



**POLITECNICO**  
MILANO 1863

ARUO -SGPD

Index 7044

Registered on Monday 26 June 2023

Ref. no. 147760 Pos. VII/1

Procedure code: **2023\_MOB\_II\_DMAT\_1**

UOR: Academic Staff Career Unit

**HAVING SEEN** Italian Law no. 168 of 09.05.1989 and subsequent amendments, and in particular Article 6, according to which universities have regulatory autonomy;

**HAVING SEEN** Italian Legislative Decree no. 198 of 11.04.2006 “Code of equal opportunities between men and women, pursuant to Article 6 of Law no. 246 of 28 November 2005”, and subsequent amendments;

**HAVING SEEN** Italian Law No. 241 of 07.08.1990, “New rules on administrative procedure and the right of access to administrative documents”, and subsequent amendments;

**HAVING SEEN** Regional Decree no. 41/AG of 17.05.2005, with which the Regulations relating to the contribution for participation in both internal reserved competitions and public competitions organized by the Politecnico di Milano were issued;

**HAVING SEEN** Italian Presidential Decree no. 445 of 28.12.2000, “Consolidated law on legislative and regulatory provisions on administrative documentation”, and subsequent amendments;

**HAVING SEEN** Italian Legislative Decree no. 196 of 30.06.2003, relating to the protection of persons and other subjects regarding the processing of personal data, and subsequent amendments;

**HAVING SEEN** Regulation (EU) no. 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data;

**HAVING SEEN** Italian Law no. 240 of 30.12.2010 and in particular Article 7, paragraph 5-bis;

**HAVING SEEN** the Statute of the Politecnico di Milano adopted by Rector's Decree no. 623/AG on 23/2/2012, published in Official Gazette no. 52 of 2/3/2012;

**HAVING SEEN** Regional Decree no. 701/AG of 02.03.2012 with which the Regulations governing calls of first and second bracket Professors were issued pursuant to Article 18 of Italian Law no. 240 of 31.12.2010, and subsequent amendments, as amended with the Regional Decrees nos. 3134/AG of 03.12.2012, 2934/AG of 04.11.2013, 1336/SAGNI of 05.05.2014, 3452/SAGNI of 13.10.2014, 2012/SAGNI of 30.04.2015, 3324/SAGNI of 15.06.2017, 9389/AFNI of 21.12.2018, 3984/AFNI of 29.05.2019, 2666/AFNI of 01.04.2020, 5368/AFNI of 24.06.2021 and further amended, including the name which was changed to “Regulations governing calls of full and associate professors” with Regional Decree 7834/AFNI of 29/07/2022;

**HAVING SEEN** the resolution of the Department of Department dated 20/06/2023 approving the proposal to initiate a selective mobility procedure, to cover n° 1 Associate professor position, for the Academic Recruitment Field 01/A1 - MATHEMATICAL LOGIC, MATHEMATICS EDUCATION AND HISTORY OF MATHEMATICS,

## DECREES

### Article 1 - Type of competition

The selective mobility procedure is hereby launched, to cover n° 1 Associate professor position by means of a call pursuant to Article 7, paragraph 5-bis, of Italian Law 240/2010:

Department: **Mathematics**

Academic Recruitment Field: **01/A1 - MATHEMATICAL LOGIC, MATHEMATICS EDUCATION AND HISTORY OF MATHEMATICS**

Maximum number of publications: **12**

Specific teaching, research or third mission requirements:

The department of mathematics played a crucial role in the educational innovation of the mathematical courses for engineering, architectural and design programs. Such an innovation has been leading by the laboratory FDS through specific educational projects (e.g., MOOCs) and educational experimentation concerning teaching and learning mathematics. However, the continuous and sudden evolution of the educational scenarios demands further human resources who can contribute to address the challenges promptly. In such a context, the department needs to support and consolidate the research in mathematics education on the secondary-tertiary transition field, focusing on the undergraduate mathematical courses. Moreover, the department wants to address the upcoming challenge with the institution specialized course that will allow students to deal with unconventional problem resorting their previous mathematical knowledge and competency.

