



Freie Universität Bozen
Libera Università di Bolzano
Università Lìedia de Bulsan

FREE UNIVERSITY OF BOZEN-BOLZANO

SELECTION PROCEDURES for the conferral of

4

fixed-time RESEARCH ASSISTANT CONTRACT for COLLABORATION at RESEARCH ACTIVITY

Rector's Decree
of 17.10.2017,
no. 543/2017

FREE UNIVERSITY OF BOZEN-BOLZANO
RECTOR'S DECREE
no. 543/2017

Selection procedures for the awarding of 4 fixed-time research assistant contracts for collaboration at research activity

THE RECTOR

IN VIEW OF the Statute of the Free University of Bozen-Bolzano;

IN VIEW OF the law 30th December 2010, no. 240, stating "Provisions concerning the organization of universities, academic personnel and recruitment, as well as the delegation of the Government for providing incentives for the quality and efficiency of the university system", and in particular its art. 22 concerning the awarding of research assistant contracts for the performance of research activity;

IN VIEW OF the Ministerial Decree 9th March 2011, no. 102, determining the gross minimum amount of the research assistant contract advertised according to Art. 22 of the law 30th December 2010, no. 240;

IN VIEW OF the 'Regulation of the research assistant contracts according to Art. 22 of the law 240/2010, in force;

IN VIEW OF the 'Regulation concerning the remuneration of researcher and holder of research assistant contracts, in force;

IN VIEW OF the deliberation of the Faculty Council of the Faculty of Science and Technology from 20.09.2017, no. 230, requesting the awarding of one fixed-time research assistant contract for collaboration at research activity in the disciplinary-scientific sector CHIM/06 (Organic Chemistry);

IN VIEW OF the deliberation of the Faculty Council of the Faculty of Science and Technology from 04.10.2017, no. 245, requesting the awarding of one fixed-time research assistant contract for collaboration at research activity in the disciplinary-scientific sector ICAR/02 (Costruzioni Idrauliche e marittime e idrologia);

IN VIEW OF the deliberation of the Faculty Council of the Faculty of Science and Technology from 18.05.2017, no. 131 requesting the awarding of one fixed-time research assistant contract for collaboration at research activity in the disciplinary-scientific sector ING-IND/17 (Mechanical Industrial Plants);

IN VIEW OF the deliberation of the Faculty Council of the Faculty of Science and Technology from 20.09.2017, no. 231 requesting the awarding of one fixed-time research assistant contract for collaboration at research activity in the disciplinary-scientific sector ING-INF/04 (Systems and Control Engineering);

VERIFIED that the fixed-time research assistant contracts for collaboration at research activity requested by the Faculty of Science and Technology enjoy the necessary financial backing;

DECREES

Art. 1

Object of the selection procedures

- 1) The Free University of Bolzano, hereinafter referred to as University, announces 4 selection procedures for the awarding of 4 fixed-time research assistant contracts for collaboration at research

activity for the faculty and disciplinary-scientific sector hereafter indicated.

Faculty of Science and Technology

PIS: 126013

CUP: I52F16000550005

Disciplinary-scientific sector: CHIM/06 (Organic Chemistry)

Competition Sector: 03/C1 (Organic Chemistry)

Title of research project: IMPACTS - Investigating the Molecular Properties of AmsI from *Erwinia amylovora*. Control of fire blight by AmsI inhibition, towards a sustainable phytosanitary strategy.

Description of the research activity: Purification and crystallisation of AmsI in complex with inhibitors, collecting and processing of crystallographic data, binding experiments using ITC, writing scientific articles

Minimum curricular requirements necessary in order to carry out the research with details of the scientific and professional profile required for research activity:

- Master in biology, chemistry, physics, or in a topic relevant to the techniques to be used in the project
- Knowledge of English

Preferential title: Ph.D. or equivalent

The gross annual remuneration: 19.731,00 € Euro

Number of places: 1 (one)

Duration of the contract: 12 months

Type of selection: Qualifications

Language of the interview: /

The assessment criteria: • Relevance of the topic of the Master thesis and other experiences with the topic of research (maximum 45 points)

- Publications (Impact factor and number of citations maximum 35 points)
- Experience in a European research laboratory outside Italy (maximum 20 points).

Criteria for determining the part of the candidate in publications with more than one author: The contribution of the candidate in the publications must be specified by the candidate in the list of publications

Criteria:

- a) the order of names: first author, coordinator;
- b) consistency with the rest of the scientific activity;
- c) the objective possibility to identifying the personal contribution of the candidate on the basis of unequivocal indications contained in the publications.

Criteria for the evaluation for the interview: /

Maximum duration of the interview: /

Object of the interview: /

Score to attribute to the evaluation, respectively, of the qualifications, of the publications and of the interview: 100

Minimal score which is necessary for admission to the oral exam: /

Total minimum score in order to declare the candidate suitable for the position: 60

Supervisor: Dr. Stefano Benini

Place of work: Bolzano - Bozen

Session: V 2017

Faculty of Science and Technology

PIS: 126474

CUP: I52F16000940005

Disciplinary-scientific sector: ICAR/02 (Hydraulic structures, maritime engineering and hydrology)

Competition Sector: 08/A1 (Hydraulics, Hydrology, Hydraulic and Maritime Structures)

Title of research project: HM - Sustainable management of hydroelectric production, Hydropeaking Mitigation: morphological mitigation measures assessment through development of a 3D fluid dynamic model coupled with physical habitat suitability model.

Description of the research activity: One possible way to study the hydropeaking-induced ecological implications is the coupling of hydrodynamic models with habitat suitability models, where hydrodynamic parameters are generally used to describe the physical habitat of target species. The proposal seeks to analyze the differences in habitat suitability assessment between 2D and 3D fluid dynamics simulations, used as inputs for the CASIMIR habitat suitability model.

