CALL FOR APPLICATIONS
FOR THE ASSIGNMENT OF A RESEARCH SCHOLARSHIP

(Approved by Department of Civil Engineering and Architecture’s with Decree no. 75/2020, dated May 08th, 2020)

A public competition for the awarding of 1 research scholarship according with art. 5, subparagraph 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. 86-2011 on January 18, 2011.

The research scholarship is designed for Italian or foreign candidates holding a Master degree in Mechanical or Civil Engineering or a foreign degree recognized as equivalent by the Examining Board.

During the selection procedure, the following qualifications and skills will be assessed:

- strong expertise in phase-field modeling of fracture;
- good computational skills;
- strong background in mechanics of solids;
- good knowledge of English.
- a PhD degree (as a preferential title), in particular if obtained with a thesis devoted to topics related to the subject of the scholarship.

The research scholarship is assigned to undertake research on the following topic: “Advanced numerical methods for phase-field modeling of fracture” under the supervision of Prof. Alessandro Reali.

The research activity will be carried out at the Department of Civil Engineering and Architecture - Dicar and will be financed with funds made available by the Project “MADE4LO_bando_POR_2014-2020_Regione_Lombardia - Metal AdditivE for LOmbardy” assigned to prof. Alessandro Reali.

The grant has a 12 months duration.

The total amount of the research scholarship is € 24.000,00 and will be paid in monthly instalments.

The application form, attached to this call, must be submitted

by June 3rd, 2020 at 12.00 p.m. (Italian time)

in one of the following ways:

a) may be sent via e-mail to dicar@unipv.it;

b) as an alternative to the method outlined in a), may be sent via a Certified Email (PEC) to amministrazione-centrale@certunipv.it The PEC address must be held in the candidate’s name. Otherwise, the candidate will be excluded from the selection.

The application will have to include:

- a photocopy, not authenticated, of a valid identity document;
- a signed and dated professional curriculum vitae;
• a copy of a certificate with an indication of the examinations taken, relative marks and course duration;

• a copy of a degree certificate (course duration not less than 4 years, as established by the teaching regulations in D.M. n. 509/1999) or a Master degree/specialisation (pursuant to D.M. n. 509/1999 and n. 270/2004) with indication of the final grade.

Selection of candidates is based on a joint comparative evaluation of the curriculum vitae with reference to the research activity to be carried out and the degree final mark. The Examining Board will assign the research scholarship, with unappealable decision and possibly after an interview, to the first candidate in the final ranking list.

The Department director will approve the documents and confer the research scholarship.

Within 5 days from the receipt of the letter of awarding, the winner will have to submit to the Director a declaration of acceptance of the scholarship.

If the winner does not accept the grant before the deadline, or accepts it but does not start the research on the date indicated in the letter of awarding, he will lose the right to the grant.

In case of duly justified delays due to serious health problems or to force majeure, not incompatible with the time course of the research, the grant will be paid starting from the effective start date of the research, without prejudice to the duration of the grant.

Should the grantee interrupt the research activity without justified reason, or be responsible for serious and repeated breach, he/she can be declared as dismissed.

The grantee will have to subscribe at his own expenses an insurance against injuries according with the University instructions.

The grant starts on the first day of the month following the date of the letter of awarding.

The grant cannot be combined with scholarships as described in Law 398/89 or with other scholarships assigned by the State or by other private or public bodies.

The performance of research activity funded with research grant is not equivalent in any way to an employment contract (full time or part time) or a self-employment.

The research activity will be suspended only in case of maternity leave or extended illness duly justified. During those periods, the payment of the research grant will be suspended. Grantees are supposed to inform the structure about those situations as soon as they are verified. After the suspension, the research activity must be continued until the end of the grant.

At the end of the grant, the grantee will have to submit to the Department a detailed report on the research undertaken, bearing prof. Alessandro Reali stamp.

In case of publication of the research results, the grantee will have to declare that the research has been carried out thanks to the funding obtained by the University of Pavia.

The grant can be renewed according with art. 4 and 14 of the “Regolamento per l’istituzione e il conferimento di borse di studio per attività di ricerca”.

In case of renounce or non-acceptance of the grant by the winner, the grant will be assigned to the next person in the final ranking.

This call for applications will be posted on the University of Pavia online noticeboard: http://www-5.unipv.it/albumufficiale/, the University of Pavia research scholarship’s web page: http://wcm-3.unipv.it/site/home/ricerca/borse-di-ricerca.html and the Department’s web page: http://dicar.unipv.eu/site/home/dipartimento-trasparente/bandi-di-concorso/borse-di-ricerca.html

Pavia, (date of protocol)

THE DIRECTOR

PROF. ALESSANDRO REALI

(Digitally Signed Document)