### Article 2 - Admission requirements

The following are eligible to participate to the selection process:

- a) Associate Professors in service for at least five years at other Italian universities;
- b) scholars permanently employed abroad in research or teaching activities, who have held for at least five years, at foreign universities, an academic position equivalent to that of Associate Professor on the basis of the table of correspondence between Italian and foreign academic positions defined by Italian Ministerial Decree no. 662 of 01.09.2016;
- c) research executives and lead researchers at public research bodies or individuals in permanent positions, or with fixed-term contracts pursuant to Article 1, paragraphs 422 et seqq. of Italian Law no. 205 of 27 December 2017, from scientific hospitals and treatment institutes (IRCCS [Italian abbreviation]), who carry out translational, preclinical and clinical research activities, in service for at least five years at the institution to which they belong and in possession of the the National Scientific Qualification for the functions of Associate Professor for the Academic Recruitment Field **01/A1 - MATHEMATICAL LOGIC, MATHEMATICS EDUCATION AND HISTORY OF MATHEMATICS**.

Those who have a relationship of kinship or affinity, up to the 4th degree inclusive, with a professor of the Department of Mathematics, the Rector, the Director General or a member of the Board of Governors may not participate in the selection procedures.

The requirements to be admitted to the selection must be met by the deadline for submitting the application.

### **Article 3 - Application and submission deadline**

To participate in the selective mobility procedure, candidates must send the application form and the related attachments, drawn up on the basis of the forms available on the on the procedure page of University website, **within the deadline of 15 (days) days, under penalty of exclusion, starting from the day following the publication of this notice in the Official University Register.**

Candidates whose applications are submitted after the specified deadline will be automatically excluded from the selection procedure.

If the expiry date falls on a public holiday, the term is extended to the following non-public holiday day.

The application form can be sent in the following ways:

- by italian Certified E-Mail to the PEC address [pecateneo@cert.polimi.it](mailto:pecateneo@cert.polimi.it) using the applicant's italian certified e-mail address (PEC).  
Applications must be sent from a italian certified e-mail address (PEC); applications sent from a non-certified e-mail address will not be considered valid.  
The sending of the application and related documentation from the **candidate's personal** Italian certified e-mail address (PEC) is sufficient to be considered duly signed on the date of dispatch.  
The application and attachments thereto must be sent in non-modifiable static portable format (e.g. pdf) that cannot contain macro-instructions or executable codes, and must not exceed 35 MB in size (if the size of the individual certified email exceeds this limit, multiple emails may be sent).  
The subject of the certified e-mail(s) must contain the following wording "Selective mobility procedure for n° 1 Associate professor position at the Department of Mathematics - procedure code 2023\_MOB\_II\_DMAT\_1";
- by hand delivery to the Mail, Protocol and Archive Service - Piazza Leonardo da Vinci, 32 - 20133 Milan from Monday to Friday, from 9.30 to 12.30 and from 13.30 to 16.00. The envelope containing the application for admission to the selection, duly dated and signed and with all the required attachments, as well as those deemed useful for the purposes of selection, must bear the following wording: "Selective mobility procedure for n° 1 Associate professor position at the Department of Mathematics - procedure code 2023\_MOB\_II\_DMAT\_1";
- by registered letter with acknowledgment of receipt, express mail, courier or any other means capable of certifying dispatch by the specified deadline; to this end, the accepting postmark will be considered valid. The envelope containing the application for admission to the selection, duly dated and signed and with all the required attachments, as well as those deemed useful for the purposes of the selection, must bear the following wording: "Selective mobility procedure for n° 1 Associate professor position at the Department of Mathematics - procedure code 2023\_MOB\_II\_DMAT\_1".

Candidates are admitted to the selection subject to approval. The procedure Manager may, at any time, exclude candidates from the selection for the following reasons:

- if the application for admission is sent after the deadline of 15 days starting from the day following the publication of this public notice in the Official University Register;
- if the application for admission is not drawn up on the basis of the template provided in the forms available on the on the procedure page of the University website, or if the application for admission is not signed;
- if the project proposal does not relate to the specific needs for which the procedure was activated;
- the absence of a professional scientific curriculum;
- if the requirements indicated in Article 2 of this notice are not met;
- any other circumstances in which the provisions of this notice are violated.

