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Prague, on May, 13. 2019

Dean

of the Faculty of Civil Engineering of the Czech Technical University in Prague, Thákurova 7, 166 27 Praha 6, is announcing tenders for the position:

Senior researcher for Mobility within the OP VVV Call for “International Research Workers Mobility“ project PK133

Place of the work: Faculty of Civil Engineering of the Czech Technical University in Prague, Department of Concrete and Masonry Structures

Duration of the Contract: 6 months

Work load: Full-time

Assumed start of work stay: 10/2019

Salary, specified according to the financial conditions of the call, covers cost of living in the Czech Republic

Job specifications:

- Research activities in structural strengthening and rehabilitation of ancient masonry buildings and steel-concrete composite structures, especially bridges of cultural importance. Theoretical and numerical studies on the effectiveness of novel strengthening techniques for ancient masonry bridges and buildings of cultural heritage.
- Analysis of responses of existing structures, design of masonry and concrete structures, assessment of damages, failures and deterioration processes related to materials, environment, climate, structural arrangement and detailing, assessment of bridges with respect to heritage and structural aspects, durability and life span, optimisation strategies for refurbishment, restoration, conservation and preservation corresponding to location and significance of the structure.
- Cooperation and active participation in research carried out at the faculty of Civil Engineering resulting in at least one publication registered in renowned

databases(Web of Science, Scopus)

Requirements:

- Academic or researcher – senior who has been active for a total period of at least 2 years during the past 3 years in the establishment outside the Czech Republic in the field of research, with a job value of at least 0.5 throughout the entire period. Czech citizens are not excluded.
- H-index – minimum value of 8.5 converted according to the “Instructions for calculation of the standardized h-index” standardization table – see Appendix.
- Involvement in at least one international or state subsidy during the last 5 years in the position of head researcher or co-researcher.
- Publication activities – at least 3 publications in journals with IF during the last 5 years.

Required documents:

- Application form
- Professional CV with reference to publication activities in English/Czech
- Copies of academic certificates
- Calculation of the standardized h-index signed by the applicant
- Mobility schedule
- Documents demonstrating activities outside the Czech Republic for a total period of 2 years during the last 3 years (can be demonstrated in the professional CV)
- Brief description of the proposed research topics and justification of relevance of the expected and the benefits for the worker and the Faculty of Civil Engineering at the Czech Technical University in Prague workplace
- Consent to processing of personal data in relation to this selection tender.

Contact:

The application and the compulsory documents specified in the requirements must be submitted by June, 12. 2019 to the e-mail address eva.sestakova@fsv.cvut.cz. Write the sign PK133.



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