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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" /P2K123/**

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

Length of working 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 an application of artificial senses (electronic nose, electronic eye) to evaluate Sick Building Syndrome threat.
- Testing and improving the performance of gas sensor arrays to detect and evaluate mold threat in the residential and historical buildings.
- Development the techniques of evaluation of gas sensor arrays response on indoor air pollutants.
- Testing the performance of electronic eye to evaluate the growth of fungi and bacteria colony as well patterns of moist and salt efflorescence.
- 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 P2K123.

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