Call for proposals REP-DA n. 330
Prot. n. 1184 del 29/10/2019
Deadline for the call 12th November 2019

OBJECT: Call for Visiting Researcher / Fellowship within the Project Excellent University Departments

THE HEAD OF DEPARTMENT

REFERING to the General Bylaws of the Alma Mater University of Bologna, issued with the Rector's Decree n. 1203 in December 13, 2011 and subsequent amendments, published on GURI n.162 in July 13, 2017;

CONSIDERED Article 6, letter f. of the operating regulation of the Department of Architecture issued by D.R. n. 851 in July 5, 2012 and subsequently modified with D.R. n. 1387/51438 in November 9, 2012 and D.R. 1612/2017 in December 6, 2017, with which the Head of Department, in cases of necessity and urgency can undertake actions within the competence of the Council, submitting them to the same Council for ratification in the session following the adoption;

WHEREAS it is necessary to open the call for selection of temporary visiting researcher;

VERIFIED the financial coverage in the budget of the departments;

CONSIDERING the guidelines on the selection procedure for calls for visiting researcher, approved by the competent academic authorities;

DECREES

the following call as approved, in compliance with the program of actions within the framework project “Departments of Excellence” MIUR l.n. 232 in December 11, 2016 and D.M.262/17 in May 11, 2017),
Title of Project: Seismic retrofit in the European built environment: challenges, opportunities and cost-effective solutions
Submission deadline 12/11/2019

Art. 1 - Purpose, objective and requirements
The Alma Mater Studiorum – University of Bologna – Department of Architecture (hereinafter “Department”), in the framework of the Project Excellent University Departments, funded by the Italian Ministry of Instruction, University and Research, (MIUR l.n. 232 in December 11, 2016 and D.M.262/17 in May 11, 2017), with the aim of fostering the internationalization of research in the Departments, publishes the present call, concerning n. 1 Visiting Researcher/Fellowships for Foreign Scholar(s) invited to carry out research activities within the Department’s facilities.

The Fellowship shall allow a strong scientific interaction between the invited foreign scholars and Professors/Researchers of the Department with regard to the priorities identified in the Project of Excellent University Departments (see Annex I). This interaction shall be developed especially by means of the following activities: joint organization of workshops, lectures and events of scientific nature within the Department; drafting joint scientific manuscripts; joint participation to calls for European and international projects.

The Visiting Researcher will carry out a research about seismic retrofit in the European built environment.

He/She will teach and/or provide knowledge exchange on the seismic monitoring of structures as decision tool, He/She will be lecturing and/or provide knowledge exchange on the seismic behavior and strengthening of masonry structures;

He/She will teach and/or provide knowledge sharing on the protection of historical structures against earthquakes;

He/She will be lecturing and/or provide knowledge exchange on the machine learning algorithms in structural engineering.

The selected Visiting Researcher shall also hold a seminar on his/her research activities, which will be mainly addressed to Master Degree Students, PhD candidates and research fellows of the Department.

Art. 2 - Compensation and related taxes
The compensation is calculated according to the type of contract (long or short visiting) as well as it is depending on the qualification defined by European Commission “Towards a European framework for research careers” for a total amount maximum of 9.000€ per month. The sum is to be considered a gross amount (taxes in Italy are 30%) and it will be scaled with respect to the fraction of month of the visit.
The Visiting Researcher/Fellow will be entitled to receive a lump sum compensation (one time) covering travel and transfer expenses, room and board for a total amount of 1,000 EUR (visa costs will be reimbursed separately).

All amounts are inclusive of deductions required by law from the University and the payee (IRAP, INPS, INAIL). The net payable amounts may be correctly established only after the payee has chosen his/her preferred method of taxation, namely:
   a) lump-sum taxation;
   b) mixed taxation in the light of international conventions against double taxation.

If option b) is chosen, for the fee payment it will be necessary to produce a certifications attesting the fiscal residence, issued by the competent tax authority of the country of residence.

- access the items and information technology resources of the Department and the “G. Michelucci” library (http://www.DA.unibo.it/it/biblioteca).

Art. 3 - Time Frame and Application form
The length of the stay will be 1 week during the period 15th November 2019 – 15th December 2019. The period of stay shall be continuous in order to achieve a fruitful interaction with the Professors and Researchers of the Department.

