

## Dean

Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 166 27 Praha 6, is offering the following job position:

### **Junior post-doc researcher for Mobility within the OP RDE Challenges of the "International Researcher Mobility" P1K123**

Place of work: CTU in Prague, Faculty of Civil Engineering, Department of Material Engineering and Chemistry

Length of work stay: 6 months

Employment: Full time (1.0)

Expected start date of work stay: 10/2019

Salary according to the conditions of OP RDE covering the cost of living in the Czech Republic.

### **Job description and responsibilities of the researcher:**

- The research focuses mainly on the characterization of the microstructure of building materials, as well as the determination of their basic physical and mechanical parameters.
- Particular tasks will include:
  - evaluation of interface between fibrous or particulate reinforcement and polymer matrix,
  - evaluation of properties of the coating systems for construction materials,
  - evaluation of thermal insulation properties of newly-developed materials.
- Research will be carried out mainly using electron microscope and instrument for direct measurement of heat transfer properties.
- The researcher will have to publish at least one contribution in a journal with an impact factor included in the Web of Science database during the stay.

### Requirements:

- Junior post-doc researcher. If the candidate has not yet obtained a Ph.D. degree, then his/her degree must correspond to the 8ISCED (International Standard Classification of Education) level.
- The applicant must be a researcher from abroad by definition, i.e. a researcher, who has worked during the last 3 years for a min. 2 years (as of the date of filing of the application) outside the Czech Republic in the field of research as a part time researcher (min. 0.5) or was a Ph.D. student (or similar forms).
- Documented publishing activities - during the last 3 years, at least 2 publication outputs. In the past 5 years, at least 3 publications in journals with an impact factor.
- Description of intended research activities and according to the mobility schedule.
- At least one active participation in a workshop, seminar or international conference and at least one article offered for publication in a journal with an impact factor.

### Required documents:

- Application form
- Professional CV in English / Czech
- Copy of documents on completed education
- Mobility schedule
- A brief description of the proposed research on which the researcher will work, a justification of the need and benefits for the employee and for the CTU workplace.
- Consent to the processing of personal data in connection with this tender

### Contact:

The application and mandatory documents listed in the requirements must be submitted by June, 9. 2019 to e-mail address [eva.sestakova@fsv.cvut.cz](mailto:eva.sestakova@fsv.cvut.cz). **Write the sign P1K123.**

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