The advantage of using a 3D fluid dynamics model instead of a 2D is due to the more reliable and more detailed representation of the flow field, particularly with regard to the near bed hydraulic parameters, which are most important parameters for some target species. Therefore, the use of a 3D approach can lead to a more reliable estimate of high-quality habitat areas, and hence a more realistic representation of effects induced by morphological measures of hydropeaking attenuation.

The research activity will focus on fluid dynamics modelling of different morphological intervention scenarios with 2D/3D models, possibly coupled with the results of both laboratory and field measurements. The mitigation measures will be analysed by comparing experimental analyses (conducted at laboratory of Hydraulics-University of Trento, Bolzano and/or in real cases in the field) with the results of the fluid dynamics simulation for the habitat suitability assessment.

Minimum curricular requirements necessary in order to carry out the research with details of the scientific and professional profile required for research activity:

PhD in Hydrodynamics, Hydraulics or Environmental Engineering or similar disciplines

Master's Degree in Civil and Environmental Engineering or Equivalent.

Proven research experience and appropriate knowledge in the field of fluid-dynamic modeling of free-surface flows, which is a prerequisite for carrying out the research activity that is the subject of the call.

Proven research activities and adequate knowledge of habitat suitability assessment methods.

Preferential title: /

The gross annual remuneration: 23.000,00 Euro

Number of places: 1 (one)

Duration of the contract: 12 months

Type of selection: Titles and oral exam

Language of the interview: English and Italian

The assessment criteria: Master Degree: max. 10 points thus determined:

- 110 cum laude/110 = 10 points
- 110/110 = 8 points
- between 107 and 109 = 6 points

PhD consistent with the sector for which call is activated: max. 15 points

Evaluation criteria:

- Relevance of the title with the research topic: 10 points
- Relevance of the title with the research sector: 5 points

CV: max. 10 points

- research grant related to the research area declared in the call and/or to the scientific sector stated in the notice: up to 3 points for 3 months of activity;
- collaboration contract with universities or research organizations for activities related to the research area declared in the call: up to 2 points for 3 months of activity;
- collaboration contract with private institutions or consortia for activities related to the research area declared in the call: points 1 for 3 months of activity;
- scholarships at universities or research institutes for activities related to the research area declared in the call and/or to the scientific sector stated in the notice: up to 2 points for 3 months of activity;
- research collaborations (stages, training/research activities) for activities related to the research area declared in the call and / or the scientific sector stated in the call: up to 2 points for 3 months of activity ;
- training courses related to topics relevant to the research area: max. points 2.

Publications (max. 35 points)

- articles in international journals with IF (impact factor): max. points 10;
- articles in international journals without IF with referee: max. points 6;
- articles in national journals (in Italian or in other languages) with referee: max. points 3;
- international monographs: max. points 5;
- national monographs (in Italian or in other languages): max. points 4;
- chapters of books in international books: max. points 4;
- chapters of books in national books (in Italian or in other languages): max. points 3.

Criteria for determining the part of the candidate in publications with more than one

author: a) the order of names: guide, drafter, coordinator;

(b) consistency with the rest of the scientific activity;

c) the objective possibility of identifying the applicant's personal contribution by means of unambiguous indications contained in the publications.

Criteria for the evaluation for the interview: Oral exam (max. 30 points), evaluation of:

- the candidate's ability to motivate and justify the choices and content of the research topics he will illustrate;
- the methodological rigour;
- the clarity in the discussion;
- the degree of knowledge of the subject matter of examination;
- the degree of mastery of the research topics;
- the level of updating of knowledge in the specific disciplinary sector for which the call has been opened
- knowledge of English.

Maximum duration of the interview: /

Object of the interview: The exam/exams will cover:

- (a) the discussion of titles and publications,

- b) the general and specific topics in the scientific and disciplinary field for which the research call has been opened,
- c) the deepening of the scientific and professional experience of the candidate, with particular reference to the research activities mentioned in the notice

Score to attribute to the evaluation, respectively, of the qualifications, of the publications and of the interview: 100

Minimal score which is necessary for admission to the oral exam: /

Total minimum score in order to declare the candidate suitable for the position: 60

Supervisor: Prof. Maurizio Righetti

Place of work: Bolzano - Bozen

Session: V 2017

Faculty of Science and Technology

PIS: 118441

CUP: I52F16000670006

Disciplinary-scientific sector: ING-IND/17 (Mechanical Industrial Plants)

Competition Sector: 09/B2 (Mechanical Industrial Plants)

Title of research project: COCKPIT: COlaborative Construction Process managementT

Description of the research activity: Research and development of approaches and methodologies for modeling, planning and supervising in real-time the construction process. Participation of workshops with local companies to identify the requirements for the development of the methodology. Identification and analysis of methodologies and software applications commonly used to plan, schedule and monitor construction projects. Identification of strengths and weaknesses according to the research area.

Support in the definition of requirements to develop a software prototype with the following functionalities: 1) modeling of the construction process, 2) short-term scheduling of tasks on-site and 3) monitoring/supervision in real-time of the construction progress.

Collaboration in the publication of the reached results in the scientific environment.

Minimum curricular requirements necessary in order to carry out the research with details of the scientific and professional profile required for research activity:

Knowledge of English at working proficiency level. The minimum required study degree is Bachelor of Science.

Preferential title: Ph.D. or equivalent

The gross annual remuneration: € 24.981,58

Number of places: 1 (one)

Duration of the contract: 24 months with possible contract renewal up to 12 months given the previous positive evaluation of the performed activity and the determination of the availability of the relating budget.