If the reasons for the exclusion are ascertained after the selection has been completed, the procedure Manager may order the forfeiture of any right resulting from participation in the relative selection; the forfeiture of candidates will also be ordered if any of the declarations provided in the application for admission to the selection, or the declarations made pursuant to Italian Presidential Decree 445/2000 is found to be untruthful.

Exclusion is ordered by means of a justified decree issued by the Rector.

Under penalty of exclusion from the competition itself, and without the right to reimbursement in the event of non-participation for any reason, candidates are required to pay a contribution of **25.82 euros** by the deadline for submitting the application, making a bank transfer to the current account held by the Politecnico di Milano - piazza Leonardo da Vinci, 32 - 20133 Milan, with the following bank details:

**IBAN: IT34T0569601620000001600X69 SWIFT: POSOIT22**

reference: "**Selective mobility procedure for n° 1 Associate professor, procedure code 2023\_MOB\_II\_DMAT\_1**".

In the application, the candidate must indicate an e-mail address, or certified e-mail address, to be used as the exclusive address for the purposes of the procedure.

Any changes must be promptly communicated to this University.

The Administration accepts no liability arising from inaccurate information provided by the candidate or from any postal errors.

Applicants must include the following with the application:

- professional scientific CV;
- in addition to the CV, any additional documentation deemed useful for the purposes of assessing qualifications together with the relative list;
- the project proposal relating to the specific needs for which the procedure was activated, drawn up on the basis of the template provided in the forms available on the University website on the procedure page;
- copies of a maximum of n° **12** publications (any additional publications will not be evaluated) selected for the purpose of evaluating the extent to which the scientific profile is consistent and congruous with the project proposal, with the relative list containing, for each publication, the title, the names of the authors, the name of the collection / volume / journal, the relevant year and the bibliographic codes such as DOI, ISBN or ISSN;
- copy of a valid identification document: identity card, passport or driving license.

Citizens of states not belonging to the European Union, legally residing in Italy must include with the application for admission a copy of their residence permit or EU residence permit

for long-term residents (residence card for foreign citizens), regularly issued by the competent Administration and currently valid, or the receipt for the application for such permits. In the event that the candidate is called, the original copy of the residence permit or EU residence permit for long-term residents (residence card for foreign citizens) or the receipt for the application for such permits, must be presented to the Visiting Professor Welcome Office no later than the date set for the appointment to the role. Failure to present the document will entail the automatic forfeiture of the right to be appointed.

If they are called, citizens of non-EU countries residing in their country of origin at the time of participation in the selection must necessarily present the entry visa obtained following the issuance of authorization from the prefecture, to the Visiting Professor Welcome Office by the date of their presumed commencement of service. Failure to present the document will preclude the start the activity.

**In the event that the admission application and its attachments have been delivered by hand or sent by registered letter with return receipt, the package must necessarily contain a digital copy (preferably in pdf format) of all the documentation transmitted, including publications, on CD or DVD.**

**Documentation sent using methods other than those provided for in this public notice cannot be evaluated.**

The Administration reserves the right to carry out random checks on attachments to the application form, and on the veracity of the declarations issued.

It is not permitted to refer to documents already presented / deposited for other selections at this Politecnico.

**Documentation presented as attachments to the application form will remain on file at this Administration.**

#### **Article 4 - Project proposal**

Candidates must submit their own project proposal relating to the specific needs for which the procedure has been activated.

The proposal must be drawn up on the basis of the template provided in the forms available on the procedure page of the University website, referred to in this notice.

The following information is provided, and may be of use for the presentation of the project proposal:

**The proposal must be nested in the field of research on mathematical education with a focus on the secondary-tertiary transition. The research problem is to understand how the learning of mathematics (e.g., linear algebra and analysis) comes and how the practices may affect such process. The research must base on socio-cultural theoretical framework (e.g., commognition) and must be supported by empirical study through the carrying out of innovative practices, such as active-learning methodologies (problem-posing), digital-platforms, MOOCs, technology-enrich environments.**

**The project must contain a proposal of mathematical course with the purpose of developing mathematical competencies, such as problem-solving and modelling for education, to address problems of current interest, such as those related to the sustainability development and the achievement of SDGs.**

**Moreover, projects that propose dissemination and outreaching activities towards the school world are encouraged.**

## **Article 5 - Interview**

A public interview is required for the purposes of the selection, as this is useful for acquiring more in-depth knowledge of the contents of the candidates' project proposal, qualifications and scientific production, including in relation to specific teaching, research or third mission needs, also taking account of the necessary language skills.

