has requested the contract, a committee is appointed for the assessment consisting of three members, chosen from among the first and second band professors, of which at least two members from another Italian or foreign university belonging to the same contest sector or to scientific-disciplinary sectors covered by the selection. In case of justified need the commissioners may belong to related scientific-disciplinary sectors according to the legislation in force.

Composition of the Commission is made available to the public through publication of the decree of appointment on the website of the University. From the date of publication shall begin the term of 10 days for possible objection regarding the Commissioners by the candidates.

The Committee identifies internally a President and a minute-taking secretary.

The Committee carries out its work in a collegial manner, assuming its deliberations by an absolute majority and may also make use of telematic tools.

Article 7 Method of performance of the selective procedure

The selection procedure is performed in accordance with the following modes:

a) Preliminary assessment of the candidates, with justified analytical assessment of qualifications, of the curriculum and of the scientific publications, including doctoral thesis, according to the criteria and parameters which are also recognised in the international arena, identified with Ministerial Decree no. 243 of 25.05.2011 and endorsed by the Selection Committee referred to in art. 6.

The Commission, upon its establishment, defines in detail the criteria to be used for the preliminary assessment and for the scoring of qualifications and of each of the publications submitted by candidates admitted to the public debate, always taking into account the parameters identified by Ministerial Decree no. 243 of 25.05.2011.

b) As a result of the preliminary assessment, the candidates that are comparatively most deserving are admitted to public discussion regarding qualifications and scientific publications, to the percentage extent indicated in the notice, ranging between 10 and 20 per cent of the same candidates, and not less than six units. Should the number of candidates be equal to or less than six, all will be permitted to attend the debate during which, where provided by the notice, sufficient knowledge of a foreign language will also be ascertained. c) After the discussion, a score is awarded for qualifications and to each of the publications submitted by the candidates permitted; the winner is determined on the basis of the scoring awarded.

Calling of the public discussion regarding the qualifications and the scientific publications will take place by telegram or registered letter with return receipt with notice of at least 20 days.

To support the afore-mentioned discussion candidates must be equipped with a suitable valid identification document.

The Commission must complete the work within three months by decree of appointment of the Rector. The Rector may extend only once by a month the deadline for completion of the procedure for justified reasons reported by the President of the Committee. At the end of the period for completion of the work without the documents having been provided, the Rector will dissolve the Committee and appoint a new one in replacement for the previous one.

For each sitting of the Committee a relevant report must be drawn up, initialled and signed by all of the members with its annexes.

In the case where the Rector finds irregularities in the conduct of the selection, it shall return with reasoned decision the documents to the Committee, assigning them a deadline for any changes.

The documents of the Committee, composed of the minutes of the meetings, are approved by Rector's Decree, and then transmitted to the department involved for the purposes of the relevant call proposal.

Article 8 Call

With every single procedure completed, the relevant department Committee, within 60 days from the approval of the documents, proposes to the Board of Directors calling of the selected candidate.

The proposal of the Department is adopted by an absolute majority of the I and II band professors.

The call is approved by the Board of Directors authorising conclusion of the contract of employment that will commence, as a rule, from the first day of the first relevant month.

Article 9 Object and duration of the contract

The winner shall conclude a contract of employment for a fixed period that is regulated by relevant legislation, also with regard to tax, care and social security matters.

The University also provides the insurance expressly provided for by law.

Remuneration is equal to the initial amount payable to the researcher confirmed depending on the regime of the commitment (for the full-time annual gross salary Euro 34,898.06 including the thirteenth month payment).

The contract lasts three years that is renewable for only two years and only once after a successful assessment of the teaching and research activities carried out, performed on the basis of the methods, criteria and parameters defined with Ministerial Decree no. 242 of 24.05.2011.

The researcher will be recognised the care and social security provided by the applicable laws and regulations for the fixed term employment relationships; they are recognised the measures provided by Legislative Decree 151/2001 regarding the protection and support of maternity and paternity rights under law 104/1992 for assistance, social integration and the rights of persons with disabilities pursuant to articles 3, 40 and 68 of Italian Presidential Decree no. 3/57 and subsequent amendments in the field of special leave and leave for illness. Remuneration for illness cannot exceed 12 months.

A trial period is provided for the duration of 6 months; the positive or negative assessment with regard to successful application is the responsibility of the deliberating committee of the department concerned; the trial period cannot be renewed or extended upon its expiry.

In the course of the trial period either party may with good reason withdraw from the rationship at any time and without notice.

In the event of early termination of the relationship, the researcher is required to give 30 day notice. The period of notice shall begin on the first day or on the 16th day of each month. In the event of failure to give notice the Administration has the right to retain from the employee an amount corresponding to the remuneration for the period of notice not provided.

Article 10 Work relationship

For the purposes of the reporting of the research projects, the figurative quantification of the yearly activities of research, study and teaching, with the associated preparatory tasks, verification and organisational duties, is 1,720 hours for full-time researchers. The total annual commitment for performance of the activities of educational, additional teaching and service to students is 350 hours for the full-time regime.