Type of selection: Titles and interview

Language of the interview: English or German

The assessment criteria: Max. 70 points, divided as follows:

1. Master of Science or equivalent qualification; max. 15 points
2. Working and research experience, acquired knowledge, and research bursaries, evaluated also with regard to their relevance for the project objectives; max. 35 points
3. Documented knowledge of methodologies and techniques of Project Management; max. 20 points

Criteria for determining the part of the candidate in publications with more than one author: It is assumed that candidates contribute equally

Criteria for the evaluation for the interview: max. 30 points

1. Knowledge of methodologies and approaches of Project Management
2. Knowledge of programming/machine languages
3. Knowledge of English or German

Maximum duration of the interview: About 60 minutes for each candidate

Object of the interview: Assessment of knowledge of the English or German language. Assessment of knowledge of methodologies and approaches in the field of Project Management and Lean Manufacturing

Score to attribute to the evaluation, respectively, of the qualifications, of the publications and of the interview: 100

Minimal score which is necessary for admission to the oral exam: 40

Total minimum score in order to declare the candidate suitable for the position: 70

Supervisor: Prof. Werner Nutt/Prof. Dominik Matt

Place of work: Bolzano - Bozen

Session: V 2017

Faculty of Science and Technology

PIS: 125987

CUP: I52F17001040005

Disciplinary-scientific sector: ING-INF/04 (Systems and Control Engineering)

Competition Sector: 09/G1 (Systems and Control Engineering)

Title of research project: Development of a Modular Autopilot to Support Field Robotics Research

Description of the research activity: The effort will involve research in support of the overall goal of developing field robot platforms and systems:

- Dynamic modeling and simulation (e.g. in Matlab and Simulink)
- System identification and experimental validation
- Development of software and system architecture for control and navigation of unmanned

vehicles using C/C++ and robotic software, such as ROS, LCM, and MOOS

- Basic electronics
- Low-level (nonlinear) control
- High-level autonomy (trajectory planning, task planning & assignment, decision making, obstacle avoidance)
- Human robot interaction and adjustable autonomy for unmanned vehicle systems
- Field testing

Publication of scholarly results and assistance with proposal writing on topics in robotics, in particular field robotics.

Minimum curricular requirements necessary in order to carry out the research with details of the scientific and professional profile required for research activity:

- PhD or equivalent in:
 - 1) academic discipline ING-INF/04 (Systems and Control Engineering); or
 - 2) a related 09/A field, such as Mechanical Engineering, Aeronautical or Aerospace Engineering, Ocean/Marine Engineering coupled with a strong educational and research background in ING-INF/04 topics.
- Experience in the areas of automatic control
- Experience with the implementation and/or development of software for robotics and unmanned vehicles
- Experience in Dynamic modeling and simulation for robotics and unmanned vehicles
- Experience performing experimental robotics work

Preferential title: /

The gross annual remuneration: 24.965,00 €

Number of places: 1 (one)

Duration of the contract: 12 months

Type of selection: Titles and Interview

Language of the interview: English/Italian

The assessment criteria: Academic and professional qualifications: up to a maximum of 55 points:

- Possession of a PhD degree (or equivalent, obtained in Italy, or abroad) in a field consistent with this announcement (max. 20 points);
- max 10 points for final marks on the laurea degree:
 - up to 83/110 = 0 points;
 - 88/110 = 3 points;
 - 94/110 = 5 points;
 - 99/110 = 8 points;
 - 108/110 = 10 points.
- Experience (professional or project) in the areas of automatic control (max. 10 points);
- Research activities (e.g. research grants at the university level or research positions at major research institutions) in robotics/unmanned vehicle systems (max. 10 points)
- Participation as a speaker at national and international conferences (max. 5 points)

Publications: Evaluation criteria include: originality; scientific significance; diffusion within the scientific community; the number of authors; and congruency of the methods employed in the publications to the research field and the sector. (max. 20 points).

Criteria for determining the part of the candidate in publications with more than one author: For publications with multiple authors, the individual contribution of the candidate, if not obvious from the text, is determined based on a duly signed statement of the authors of the work on the contribution of the individual. In the absence of such a declaration, the contribution among the various authors will be considered equally weighted.

Criteria for the evaluation for the interview: max. 25 points

In the oral exam the following points will be evaluated

- The ability of the candidate to justify own solutions and results of the research activities
- The level of knowledge of the announced scientific-disciplinary sector
- Italian and English language skills

Maximum duration of the interview: About 60 minutes for each candidate

Object of the interview: a) Experience with the implementation and/or development of software for robotics and unmanned vehicles
b) Experience in Dynamic modeling and simulation for robotics and unmanned vehicles
c) Experience performing experimental robotics work

Score to attribute to the evaluation, respectively, of the qualifications, of the publications and of the interview: 100

Minimal score which is necessary for admission to the oral exam: 50

Total minimum score in order to declare the candidate suitable for the position: 70

Supervisor: Prof. Karl von Ellenrieder

Place of work: Bolzano - Bozen

Session: V 2017

Art. 2

Requirements for admission

- 1) Candidates must have completed the requirements at the expiry date for submission of the applications for admission to the selection procedure.
The Commission of selection, for the sole purpose of the aims of the present selection procedure, will evaluate the equipollence of the candidate's qualification title conferred abroad.
Italian citizenship is not required.

Art. 3

Accumulation prohibition

- 1) The research assistant contract may not be combined with awarded study grants, except those awarded by national or foreign institutions to integrate the research activity for stays abroad, and with other research assistant contracts awarded by other institutions.

