ID code: **5856**

The integral version is available at the following link:

https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca/bandi-assegni-di-ricerca

THE ENGLISH LANGUAGE TRANSLATION DOES NOT HAVE LEGAL VALUE IN ITSELF, AND THUS DOES NOT SUPERSEDE THE ITALIAN VERSION OF THE CALL ANNOUNCEMENT (BANDO).

PUBLIC COMPETITION FOR 12 MONTHS FOR 1 TYPE B FELLOWSHIP FOR COLLABORATION TO RESEARCH ACTIVITIES IN THE SCIENTIFIC AREA OF MATHEMATICS AND COMPUTER SCIENCES SCIENCES.

ART. 1 – COMPETITION NOTICE

According to art. 3 of Regulations, a public competition notice by qualifications and examinations is announced for the assignment of 1 type b FELLOWSHIP for collaboration to research activities lasting 12 months that could be renewed for the scientific area of Mathematics And Computer Sciences restricted to doctorate graduates or graduates.

ART. 2 – REQUIREMENTS

All graduates who have an appropriate scientific-professional curriculum to carry out research activities established by this competition notice can participate in this public selection.

PhD or equivalent qualification obtained abroad or, for the areas concerned, specialization degree completed by appropriate scientific production is preferential requirement for admission according to this competition notice.

Candidates must meet the following requirements:

a. Absence of criminal record;

b. Master's Degree in Computer Science, Computer Engineering, or equivalent, from an Italian or foreign University or equivalent, from an Italian or foreign university.

   Moreover it is required:

c. Expertise in research area:

   - Experience in the context of computer science scientific research

   - Professional experience in software development and management

   - Experience in the context of innovative networks and, in particular, 5G networks.

d. Knowledge of language: inglese scritto e parlato

Qualifications must be owned on the date of expiry established for the presentation of the application form.

Applicants in possession of degrees obtained abroad, who have not the declaration of equivalence, will have to enclose in the application form a translation into Italian or into English of the foreign degree, (Degree with marks earned in each examination and PHD degree), completed by a self-

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certification related to the correspondence to the original of the translation itself.

The degree earned abroad can be declared admissible, by the Judging Commission, only for purposes related to the selection.

The following qualifications will be evaluated for purposes related to the competition:

a. PhD in subjects concerning the research or equivalent qualification earned abroad;

b. Specialization degree in subjects concerning the research;

c. Post-graduate degrees;

d. Attendance of post-graduate courses at Italian or foreign Universities;

e. Scientific-professional curriculum based on proven experience for research activity already carried out at public and private bodies with contracts, fellowships or appointments, both in Italy and abroad;

f. Publications in scientific reviews.

For requisitions of admission and incompatibilities please see art. 4, 5 and 6 of Regulations at the link:

https://www.unimi.it/it/ateneo/normative/regolamenti/regolamento-gli-assegni-di-ricerca

ART. 3 – CANDIDATES LIST AND CURRICULA PUBBLICATION

In application of obligations of transparency as from D.lgs. 14/03/2013 n. 33 this competition notice, the list of candidates with their curriculum vitae and the result of each selection will be published on the web site http://www.unimi.it/ricerca/assegni_ricerca/69536.htm.

ART. 4 – APPLICATION

Application forms in plain paper must be written according to the form at the following link: https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca and include name, surname, place and date of birth, address, telephone number, competition notice information. Application forms must be submitted online, at the following email address: unimi@postecert.it, within **September 5, 2023 at 12 pm (Italian time).** The application form and any other enclosures requiring the candidate's signature. The message should state in the object field:

 "Domanda concorso Assegno di Ricerca Prof. Anisetti Marco, code ID 5856"

Application forms not signed or incomplete or sent after the deadline established will not be admitted.

The application form must enclose:

a. Degree with final mark;

b. Phd degree / specialization degree;

c. Scientific qualifications, diplomas, scholarships, attendance of post-graduate courses,

d. Publications

e. Curriculum of scientific activities.

