

**CALL FOR APPLICATIONS  
FOR THE ASSIGNMENT OF A RESEARCH SCHOLARSHIP**

**(Approved with Decree no. 52/2024 prot. 71721 del 24/04/2024)**

A public competition for the awarding of **1 research scholarship** according with art. 5, para. 3 of the *Statuto* of the University of Pavia and with the “*Regolamento per l’istituzione e il conferimento di borse di studio per attività di ricerca*” issued with Rectoral Decree no. 2292-2022 on October 07, 2022.

The scholarship is intended for Italian or foreign individuals in possession of a master's degree Mechanical or Civil Engineering or equivalent or Degree (under the old system) obtained in accordance with the regulations in force prior to the Ministerial Decree. 509/99) or a foreign qualification recognized as equivalent by the Judging Commission.

It will also be required:

- Experience with Isogeometric analysis;
- Experience with Spline-based geometric modeling;
- Experience with (Mixed) finite element methods.

The topic on which the research activity will focus is: **Advanced isogeometric methods, with a focus on phase-field modeling** Scientific director Prof. Alessandro Reali; the research will take place at the Department of Civil Engineering and Architecture and will be financed with funds from the Project: **PRIN2017\_SettoPE8\_LineeA\_REALI – CUP F14I19000510001**.

The scholarship lasts **12** months.

The total amount of the scholarship is € **19,200.00** and will be paid in monthly installments.

**The application for participation**, drawn up on plain paper, using the form attached to this announcement must be sent to the Director of the University's Department of Civil Engineering and Architecture of the Studies of Pavia

**by and no later than 20th May 2024 at 12:00 a.m. CET**

with one of the following methods:

- a) sending via email to the address: [dicar@unipv.it](mailto:dicar@unipv.it);
- b) shipment via Certified Mail - PEC by 12.00 on the expiry day of this document communication to the following address: [amministrazione-centrale@certunipv.it](mailto:amministrazione-centrale@certunipv.it)

**Candidates must use a personal certified electronic mailbox (name and surname) of which they are the holder, under penalty of exclusion from the selection.**

The following must be attached to the application:

- a. photocopy of a valid identity document
- b. detailed curriculum vitae duly signed and dated with indications of the degree mark and previous experience
- c. self-certification of the degree mark, produced using the affidavit form attached to this announcement.

The judging commission, chaired by the owner of the fund and composed of two other designated members by the Council of the Department of Civil Engineering and Architecture will evaluate the CV suitable for carrying out the research activity foreseen by this notice, the degree mark and will award the scholarship, with final judgement, even after a possible interview, to the candidate placed first in the ranking of suitable candidates.

The Director of the Structure will approve the documents and award the scholarship.

The winner of the selection must send the Director a specific declaration of acceptance of the scholarship by 28 May 2024. Anyone who, as of 28 May 2024, will lose the right to the scholarship, has not declared to accept it or who, despite having accepted the grant, does not demonstrate that he/she started the research activity on the date indicated in the same letter. Delays due to serious health reasons or cases of force majeure, duly proven, may be permitted, provided they are not incompatible with the timescales for carrying out the research which gave rise to the funding. In this case, the disbursement of the contribution will be made starting from the actual start date of the research activity, without prejudice to the duration of the scholarship itself.

The holder of the scholarship will have to provide, at his/her own expense, insurance coverage for accidents, according to the indications provided by the University

**The grant starts from the 1st day of the month following the date of issue of the provision contribution.** The scholarship holder who, after starting the planned research activity, does not continue it without justified reason, regularly and uninterruptedly for the entire duration of the scholarship, or as may be required responsible for serious and repeated non-compliance, can be declared forfeited from further enjoyment of the bag.

The awarding of the scholarship does not give rise to the establishment of any employment relationship nor, except for the law does not provide otherwise, to the recognition of social security or welfare treatments.

The activity and use of the scholarship can be suspended, by decree of the Director of the Department, during periods of absence due to maternity or serious and documented illness, without prejudice to the periods of suspension must be fully recovered.

The scholarship holder who has accepted but intends to withdraw before the deadline is required to give immediate notice written communication to the Scientific Director and the Director of the Department. The following are unaffected compensation paid for the period of use of the scholarship up to the date of renunciation. In that case, for the remaining period of the scholarship, there is no possibility of moving up the ranking.

The scholarship holder must, at the end of the duration of the scholarship, send it to the Structure that announced the scholarship a detailed report of the activity carried out, with the approval of the teacher who followed the activity research and the owner of the fund on which the grant is encumbered, where distinct.

In the event of publication of the research results, the grant holder must indicate that the research has been carried out thanks to the enjoyment of a scholarship awarded by the University of Pavia.

The scholarship can be renewed in compliance with the limits set by the art. 4 and in accordance with art. 14 of Regulations for the establishment and awarding of scholarships for post-graduate research activities.

The scholarships cannot be cumulated with research grants or with any other scholarship awarded for any reason with the exception of those provided for the integration of stays abroad.

The use of the scholarship is incompatible with any temporary employment relationship undetermined.

Carrying out self-employed or fixed-term employed work is compatible with the scholarship only if previously authorized by the Structure Council, upon acquisition of the reasoned opinion of the scientific manager and after having verified that the work activity does not jeopardizes the regular performance of work activity.. Enrollment in a Master's Degree Course is compatible with the scholarship only if previously authorized by the course manager Studies, after obtaining the reasoned opinion of the scientific director. For the purposes of prohibitions and incompatibility, upon acceptance of the scholarship, the winner must make a specific declaration, undertaking to communicate to the structure any variation compared to what was declared, simultaneously with the occurrence of the change.

Furthermore, the grants cannot be cumulated with compensation deriving from the performance of work assignments autonomous degree awarded by the University.

**Pursuant to law no. 79 of 06/29/2022 and the subsequent note from the Ministry of University and Education Research dated 8/07/2022, applications are only admitted from researchers who do not have the qualification of PhD.**

**This notice will be published online on the University Official Noticeboard: <http://www-5.unipv.it/alboufficiale/> and on the page: [http://unipv.portaleamministrazione trasparente.it/pagina639\\_bandi-di\\_concorso.html](http://unipv.portaleamministrazione trasparente.it/pagina639_bandi-di_concorso.html).**

The University of Pavia, as owner (with headquarters in C.so Strada Nuova n. 65, 27100 Pavia – PEC [amministrazionecentrale@certunipv.it](mailto:amministrazionecentrale@certunipv.it)), will process the personal data provided by the candidates for participation in the competition in compliance with the conditions of lawfulness established by the Regulation (EU) 2016/679. Further information on the processing of personal data by the University of Pavia is available at the link: <http://privacy.unipv.it/>

Pavia, (date of protocol)

**THE DIRECTOR**  
**PROF. ALESSANDRO REALI**  
(Digitally Signed Document)