Art. 4

Incompatibility and compatibility

- 1) The following cannot be holder of research assistant contracts:
 - a) the personnel of the University, of public research and experimentation institutions and bodies, of the Agency for the New Technologies, Energy and Sustainable Economic Development (ENEA) and of the Italian Space Agency (ASI), as well as of institutions whose degree of scientific specialization has been recognized as equipollent to the qualification of research doctor following Art. 74, paragraph 4, of the DPR no. 382/1980;
 - b) the personnel in service by public administrations other than those indicated in letter a), except in case of unpaid leave by that administration, for the period of length of the research assistant

- contract;
- c) those having family or kinship relation, up to the fourth degree, with a professor of the Department awarding the research assistant contract, with the Rector, the General Director or with a member of the University Council;
 - d) those attending university courses (triennial university degree or university degree pre-reform regime), a specialist or magister degree, a research doctorate with grant or medical specialization, in Italy or abroad.
- 2) The research assistant contract is furthermore incompatible with other didactic contracts with Universities and institutes in Italy or abroad, except as provided in Art. 5, paragraph 3 of the 'Regulation of the research assistant contracts according to Art. 22 of the law 240/2010', and with other contracts for research activities conferred by the Free University of Bozen-Bolzano.
 - 3) The incompatibilities as per point 1 and 2 cannot exist at the beginning of the collaboration.
 - 4) The conferral of a research assistant contract is compatible with a collaboration contract or an intellectual work contract for research activities awarded by other universities and institutes in Italy and abroad, by approval of the person responsible of the research project.

Art. 5

Conditions for presenting the application for participation

- 1) To participate in the present selection procedure candidates must fill in an application form in unstamped paper, according to the model of attachment 'A' and available on the web page of the University

<https://www.unibz.it/en/home/position-calls/positions-for-academic-staff/?group=18&year=2017>

within the **22.11.2017**.

FOR THE PROCEDURE 1N6-12F104 WITHIN THE 22.12.2017

- 2) The application, duly dated and signed at the last page, must be addressed to:

Free University of Bozen – Bolzano
 Personnel Office Academic Staff
 Piazza Università, 1 - C. P. 276
 39100 Bozen-Bolzano

The application for participation in the selection procedures may also be directly handed in (opening hours: from Monday to Friday from 8:30 a.m. to 12:30 a.m. and from 2 p.m. to 5 p.m.) or sent by post with registered letter with notification of reception or any other form appropriate to certify the reception within the above mentioned final date (**personnel_academic@pec.unibz.it**). Therefore, shall be considered proof the date stamp of the accepting post office according to the D.P.R. 28th December 1970, no. 1077.

The candidate is obligated to add to the application in paper form, a data carrier (memory-stick or cd) which contains a digital copy of all documents produced (the same holds true for the publications).

The University disclaims liability for possible postal mis-deliveries.

- 3) On the package the candidate, in addition to the requirements mentioned in paragraph 2, must affix the inscription: "Application: selection procedure for the awarding of two fixed-time research assistant contracts for collaboration at research activity" and accurately indicate the faculty, the initials and the denomination of the disciplinary-scientific sector, the title of the research project and the candidate's name, surname and address for the present selection procedure (the address for the present selection procedure is the candidate's elected domicile for the receipt of the communications relating to this procedure).
- 4) On the application (see attachment 'A") the candidate must clearly indicate her/his name and surname and must declare, under own responsibility:

- a) the date and place of birth;
 - b) the code of personal identification (fiscal code);
 - c) the residence, with the indication of the street, the street number, the town, the province, the postcode;
 - d) the possessed citizenship;
 - e) the municipality on whose electoral lists she/he is registered or the reasons for the non-registration or cancellation from such lists.
Foreign nationals must declare to enjoy civil and political rights in the country on which they belong;
 - f) not having been convicted of criminal offences and not having pending criminal suits (otherwise to indicate
 - g) not to exceed the superior limit of twelve years, also of non-continuous periods; therefore are considered the total duration of the contracts under Art. 22 (Research assistant contracts) and Art. 24 (fixed-time researchers) of the law 30th December 2010, no. 240, also between different universities, public, non-public or telematic ones, and with bodies as provided in Art. 22, paragraph 1 of the law no. 240/2010, as well as the duration of the contract of the present call;);
 - h) not to exceed the total duration of 6 years of the contracts under Art. 22 of the law 30th December 2010, no. 240 as amended (Research assistant contracts) including renewals and contracts between different universities/bodies, as well as the duration of the contract of the present call (the period of a Research assistant contract during a PhD study place with grant does not count within the regular study period);
 - i) to have taken note of the provisions cited in the present call;
 - j) the content of the digital copies of all documents produced correspond to the content of the copies produced on paper;
 - k) the employment by a public administration according to letter b) of Art. 4 of the present;
 - l) not having family or kinship relation, up to the fourth degree, with a professor of the Department making the proposal of the activation of the contract, with the Rector, the Director or with a member of the University Council;
 - m) the declaration concerning the fulfillment of military duties (that declaration must be made only by male candidates);
 - n) that everything in the curriculum vitae (CV) that has been attached to this application is true and s/he gives the person in charge of the selection procedure the permission to undertake any checks on any substitute declarations that have been presented by the undersigned for the purposes of this selection procedure;
 - o) to give the permission for the use of personal details that s/he has supplied to be processed as per Italian legislative decree 196/2003 for any procedures that are connected to this selection procedure and any contracts that may be drawn up as a consequence;
 - p) the address chosen for the receipt of communications relating to the selection procedure she/he has applied for (address with postcode, telephone number, possible e-mail-address or fax number) and the commitment to inform the University in case of possible subsequent variations of those data.
- 5) Candidates with recognized disabilities must expressly specify in their application any aid needed in relation to their handicap and the possible necessity of further time for the performance of the exams, according to art. 20 of the law 5th February 1992, no. 104.
- 6) Any variation of the candidate's data according to paragraph 4 of the present article must be immediately communicated in writing to this Administration.
- 7) The University accepts no responsibility for cases in which candidates are untraceable or when the communications are undeliverable due to imprecise indication of the address, or belated or lack of notification on the part of the candidate regarding a change of the address declared in the application. The University also disclaims liability for mail going astray, whether third parties are to blame, or whether it is attributable to mishaps, or to *force majeure* and which, in any case, is in no wise ascribable to the University. It accepts no blame when the return delivery slip indicating receipt of the application, of documents or of communications relating to the selection procedures fails to arrive. If the candidate's address differs from that of her/his place of residence, again the University is exempt