Documents above mentioned can be presented as follows:

Academic and professional qualifications can be self-certified (*Enclosure 1*). The other qualifications which require evaluation, publications included, can be presented in original copy or in photocopies by self-declaration in substitution of attested affidavit according to DPR 28/12/2000 n. 445 (*Enclosure 2*).

Candidates who have a degree only must show necessary documents to demonstrate a scientific-professional curriculum and appropriate research experience to carry out research activity as from this competition notice, otherwise they will be excluded from the competition.

ART. 5 – CURRICULUM PRESENTATION

Candidates, by the same time of presentation of the application form, must scan and send to the e-mail address curriculum.assegni@unimi.it a copy of the curriculum vitae in pdf with the ID code with date and signature according to the form at the following link: https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca

ART. 6 – RESEARCH ACTIVITIES

The Fellowship implies carrying out the activities briefly mentioned below at Dipartimento di Informatica Giovanni Degli Antoni dell'Università degli Studi di Milano and under the supervision of Prof. Anisetti Marco within the research programme *"MUSA: Architettura di deployment - Spoke n. 2 - Big Data-Open Data in Life Sciences - PI Spoke: Prof. Ernesto Damiani and Prof. Gian Vincenzo Zuccotti - MUSA: Multilayered Urban Sustainability Action – PNRR - CUP code G43C22001370007-MUSA -Multilayered Urban Sustainability Action, Progetto NextGeneration EU MUR PNRR"*, of the activities mentioned below:

1. Definition of the EDGE Cloud continuum architecture for MUSA, based on 5G nodes, for the execution of services and data collection in the field of life sciences, of pre-clinics and clinics pharmacology, in the context of Spoke 2 WP1 activities (Task 1.1 and 1.2);
2. Identification of architectural and assurance requirements for the support of MUSA services.;
3. Development of assurance/monitoring solution integrated in Edge-cloud continuum.;
4. Development of advanced 5G network simulation systems for services deployment in the continuum.

ART. 7 – INCOMPATIBILITIES

For requisitions of admission and incompatibilities please see art. 6 and 8 of Regulations at the link:

https://www.unimi.it/it/ateneo/normative/regolamenti/regolamento-gli-assegni-di-ricerca

ART. 8 – FELLOWSHIP AND INSURANCE

The Fellowship's yearly gross amount is of Euro **22.000,00**. The amount is tax free according to art. 4 Legge 13 August 1984 n. 476 and subject, for what concerns welfare regulations, to

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regulations as from art. 2 paragraphs 26 and following Legge 8 August 1995 n. 335.

University will provide, for the period of the contract of collaboration to research, private insurance cover, with a public liability insurance and industrial accident insurance in favour of the fellow and within carrying out of research activities. The amount of the premium for insurance against industrial accidents is subtracted each year from the remuneration for the fellow.

ART. 9 – PAYMENT AND SUPERVISION

The amount is paid in postponed monthly instalments. The Fellows' duties, established by the individual contract, are performed under the supervision of the Professor coordinator who will verify the activity carried out according to art. 8 paragraph 5 of Regulations.

ART. 10 – SELECTION PROCESS

Application forms will be examined by a judging Commission, specifically appointed by the Rector (for the composition of the Commission see Regulations, art. 3 paragraph 2). The Commission, within twenty days since the deadline for presenting applications, with justified report, will form a ranking on the basis of a selection of academic and scientific qualifications presented and of an interview aiming at verifying the candidate's aptitude to research and knowledge of the language required. The commission establishes the standards of evaluation first and to evaluate the candidate it can use up to 100 points, 50 for qualifications to divide up in the following way:

1) PhD or Specialization in Medical Area up to **15** points

2) Scientific-professional Curriculum (post-graduate degrees, certified experience for research activity already carried out at public and private bodies with contracts, scholarships or appointments, both in Italy and abroad) up to **10** points

3) Other qualifications established by the competition notice up to **15** points

4) Scientific publications up to **10** points

and for the interview up to **50** points.