The fixed term researcher:

- conducts scientific research in the field of the contest sector that identifies its profile, mainly in the project "DIVERSITY", with a commitment of 32 months, according to the obligations provided by the European Commission;
- performs teaching activity, in compliance with the regulations in force and the regulations of the University, according to the determinations of the competent bodies;
- participates in the assessment committees of students' achievements and final test for achievement of the title of study issued by the University, also following production of thesis;
- performs tasks of tutoring and guidance with students for the purposes of preparation of study plans, establishing a timetable of appointments;
- may assume positions of responsibility on research projects in compliance with the regulations in force:
- participates in the activities of the Department and the meetings of the teaching Committees according to the procedures governed by the specific regulations.

The self-certification of the teaching activity, additional teaching and service to students takes place through compilation of the register of lessons (for face-to-face teaching activities) and possible further registers (for all other activities related to teaching).

The disciplinary competence is regulated by art. 10 of Law 240/2010 and art. 32 of the Statute.

Article 11 System of incompatibility and performance of additional tasks

The fixed term contracts of researchers are incompatible with:

- any other employment relationship with public or private subjects;
- ownership of research grants also with other universities;
- ownership of didactic contracts governed by the rules in force;
- doctoral or post-doctorate scholarships;
- any scholarship or grant, in general, for any qualification conferred.

Researchers are permitted to perform tasks unrelated to the employment relationship, at the request for authorisation transmitted to the Rector, as provided for in the University's rules and regulations for the granting of authorisations for the assigning of roles paid to full-time professors and researchers.

The fixed term contracts of researchers do not offer entitlement to access university roles.

Throughout the duration of the contracts referred to in this notice the employees of public administrations are located, without benefits or social security contributions, on leave or in a position outside of the role in the cases where the position is provided by the rules of membership.

Article 12 Assessment and extension of the contract

The assessment of teaching and research activities carried out by the holders of contracts takes place according to the criteria and parameters established by art. 2 of Ministerial Decree no. 242 of 24.05.2011 and is a necessary prerequisite for possible extension of the contract.

In the context of resources available for programming, the Department that has formulated a proposal to call the owner of this contract may, with the consent of the person concerned, propose, within six months prior to expiry of the contract, extension of the same once and only for two years, stating with reference to requirements of teaching and research.

The proposed extension is subject to the approval of the Board of Directors following the opinion of the Academic Senate.

Article 13

Processing of personal data

The data provided by the applicants with the application for participation in the selection will be collected from the offices of the University and will be processed exclusively for the purposes of administration of this procedure within the meaning of Legislative Decree 30th June 2003, no. 196 "Code for the Protection of Personal Data".

Article 14

Returning of documents and publications

The returning of publications deposited at the University Selections organisational and legal management unit, Via dei Caniana, 2 - 24127 Bergamo will take place, at the request of the applicants, after the expiry dates for any appeals, unless where disputes may be in progress.

The collection of publications must take place in person (or by a person with appropriate powers of representation) from the offices of this Administration and can be arranged by appointment.

At the end of the period of six months from the date of the Rector's Decree of Approval of the Documents of this procedure this Administration is no longer responsible for keeping and returning the documentation deposited at the offices.

The publications of the winners appointed to the role will be deposited with the relevant Department.

Article 15 Procedure manager

The person responsible for the process of selection referred to in this notice is William Del Re, Dirigente Responsabile dei Servizi Amministrativi Generali (Director of the General Administrative Services) at Via dei Caniana, 2 - 24127 Bergamo, tel. 035 2052 876, fax 035/2052862, e-mail address: selezionipersonale@unibg.it.

Article 16 Final provisions

For anything not provided in this notice shall apply the law 240/2010 and subsequent amendments and additions and the University's rules and regulations for the recruitment of fixed term university researchers, the current regulations of the university, as well as those relating to access to employment in the public administration.

This notice is published in the Gazzetta Ufficiale IV^ Serie Speciale - Concorsi ed esami (Official Journal IV^ Special Series - Contests and exams), on the site of the Ministry of Education, University and Research (MIUR) and the European Union within the meaning of Art. 24, paragraph 2 subparagraph a) of Law 240/2010 in the form of a notice and the Albo Ufficiale dell'Università degli Studi di Bergamo (Official Register of the University of Bergamo) at the web address and http://www.unibg.it/struttura/struttura.asp?cerca=aten o_albo.

The integral notice of contest and the application forms will be published on the following web page http://www.unibg.it/struttura/struttura.asp?cerca=bandi_personale_02.

Further information and detailed rules can be requested from the office Servizi amministrativi generali - Unità organizzativa Selezioni e gestione giuridica (general administrative services- Selections organisational unit and legal management), Via Dei Caniana, 2 - 24127 Bergamo, e-mail selezionipersonale@unibg.it - tel. +39 035 2052 876, fax +39 035 2052 862.