from responsibility should a registered letter with notification of receipt arriving at the place which the candidate had specified as his address during the period of selection, fail to reach her/him.

Art. 6

Presentation of qualifications

- 1) Considered that, in accordance to the present call, by 'qualifications' are intended those scientific, didactic and artistic ones and the publications, and for 'certificates' any document proving the possession of a certain qualification, the candidate must enclose at the application for participation in the selection procedure in unstamped paper:
 - a) 1 copy of a valid identity document and the fiscal code;
 - b) 1 photocopy of the curriculum vitae regarding the didactic and scientific activity and drawn up according to the model of attachment 'C';
 - c) didactic and scientific qualifications believed useful for the comparative assessment;
 - d) 1 photocopy of the list of the publications believed useful for the comparative assessment and drawn up in accordance with article 7 paragraph 3 of this call;
 - e) 1 photocopy of the list of all documents enclosed at the application [generic list of those materially inserted in the envelope, or the documents required by letters a), b), c) and d) of the present paragraph].
- 2) The qualifications indicated in paragraph 1, letter c), of the present article, if issued by Italian Public Administration, must be produced in one of the following forms:
 - a) in copy corresponding to the original as certified by substitutive declaration of the deed of notoriety according to art. 47 of the D.P.R. 28th December 2000, no. 445. In that case the candidate must produce:
 - 1 copy of each qualification;
 - 1 declaration drawn up according to the model of attachment 'B', signed and dated at the last page, where the candidate, under own responsibility, declares that the copies of the enclosed qualifications, exactly described, and in particular with regard to the date of attainment, place and Administration issuing the qualification, correspond to the original. That declaration at the same time serves as list of the qualifications, in which case the latter ones do not have to be produced;
 - 1 copy of an identity document;
 - b) in form of a self-declaration according to the model of attachment 'B' (substitutive declaration of certification according to art. 46 of the D.P.R. 28th December 2000, no. 445), where the candidate, under own responsibility, declares to possess the qualifications, exactly described, in particular with regard to the date of issue, place and Administration issuing the qualification. In that case the candidate must produce:
 - 1 copy of the attachment 'B', signed and dated at the last page, which at the same time serves as list of the qualifications, in which case the latter ones must not be produced;
 - 1 copy of an identity document.

The University cannot request nor accept certificates issued by other Italian public offices.

If the above-mentioned certificates should be enclosed at the application for participation in the selection procedure, they will not be considered by the Commission of selection.

The qualifications issued by private corporation or abroad can be produced in one of the following forms:

- a) in original;
- b) in certified copy;
- c) in copy corresponding to the original as certified by substitutive declaration of the deed of notoriety or in form of a self-declaration according to the above-mentioned model of attachment 'B'.

The above mentioned declarations drawn up according to the model of attachment 'B' may be used by Italian citizens and also by citizens of the EU.

The declarations according to the above-mentioned articles of the D.P.R. 28th December 2000, no. 445, may be used by non-EU citizens, if it is necessary to proof conditions, facts and personal qualities certifiable or attestable by public or private Italian bodies or bodies of the EU, without prejudice of special provisions in laws and regulations concerning immigration matters and the condition of foreigners. If the declarations according to the above-mentioned articles of the D.P.R. 28th December 2000, no. 445 are used in other cases than the above mentioned, the winner of the procedure has to submit, before the employment, the certificates as per paragraph 7.

- 3) The curricula and the lists mentioned in letters d) and e) of paragraph 1 of the present article must be signed and dated in the last page.
- 4) No qualification sent to this Administration will be returned.
- 5) The sending of the publications does not enable to correct the missed or late submission or mailing of the application for participation in the selection.
- 6) Without prejudice to the exceptions expressly provided by law, the above-mentioned attachment 'B' may further be used by the candidate to declare standings, facts and personal qualities of her/his direct knowledge, not expressly indicated in art. 46 of the D.P.R. 28th December 2000, no. 445.
- 7) With regard to non-EU citizens, the certificates issued by the competent Authorities of the country the person belongs to, must be in accordance with the provisions in force in those countries and must also be legalized by the competent Italian consular authorities.
- 8) With regard to conditions, facts and personal qualities self-certificated by the candidates for the present selection procedures the University has the possibility to exercise appropriate checks, also random ones, regarding their truthfulness.

In case of mendacious declaration, the candidate, further than being excluded from the selection procedure, will be denounced according to the Criminal Code and the special laws regarding the matter, according to the provisions cited in art. 76 of the D.P.R. 28th December 2000, no. 445.

- 9) The qualifications may be produced in their original language if it is one of the following: Italian, French, English, German and Spanish.

It is in the authority of the Commission of selection to request the candidates integrations of the qualifications submitted in French, English, German or Spanish language, by forwarding the correspondent translation in Italian.