The Commission at the end of the interviews will publish the result of the total evaluation for each candidate and will form a ranking on the grounds of the points earned by each candidate, and appoints the winner or the winners when more fellowships must be awarded. In case of equality the youngest candidate will be preferred. The results of the selection are approved by Rector's decree and published on the University web site. Reports by Commission are public.

The interview is public and will take place on **September 19, 2023 at 2:00 PM** at Dipartimento di Informatica "Giovanni degli Antoni".

Handicapped candidates, according to Legge 05/02/1992 n. 104, will do explicit request related to their handicap concerning the necessary aid in order to do the interview.

Candidates living abroad can have an interview with electronic procedures that ensure them identification, with the authorization by Examination Committee. Candidates should contact the Direzione Trattamenti Economici e Lavoro Autonomo - Ufficio Contratti di formazione e Ricerca - (assegni.ricerca@unimi.it), at least one week before the date of the interview, to verify in advance

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the feasibility. The dates of the telematic interviews are shown art.10 of this call.

The winner will receive communication, by registered letter with return coupon attached, to the address written in the application form, of the assignment of the fellowship. Within 15 days since receiving the communication, unless differently stated, the person concerned must send to the Rector the declarations of acceptance required by the Administration, otherwise he/she will lose the right and within the following 10 days he/she will be called to stipulate a contract of collaboration to research activities.

Candidates who earned their degree abroad and are the winners must send to this Office, together with declarations of acceptance required by the Administration, the official translation with declaration of value of the foreign degree by qualified Italian diplomatic or consular representations in the country of origin, according to laws in force on the subject. Candidates will be excluded from the selection in case documents do not arrive within such deadline.

For non-EC citizens the fellowship will start after obtaining the entrance visa for scientific research and when research activity actually begins.

Personal states, facts and qualities self-certified by the winner of this competition will be properly checked by Università degli Studi di Milano, also by sample, concerning their truth.

Declarations and certifications sent in one envelope by registered letter with return coupon attached (stamp and date of the post-office will be considered) will be considered sent in time within the deadline mentioned; on the envelope the competition notice concerned must be shown.

If the activities imply the use of laboratories, work equipment, chemical, physical and biological agents, inclusive of equipments provided with visual display units, the Fellow, according to art. 41 Dlgs n. 81/08, will undergo prior medical examination in order to verify counterindications with reference to activities which the subject should carry out and to evaluate his/her suitability.

ART. 11 – WINNER NOT COMPLIANT WITH COMPETITION NOTICE AND REGULATIONS

Winners of fellowships who do not comply what established by this competition notice and Regulations lose the right to the fellowship upon Rector's act by previous written communication.

ART. 12 – PLACE AVAILABLE IN CASE OF LOSS OF RIGHT OR RENOUNCE BY WINNER

In case of loss of the right or lack of stipulation within the deadline established or possible renounce by the winners, fellowships are made available to the candidates usefully placed in the ranking that, according to what established by Regulations, is valid up to ninety days from the approval of acts.

ART. 13 – PERSON IN CHARGE OF THIS COMPETITION

According to Legge 7 August 1990, n. 241 Mrs Anna Tavano Ufficio Contratti di Formazione e Ricerca at Direzione Trattamenti Economici e Lavoro Autonomo - Via S. Antonio n. 12, Milano is in charge of the competition as from this competition notice.

For more information please contact the Ufficio Contratti di Formazione e Ricerca at Direzione Trattamenti Economici e Lavoro Autonomo - e-mail: assegni.ricerca@unimi.it.

For what is not established by this competition notice, please see laws in Regulations and laws in force on the subject.

According to DL 196/2003 and according to the General Data Protection Regulation (GDPR) EU 2016/679 and to Regulations on the protection of personal data of the University of Milan University will commit itself to respect all confidential information provided by the candidate: "all information provided will be handled only for aims connected to the selection and to the stipulation and management of relationship with University".

Full information is available at: https://www.unimi.it/it/ateneo/normative/privacy of the University website.

THE RECTOR

Elio Franzini