Candidates are called to the interview as follows:

**The date and time of the public interview will be published on the University website and notified to each candidate, with a notice of at least 20 days, to the e-mail address, or certified e-mail address, chosen as the exclusive address for the purposes of the procedure.**

Failure to attend the interview, on the established date and time and in the manner indicated above, even if due to force majeure, will be considered as withdrawal from the selection.

During the interview, candidates must show the Committee a valid identity document, preferably the same document sent with the application.

Candidates with disabilities must apply request the necessary aid to be able to take the interview in accordance with Law no. 104/92.

Members of the relevant scientific community at the University are invited to the public interview as spectators.

## **Article 6 - Publications**

A maximum of n° 12 scientific publications that candidates intend to have evaluated for the purposes of selection must be sent, together with the application, by the deadline referred to in Article 3 of this notice.

Publications that are not sent within the deadline provided for in the previous paragraph will not be taken into consideration by the Selection Committee.

Only publications or texts accepted for publication in accordance with current regulations, as well as essays included in collective works and articles published in journals in paper or digital format, with the exclusion of internal notes or departmental reports, can be evaluated.

The publications must be produced in the language of origin and translated into one of the following languages: Italian, French, English, German and Spanish, if written in a language other than those previously indicated.

The Administration reserves the right to carry out checks on the declarations issued in relation to the publications presented.

## **Article 7 - Composition of the Selection Committee**

The composition of the Selection Committee, appointed by Rector's decree, on the proposal of the Department Council which requested the filling of the position, shall, as a rule, guarantee adequate gender representation, and comprise three Full or Associate Professors belonging to the competition sector covered by the procedure, or professors

holding equivalent positions if foreign, in accordance with the provisions of Ministerial Decree no. 662 of 01.09.2016.

The appointment is made public on the official register and on the University website; candidates must submit any appeals or complaints against the committee members to the Rector within 30 days from the date of publication in the Official University Register.

#### **Article 8 - Duties of the Committees - Evaluation of candidates - Criteria**

The Committees shall compare the candidates using the following criteria:

- a) quality, originality and innovativeness of the project proposal;
- a) the extent to which the project proposal corresponds to the teaching, research or third mission requirements indicated by the Department;
- b) the extent to which the candidate's scientific profile is consistent and congruous with the project proposal, assessed on the basis of the professional scientific curriculum, the publications presented and the public interview.

On the basis of the evaluation criteria, the Committee shall, for each post, select, from among the candidates deemed suitable, the candidate most qualified to meet the specific teaching, research or third mission needs for which the procedure has been activated.

The Committee will have to conclude its evaluation within three months from the date of publication of the Rector's decree of appointment to the University's Official Register and, at the end of the process, deliver the relative minutes to the Administration.

The Rector may extend the deadline for the conclusion of the procedure once and for no more than one month for proven reasons indicated by the Chair of the Committee. After the deadline for the conclusion of the process, the Rector will, with a justified decision, dissolve the Committee and appoint a new one to replace the previous one.

In the event that the Rector finds irregularities in the manner in which the procedure is carried out, he shall send the documents to the Committee, with a justified decision, assigning it a deadline to make any changes.

The Committee may use telematic tools for formal meetings and carry out all its sessions remotely, according to methods which must be adequately recorded in the minutes.

Sessions involving interviews with candidates must be held face-to-face.

For each of the Committee's sessions, a special report must be drawn up and signed by all the members, with the relative attachments.

The minutes and relative attachments may be drawn up in either Italian or English. If drawn up exclusively in English, before issuing the decree approving the deeds, the procedure manager must arrange for a specific sworn translation of all the minutes and their attachments into Italian.

#### **Article 9 - Verification of the regularity of the documentation and call.**

Within sixty days of the delivery of the documents drawn up by the Committee, the Rector will ascertain their formal regularity by decree. In the event that formal defects are found, the Rector will, within the aforementioned term and with a justified decision, send the documents back to the commission for regularization, establishing the date by which this process must be concluded.