The application shall include all required documents and shall be uploaded by the candidate by 12th of November 2019 at 12:00 on the online platform: https://personale.unibo.it/pol/welcome.htm?siteLanguage=en

The application shall be submitted exclusively on-line; any document submitted through other channels will not be accepted. The application shall include:
1. personal and professional data of the Visiting Researcher;
2. a cover letter from a Professor/Researcher of the Department, including a short scientific biography of the Visiting Researcher;
3. a description of the reasons concerning the decision to conduct a research stay in Bologna, research activities to carry out, methodology and expected results, Professors/Researchers of the Department with whom the applicant wants to collaborate;
4. the indication of two time frames for the stay, the chosen period of stay and an alternative option;
5. a scanned copy of the Visiting Researcher’s passport (or other identity document) in course of validity;
6. Visiting Researcher’s curriculum vitae et studiorum and list of publications (last 5 years);
7. title and abstract of the planned seminar for Master Degree Students, PhD candidates and research fellows of the DA that the Visiting Researcher shall hold.
Art. 4 - Selection criteria

The applications will be evaluated by a Selection Committee appointed by the Department Council. The Committee will be tasked with the selection of the 3 best applications and the definition of the final ranking list within the deadline indicated by the Council. The selection criteria are the following:

1. Professional and Academic expertise in Use of seismic monitoring of structures as decision tool;
2. Professional expertise in Seismic behavior and strengthening of masonry structures;
3. Use of machine learning algorithms in structural engineering;
4. Experience/ability to relate and teach in english;

For each criterion, up to 25 points can be assigned. Only applications scoring at least 70/100 are eligible to be selected.

The Department reserves the right to select a lower number of candidates if the applications submitted do not satisfy the requested excellence requirements.

The commission will be composed by:
- Prof.ssa Annarita Ferrante
- Prof. Riccardo Gulli
- Prof.ssa Giorgia Predari
- Prof. Bragadin Marco (substitute)

Art. 5 - Notification and acceptance of the selection

The winning Visiting Researcher will be invited through a declaration by the Department Council and containing the scholar’s first and family names, contacts, dates of stay within the DA, description of the planned activities and name of the proposing Professor. The deliberation will be published on the website www.DA.unibo.it.

The invitation will be formalized with a letter from the Head of Department’s not later than 15th November 2019.

Within one week of receipt of the invitation letter, the Visiting Researcher is required to formally accept the position by sending a confirmation message to:
diparc.segreteriaamministrativa@unibo.it

Art. 6 - Legal authorizations

The Visiting Researcher’s entry and residence in Italy are regulated by the Italian laws and the local authorities’ regulations.

It is duty of the Visiting Researcher to obtain the visa and any other necessary authorization to stay Italy.
Art. 7 - Insurance coverage (RCT)
The Department will activate an insurance for civil liability and damages to third parties (RCT). The RCT will be limited to the activities listed in the signed agreement with the Visiting Researcher and taking place within the Department’s facilities. The Fellowship does not provide for any right to benefit from the National Health Service coverage. Visiting Researchers are required to arrange on their own for their health and social security coverage.

Art. 8 - Personal data processing
In compliance with European Rules 2016/679, The University is committed to respect the confidentiality of information provided by the candidate. All data provided will be used only for purpose connected with the selection and award of the research grant, in accordance with current regulations. In compliance with Articles 3 and 7 of Legislative Decree 33/2013, information, data, documents, including curriculum vitae, shall be published in an open format on the University website, section “Amministrazione Trasparente”, and everyone has the right to know them, use and reuse them without restrictions, even for purposes other than this procedure, with the obligation to mention their source and to respect their integrity.

Art. 9 - Final paper
At the end of the research stay, the Visiting Researcher shall provide:
- a final detailed report explaining the activities carried out and those to be completed (e.g.: participation to competitive European and international calls; submission of joint manuscripts);
- electronic copies of any final research product.

In case of non-compliance the Visiting Researcher will not receive any compensation and will be excluded from the participation to further calls for Visiting Researcher Fellowships published by the Department as part of the Project Excellent University Departments. In all case, in order to ensure a richness in research, no selected fellow will be allowed to participate for the call for Visiting Fellowship immediately following the one he/she applied for. Flat-rate reimbursement will be authorized by the Department Council upon verification of the proper fulfilment of the required activities.

Art. 10 - Person in charge for the procedure
As provided for Art.5 of Act 241/90, the person in charge for this selection procedure is Dr.ssa Annalena Esposito, Administration Manager of the Department.
Art. 11 - Publishing
This call will be published on the website of the Alma Mater University of Bologna
https://bandi.unibo.it

Art. 12 - Final rules
All aspects not regulated by the present call are subject to applicable legal, statutory and regulatory procedures.