The translation in Italian language must be accompanied by a substitutive declaration of the deed of notoriety where the candidate, according to art. 47 of the D.P.R. 28th December 2000, no. 445, certifies the conformity of the translated text with the original (see attachment 'B').

- 10) Any certificate or diploma drawn up in a language different than Italian, French, English, German and Spanish, submitted by Italian, EU or non-EU citizens, must be enclosed, according to paragraph 3 of Art. 33 of the D.P.R. 28th December 2000, no. 445, the correspondent Italian translation, which is certified conform to the original text by the competent diplomatic or consular representation or by a official translator. The certificates or diplomas drawn up in a different languages than those above mentioned, in case of lacking translation, will not be assessed by the Commission of selection.

Art. 7

Sending of the publications

- 1) The sending of the application for participation may be enclosed by the forwarding of the publications. The publications that the candidate believes useful for presentation at the comparative assessment and which have been indicated in the application for participation according to art. 4, paragraph 1, letter d), must be sent within **22.11.2017** by post with registered letter with notification of reception or any other form appropriate to certify the reception or handed in by hand (opening hours: from Monday to Friday from 08:30 a.m. to 12:30 a.m. and from 2 p.m. to 7 p.m.) to the

Free University of Bozen-Bolzano
Personnel Office Academic Staff

PJ
8.11.17

* FOR THE PROCEDURE IN 6-146/04 WITHIN THE 22.12.2017

Piazza Università, 1 - C. P. 276
39100 Bozen-Bolzano

In relation to publications sent by registered letter with notification of reception proof shall be considered the date stamp of the accepting post office according to the D.P.R. 28th December 1970, no. 1077.

The University disclaims liability for possible postal mis-deliveries.

- 2) Publications will only be evaluated when they can be traced in public catalogues as publications.
- 3) Together with the publications, there must be enclosed a correspondent list, signed and dated at the last page. The Publications must be mentioned in chronological order within each category following the International Standard for bibliographic references with DOI whenever possible. With multiple authorship, if one is the main author, that author's name appears in *Italics*. In addition, in the left-hand margin please star (*) what you consider were especially significant publications. Where relevant, citation index and impact of journal.
- 4) On the package containing the publications must be affixed the inscription "Publication: selection procedure for the awarding of a fixed-time research assistant contract for the collaboration at research activity" and be accurately indicated the faculty, the initials and the denomination of the disciplinary-scientific sector, the title of the research project and the candidate's name, surname and address for the present selection procedure (the address for the present selection procedure is the candidate's elected domicile for the receipt of the communications relating to this procedure).
- 5) Publications handed in or sent after the final term as indicated in paragraph 1 of the present article cannot be considered by the Commission of selection.
- 6) For the present selection procedure are considered assessable the print extracts and the works which, at the moment of the deadline of the call, have been subject to legal deposit according to the provisions of the law 15th April 2004, no. 106, put into effect with D.P.R. 3rd May 2006, no. 252.
- 7) The publications, with 1 copy of the correspondent list attached, may be sent:
 - a) in original;
 - b) in certified copy;
 - c) in photocopy. In that case a substitutive declaration of the deed of notoriety (to be drawn up according to the model of attachment 'B' and signed at the last page, with the production of a photocopy of an ID) must be attached, where the candidate, according to art. 47 of the D.P.R. 28th December 2000, no. 445, certifies the conformity of those produced with the original and indicates the author, the title of the work, the place and date of publication and the number of the work.
- 8) In case the candidate produces copies declared conform to the originals according to paragraph 7, letter c), of the present article:
 - a) for works printed in Italy it is also necessary to attest the date of deposit of the printing according to the law 15th April 2004, no. 106, put into effect with D.P.R. 3rd May 2006, no. 252;
 - b) for works printed abroad the date and place of publication must be indicated.
- 9) The publications may be produced in their original language if it is one of the following: Italian, French, English, German and Spanish.

It is in the authority of the Commission of selection to request the candidates integrations of the publications submitted in French, English, German or Spanish language, by forwarding the correspondent translation in Italian.

The translated texts must be produced in typewritten copies with the text printed in the original language and must be accompanied by a substitutive declaration of the deed of notoriety where the candidate, according to art. 47 of the D.P.R. 28th December 2000, no. 445, certifies the conformity of

the translated text with the original (see attachment 'B').

- 10) The publications whose original language is different than Italian, French, English, German and Spanish must be translated in one of the above-mentioned languages.

It is in the authority of the Commission of selection to request the candidates integrations of the translations submitted in another language than Italian, by forwarding of a translation in Italian of the text already translated.

The translated texts must be produced in typewritten copies with the text printed in the original language and must be accompanied by a substitutive declaration of the deed of notoriety where the candidate, according to art. 47 of the D.P.R. 28th December 2000, no. 445, certifies the conformity of the translated text with the original (see attachment 'B').

- 11) For selection procedures concerning linguistic matters publications may be produced in the language or languages the selection procedure relates, even if different of those indicated in paragraph 9 of the present article.
- 12) The publication must be produced in any case, even in case they have already been submitted by this or other Administrations for participation at other selection procedures.
- 13) The missed sending of the publications within the provided date is not considered as renunciation of participating in the selection procedure. Nevertheless, the Commission of selection assesses the candidate only on the basis of the curricula and can therefore not assess the scientific works even if they are personally known by its members.

The Commission of selection does not take into consideration publications not conforming to the required format or in different edition as those indicated in the application for participation in the selection procedure.

- 14) No scientific work sent to this Administration will be returned. Nevertheless, the candidates may require its possess, except in case of pending controversy and according to the provision of the subsequent article 22, by going, personally or on behalf of a delegate, to the Personnel Office Academic Staff within the term of six months starting from the date of the Rectoral decree of confirmation of the regularity of the records. After this term has passed it is in the power of the University to dispose freely of the material not withdrawn.