The decree approving the documentation and the minutes of the Selection Committee will be published on the University website.

Publication on the website serves as effective notice to candidates in accordance with the law.

The terms for proposing any appeals will start from the date on which the decree is published.

The proposed call of the candidate or candidates selected by the Committee, accompanied by an indication of the relevant Scientific Disciplinary Sector, will be approved by the Department Council, in a session restricted to Full or Associate Professors, with the favourable vote of the absolute majority of those entitled to vote, and will be submitted to the approval of the Board of Directors which will decide, subject to the opinion of the Academic Senate, within a term of thirty days.

The selective mobility procedure entitles the successful candidate or candidates to be called to the Politecnico, while the service will commence in accordance with ministerial constraints.

If called, candidates who participate in the selection as scholars permanently engaged in research or teaching activities abroad, who have held an academic position equivalent to that of Associate professor at foreign universities for at least five years, must produce a certificate issued by the foreign university at which they are employed, certifying the position they hold there. This certificate must be drawn up on the basis of the template provided in the forms available on the procedure page of the University website.

Failure to present the above certificate will entail the automatic forfeiture of the right to be appointed.

The appointment will be ordered by the Director General, through a decree of their own, after checking for any of the incompatibilities referred to in Article 18, paragraph 1, subparagraph b), of Law 240/2010 that may have arisen, and after the commencement of service letter, signed by the Department Director, has been sent.

#### **Article 10 - Processing of personal data**

Pursuant to Regulation (EU) no. 2016/679, candidates are informed that personal data provided by them will be processed, in paper or electronic form, for the sole purposes of this procedure and the possible establishment of the employment relationship, and for purposes related to the management thereof.

The processing will be carried out by the persons in charge of the procedure, and by the selection committee, by means of computerised procedures, according to the methods and within the limits necessary to pursue the aforementioned purposes, including in the event of disclosure to third parties.

The provision of such data is necessary for the evaluation, and for verifying that the participation requirements are met and that the declared qualifications are actually possessed. Failure to provide them may preclude such requirements and, in the cases provided for in this public notice, may result in exclusion from the selection procedure.

Further data may be requested from candidates for the aforementioned purpose only.

The data collected may be disclosed to any subjects entitled under Law no. 241/1990, pr Legislative Decree 33/2013 and subsequent amendments and additions.

In accordance with the provisions of current legislation on the subject, the data will be stored for no longer than necessary to achieve the purposes for which they are processed.



Candidates are granted the rights referred to in the third chapter of Regulation (EU) no. 2016/679, and specifically the right to access their personal data, to request their correction, updating and erasure, if incomplete, erroneous or collected in violation of law, as well as the right to object to the processing of their data for legitimate reasons. Further information is available on the university website [www.polimi.it/privacy](http://www.polimi.it/privacy).

Complaints can be submitted by sending a specific request to the Personal Data Protection Officer, who can be contacted at: [privacy@polimi.it](mailto:privacy@polimi.it).

The Politecnico di Milano's Data Controller is the Director General delegated by the pro-tempore Rector – contact: [dirgen@polimi.it](mailto:dirgen@polimi.it).

Data processor: the Human Resources and Organisation Area Manager.

### **Article 11 – Procedure Manager**

Pursuant to the provisions of Article 5 of Law no. 241 of 7 August 1990, the manager of the procedure referred to in this notice is Enrico Eftimiadi - Human Resources and Organisation Area - Teaching Staff Management Service - Tel. 02.2399.2156 - 02.2399.2582 - E-Mail: [concorsi@polimi.it](mailto:concorsi@polimi.it) - certified e-mail (PEC) [pecateneo@cert.polimi.it](mailto:pecateneo@cert.polimi.it).

### **Article 12 - Publication**

This notice is published in the official University Register and on the Politecnico di Milano website.

### **Article 13 – Final rules**

Although not expressly provided for in this notice, the provisions of the legislation cited in the recitals of this decree, as well as the laws in force on the matter, are valid as applicable.

**THE RECTOR**  
(Professor Donatella SCIUTO)

Digitally signed pursuant to CAD - Legislative Decree 82/2005 and subsequent amendments and additions