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Faculty of Civil Engineering Czech Technical University in Prague, Thákurova 7, 166 27 Praha 6, offers vacancy for the job:

**Senior Researcher for Mobility within the OP VVV Challenges of the "International Researcher Mobility" /P3K123/**

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

Length of work stay: 6 months

Employment: Part-time (0.5)

Expected start date of work stay: 2/2020

Salary according to the call conditions covering the cost of living in the Czech Republic

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

- Research activities within the application of the reflectometric technique of moisture detection to evaluate dielectric parameters of the building materials and barriers
- Evaluation of the real part of the complex value of the apparent permittivity of moist building material using Time Domain Reflectometry.
- Evaluation of the imaginary part of the complex value of the apparent permittivity of moist and saline building material using Time Domain Reflectometry.
- Evaluation of accuracy of reflectometric techniques of moisture detection comparing to the other measuring methods.
- Publishing at least one post in an impacted magazine in reputable databases (Web of Science, Scopus).
Requirements:

- Senior researcher, who has worked for at least 2 years in an organization outside the Czech Republic in the field of research for the last 3 years, employment for a minimum of 20 hours per week. Citizens of the Czech Republic are not excluded.
- H-index - minimum value 8.5 in conversion according to standardization table "Instructions for calculation of normalized h-index" - see Annex
- Participation in at least one international or state grant over the last 5 years as the principal investigator or co-researcher.
- In the past 5 years, at least 3 publications in impacted journals

Required documents:

- Application form
- Professional CV in English / Czech
- Copy of documents on education
- Calculation of the normalized h-index signed by the researcher
- Schedule of mobility
- 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 workplace of the CTU.
- 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 till November, 25, 2019 to the e-mail address eva.sestakova@fsv.cvut.cz. Write the sign P3K123.

The working visit is funded by means of the International Researcher Mobility Challenge under the Operational Program Research, Development and Education - Registry No. CZ.02.2.69 / 0.0 / 0.0 / 16_027 / 0008465.