

Prague, May 14. 2019

**Dean**

of the Faculty of Civil Engineering CTU in Prague, Thákurova 7, 166 27 Prague 6,  
welcomes applications for a position of:

**Junior Postdoctoral Researcher  
in the framework of the Operational Programme Research, Development and  
Education call “International Mobility of Researchers” PK124**

Place: CTU in Prague, Faculty of Civil Engineering, Dep. of Building Structures

Duration: 12 months

Contract type: Full-time

Expected starting date: 10/2019

Salary based on the conditions of the call covering the cost of living in the Czech Republic.

Follow up contract for another 12 months is a subject of negotiation based on research results and budget situation at the department.

**Description of the research:**

- The research is focused on material and energy optimized building construction fulfilling high quality requirements from viewpoints of sustainability.
- The project is a part of wider research focus on sustainable building construction using high performance and bio based materials. The research will be based on experimental and analytical investigation, and numerical simulation. It will cover (i) experimental laboratory work - verification of mechanical, hygro-thermal and other physical properties by laboratory testing, (ii) full scale testing and (iii) numerical analysis including parametrical simulation and optimization.

**Conditions of the contract:**

- It is expected that candidate will be a junior postdoctoral researcher possessing the degree of Ph.D. or equivalent degree based on the ISCED (International Standard Classification of Education) in the relevant discipline.
- Candidate must be a researcher from a foreign country complying with the programme definition, i.e. a researcher who has spent at least 2 years during the period of past 3 years doing research under a minimum of half-time contract of employment or Ph.D. studies (or equivalent) abroad.
- Candidate is expected to show a publication record of at least 2 publications in

peer reviewed journals indexed in the Web of Science over the period of the past 3 years.

- Description of intended research activities and according to the mobility schedule.
- At least two active participations in a workshop, seminar or international conference and at least one article offered for publication in an impacted journal.

**Required documents:**

- Application for the position
- Professional CV including list of publications
- Copies of the education certificates
- Documents proving employment in research or Ph.D. studies abroad
- Motivation letter
- Consent with the processing of personal data for the purposes of this call

**Contact:**

The application and required documents can be sent to Ms. Eva Šestáková (e-mail [eva.sestakova@fsv.cvut.cz](mailto:eva.sestakova@fsv.cvut.cz)) until June, 15<sup>th</sup>, 2019.

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