Art. 8

Exclusion from participation at the selection procedure

- 1) The candidates are admitted conditionally at the selection procedures. Therefore, exclusion through failing to meet the prescribed requirements is provided for with due decree of the Rector of the University at whatever stage of the procedure.
- 2) In particular, are excluded those:
 - a) presenting an application which is not signed;
 - b) presenting applications which, for any reasons, are not sent by post or consigned by the final deadline indicated in art. 5, paragraph 1 of the present call.

Art. 9

Renunciation of participation

- 1) The renunciation of participation at the selection procedure (to be drawn up according to the model of attachment 'C') must be sent by fax to the President of the Commission of selection (fax number: +39 +39 0471 017009) and, for information, to the person in charge of the procedure.
Renunciations preceding the formation of the Commission of selection must be subsequently sent to the person in charge of the procedure (fax number: +39 0471 011309).
- 2) Renunciation takes effect from the Commission's first meeting following the date of its receipt.

- 3) The absence of the candidate at the interview is considered implied renunciation to the selection procedure.

Art. 10

Commission of Selection

- 1) The assessment is to be carried out by a Commission of selection, to be constituted of three members belonging to university staff from Italy or abroad.
The members of the Commission of selection must be active in the relevant research area or in the disciplinary area the research project or the research activity refers.
- 2) The members of the Commissions of selection are appointed by the Department requesting the selection procedure.
- 3) The Commission of selection is appointed by special provision to be published also on the University's web page.
- 4) The Commission of selection remains in charge for six months and may be renewed only once and for not more than four months.

In case the work has not been completed within the extended period, the Rector, with due provision, will start procedure for the replacement of the Commission or the members responsible for the delay, establishing at the same time a new term for the conclusion of the work.

- 5) In case of selection procedures based on only qualifications the Commission of selection, for carrying out its meetings, may make use of telematics tools for collective work, on condition that all documentation submitted for the selection procedure is available in digital form.

Art. 11

Selection of the candidates

- 1) The comparative assessment is based on qualifications and, if provided by the call, examination/s.
- 2) The interview, if provided, may be performed also by videoconference.
- 3) In case one or more examinations are provided, the dates will be notified to the candidates not less than 20 days before taking place, with indication of the time and place they are being held.

To sit the examination/s, the candidate must be equipped, with the exclusion of others, of one of the following currently valid documents of recognition provided in art. 35, paragraph 2 of the D.P.R. 28th December 2000, no. 445: identity card, passport, driving licence, railway record-book, postal card, firearms licence. The mentioned documents must contain a recent photograph of the candidate and her/his signature be authenticated by a mayor or a public notary.

- 4) At the end of its work, the Commission of selection, on the basis of the scores assigned for the qualifications, publications and the examinations, if provided, compiles the merit ranking of the suitable candidates. Minority positions should be recorded, indicating, in relation to the number of research assistant contracts to confer, the candidates which the research contracts are conferred.

Art. 12

Publicity and transparency of the selection procedure

- 1) The Commission of selection gives communication of the record containing the final merit ranking to the person in charge of the procedure for the subsequent measures.
- 2) In case procedural errors are discovered, the records are returned with due provision to the Commission of selection for regularization within the term indicated in the provision.
- 3) The results of the assessment will be published also on the University's web page.

Art. 13

Validity of the ranking according to merits

- 1) The merit ranking lasts up to six months before the conclusion of the research project.
- 2) In case of withdrawal from the contract, the same will be conferred to the next suitable candidate in the concerned ranking list.

Art. 14

Formalization of the relationship

- 1) The University stipulates with the first candidate in the merit ranking a contract, regulating the forms and modalities of the collaboration activity and the allotment of the research assistant contract.
- 2) The contract may be renewed within the maximum term of 3 months after its expiry.
- 3) The research assistant contracts are in no way considered a dependent employment relationship and do not confer rights for access to the University staff.
- 4) The winner of the present selection procedure must fulfill the duties provided by the University regulation for the conferral of research assistant contracts.
A copy of the regulation is delivered to the holder of the research assistant contract at the stipulation of the contract.
- 5) The research activity the winner has to complete must have the following features:
 - a) temporally defined;
 - b) connected with the fulfillment of a research program or a stage of it;
 - c) autonomous performance, under the direction of the scientific responsible, of the program.

Art. 15

Suspension of the research

- 1) The payment of the remuneration of the research assistant contract is suspended during the periods of absence for pregnancy, documented sickness, military service. In these cases, the duration of the relationship will be extended for the remaining period for the realization of the research project, starting from the date of cessation of the cause of suspension.

Art. 16

Rights and duties of the assistant researchers

- 1) The holder of the research assistant contract undertakes research activities provided by the research programs adopted by the related Department. He/she may collaborate with students in research activities relating to his/her degree thesis, participate at examination commissions and perform formal and informal didactic exercises.
- 2) The holder of the research assistant contracts may participate at groups and at research projects of the University/the Departments. The performance of those research activities does not confer a right of payment of a separate compensation.
- 3) The holder of the research assistant contract may be allowed a limited teacher-centered didactic activity (lessons, exercises, laboratories) for a maximum of 60 hours per academic year, provided that this activity does not interfere with the research activities. The hours of teacher-centered didactic are separately remunerated.
Teacher-centered didactic activity may be decided by the Department, upon consent of the research assistant contract holder and upon authorization of the person responsible of the research project.
- 4) The research assistant contract holder, in order to carry out the research activity, may use the facilities of the Department he/she belongs and make use of the services available to the researchers according to the regulations in force.
- 5) The research activity is performed at the Faculty concerned or elsewhere, if expressly authorized by the person responsible for the scientific activity the research assistant contract holder belongs. If the research assistant contract holder authorized to perform research activity externally must undertake

duties in connection with the research, he/she has the right of refund of expenses according to the rules and conditions set out by the "Regulation concerning service missions of teaching and research staff".

