Looking for Researchers / PhD Students for a European Union Project

We are looking for a Researcher who will work on a Joint European Union Project EXPERTISE “models, EXperiments and high PERformance computing for TURbine mechanical Integrity and Structural dynamics in Europe” one part of which will take place at the Department of Mechanical Engineering at Middle East Technical University, Ankara, Turkey. The total duration of the project is 36 months, however the first half of the project has already been completed and the remaining time is 18 months. The selected Researcher will have a monthly payment of approximately 3000 Euros after tax, for 18 months. The applicant should have a strong background on Mechanical Vibrations and Structural Dynamics. Applicants that have an MS degree and a background on Nonlinear Vibrations and/or Experimental Vibrations are preferable. The applicant should not have a research experience more than 4 years.

Two options are possible:

Preferred Option

Selected Researcher should only work on the project during this 18 months period. However, if preferred, it is possible for the selected Researcher to take one course in a semester during his/her employment and join the PhD program in METU at the end of the project. Upon completion of the remaining course work and thesis he/she can get his/her PhD degree.

Second Option

Selected Researcher can pursue a PhD degree at the Department of Mechanical Engineering, METU during the project, provided that he/she spares sufficient time to the project.

If you are interested, please send your Application to Prof. Dr. H. Nevzat Özgüven (ozguven@metu.edu.tr) or Prof. Dr. Ender Ciğeroğlu (ender@metu.edu.tr).

The Application must include the following documents (written in English):

- Motivation letter
- Photocopy of a valid ID or Passport
- Curriculum Vitae
- List of 2 academic references (with an Institutional email account)
- Transcript of Records
- Copy of the highest degree achieved so far
- All documents necessary to prove the eligibility of the Candidate according to the criteria described in the next sections, in particular with respect to the mobility rule.
Eligibility criteria

Applicants need to fully satisfy three eligibility criteria:

Early-stage researchers (ESR) are those who are, at the time of recruitment by the host, in the first four years (full-time equivalent) of their research careers and do not have a doctoral degree. This is measured from the date when they obtained the degree which formally entitles them to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the research training is provided, irrespective of whether or not a doctorate was envisaged.

Conditions of international mobility of researchers: Researchers are required to undertake transnational mobility (i.e. move from one country to another) when taking up the appointment. At the time of selection by the host organization, researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their host organization for more than 12 months in the 3 years immediately prior to their recruitment. Short stays, such as holidays, are not taken into account.

English language: Early Stage Researchers (ESRs) must demonstrate that their ability to understand and express themselves in both written and spoken English is sufficiently high for them to derive the full benefit from the network training. Depending on the Host Institution, more specific requirements may be requested.

A more detailed information on the eligibility criteria can be found in the Marie Skłodowska-Curie Actions H2020 Guide for Applicants.

Benefits

The successful candidates will receive an attractive salary in accordance with the MSCA regulations for Early Stage Researchers (gross monthly salary range: from € 3200 to € 4800). The exact salary will be confirmed upon appointment and is dependent on the country correction factor (to allow for the difference in cost of living in different EU Member States) as well as on the taxation system of the Country of the Host Institution. The salary includes a living allowance, a mobility allowance and a family allowance (if already married). The guaranteed funding is for 18 months. In addition to their individual scientific projects, all fellows will benefit from further continuing education, which includes internships and secondments, a variety of training modules as well as transferable skills courses and active participation in workshops and conferences.