Art. 17

Person Responsible of the research activities of the research assistant contract holder and entrusted tasks

- 1) The Department the research assistant contract holder belongs nominates a professor or researcher or a fixed-time researcher as scientific responsible for the research activities, guiding and directing the research activities undertaken by the research assistant contract holder.
- 2) The person responsible of the research project must collect and assess the concise and the final relation. He/she further must report to the Responsible of the Department and to the Personnel Office Academic Staff the defaults of the contract holder, also in relation to possible suspensions of payments, except in case of grave default constituting cause of resolution by law of the contract.
- 3) The Department the research assistant contract holder belongs, at the conferral of the research contract and periodically, determines, on proposal of the scientific responsible and after having heard the interested person, the research programs and his/her relevant tasks.

Art. 18

Control modalities, assessment of the activity performed by the research assistant contract holders and causes of resolution of the contract

- 1) The holder of the research assistant contract must annually present a short paper about the research activity performed and the results attained, which, with the assessment of the person responsible of the research project attached, is sent to the presidency of the Department concerned.
- 2) The research assistant contract holder must also produce a detailed final relation explaining the performed activity and the results attained, which, with the assessment of the responsible of the project, is submitted, within 45 days preceding the end of the contract, to the presidency of the Department concerned.
- 3) The non-presentation of the reports within the provided terms causes the suspension of payment of the following installments.
- 4) In case the research assistant contract holder, after having started the research activity, does not continue it, regularly and continually, for the whole duration of the research assistant contract without justified reason or is responsible for grave and repeated misdemeanor, the procedure for resolution of the contract will be started.
- 5) The contract will be terminated in the cases provided by paragraph 6 with deliberation of the concerned Department.
- 6) The contract will be terminated in the following cases:
 - grave and proven misdemeanor of the research assistant contract holder, reported by the person responsible of the research project or by the responsible of the concerned Department;
 - unjustified missed beginning or unjustified delay of the activity;
 - unjustified suspension of the research activity for a period which is prejudicial to the research program;
 - grave violation of the incompatibility rules provided by the present Regulation.

Art. 19

Loss and withdrawal

- 1) Those not initiating the activity within the indicated terms lose the right for the research assistant contract.
- 2) Only delays due to grave health reasons or to *force majeure* duly proved are justified and admitted.

- 3) The holder of the research assistant contract may withdraw from the contract by observing a 30 (thirty) day notice. In case of written consent by the person responsible of the research project, the notice may not be considered.
- 4) Possible postponements of the date of beginning of the period of enjoyment of the research assistant contract may be awarded to winners proving to have to fulfill the military duties and to working mothers (legislative decree. no. 151/2001).

Art. 20

Attendance of research doctorate courses

- 1) The holder of the research assistant contract may attend research doctorate courses without scholarships even in supernumerary, without prejudice of getting through the admission tests.
- 2) The University Council, before the beginning of the academic year, after having heard the departments, determines, for each doctorate course, the maximum number of research assistant contract holders admitted to attend doctorate courses in supernumerary.

Art. 21

Economic and fiscal treatment, social security

- 1) The amount of the remuneration is determined by the University Council, in respect of the minimum limits determined with Ministerial Decree.
- 2) The remuneration is paid in monthly installments. The monthly gross amount is determined by dividing the annual gross remuneration with the number of months of the contract's duration plus one.
- 3) Mission expenses will be taken from the fund of the person responsible of the research project.
- 4) The research assistant contract for collaboration at research activities under the present call is free of income tax. In relation to fiscal matters the provisions of Art. 4 of the law 13th August 1984, no. 476 with subsequent modifications and integrations are applied.
- 5) The University provides for the insurance covering in relation to risks of accidents at work and civil responsibility, applying the fiscal and social security disciplines provided by Art. 22, paragraph 6, of the law no. 240/2010.

Art. 22

Return of publications

- 1) Candidates declared not eligible may withdraw, at their own expense, the publications submitted to this University within six months from the date of the Rector's decree of confirmation of the regularity of records. Once the term has passed the University keeps the material for its own necessities, disclaiming liability towards the candidates.

Art. 23

Protection of personal data

- 1) For information about the use of personal data, we refer to the data protection code in compliance with art. 13 of Legislative Decree no. 196/2003, attached to the present call.

Art. 24

Person in charge of the procedure

- 1) In accordance with the law 7th August 1990, no. 241, the person in charge of the procedure of the present selection is Dr. Paola Paolini – Head of the Personnel Office Academic Staff – Piazzetta Franz Innerhofer, 8 - C.P. 276 – 39100 Bozen-Bolzano – tel. +39 0471 0 11301, fax +39 0471 0 11309, e-mail: personnel_academic@unibz.it.
- 2) On the web page

<https://www.unibz.it/en/home/position-calls/positions-for-academic-staff/?group=18&year=2017>

expressly dedicated to the selection procedure are available all relating information about the progress report of the Commission of selection's works as well as the relating deadlines.

Art. 25

Referring provisions

- 1) For anything that is not expressly considered in the present announcement, reference shall be made, where applicable, to the norms cited in the preamble of the present decree and any related laws in force.

Bozen-Bolzano, 17.10.2017

Decree no. 543/2017

The Rector

Prof. Paolo Lugli

