

January 25, 2023, Prague

Director

of the Institute of Experimental and Applied Physics, CTU in Prague, Husova 240/5, 110 00 Prague 1, announces the job vacancy:

senior researcher for mobility in the scope of OP VVV call for the project „International Mobility of Researchers“ / 02_18_053/

Workplace: CTU in Prague, Institute of Experimental and Applied Physics

Work period: 4 months

Employment type: Full-time

Expected starting date for the position: 1.3.2023

Salary based on conditions of the call (~90 000 CZK/month).

Responsibilities:

- Research and development in the field of neutrino experiments.
- The work will be oriented on the development of scientific instruments or on the software development related to data analysis.
- Cooperation on research projects and publication of the research outcomes.
- Minimum of two active participations at a workshop, seminar or conference organized at the workplace and report on working activities after each month.

Requirements:

- Candidate is a senior researcher, more than 7 years since obtaining the Ph.D. degree. The candidate has a Ph.D. degree or its equivalent based on 81SCED (International Standard Classification of Education) classification.
- Candidate must be a researcher from abroad by a definition described as a researcher who in the past 3 years spent at least 2 years (at the date of application) working in a research field outside of CZ for a minimum of 50%-time employment.

- H-index – minimum value of 8.5 converted according to the “Instructions for calculation of the standardised h-index” standardisation 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 impacted magazines during the last 5 years.
- The researcher must have an experience with experiments related to neutrino physics, experience with the development of software (data analysis, visualization or communication with electronics).

Mandatory documents:

- Application
- Professional CV with a reference to publishing activities in English/Czech
- Copies of diplomas
- The mobility schedule
- Documents proving activities outside of CZ for at least 2 years in the past 3 years or studying of Ph.D. (can be listed in the CV)
- Brief description of the candidate proposed research work, justification of its necessity and benefits for the candidate and the IEAP CTU workplace.
- Consent to the processing of personal data for the purpose of this tender.

Contact:

The application and listed mandatory documents can be sent till **February 25, 2023** to the email address martina.vanisova@utef.cvut.cz.

The work stay is funded by the International Mobility of Researchers under the Operational Programme Research, Development and Education – project reg. num. CZ.02.2.69/0.0/0.0/18_053/0016980.

Annex No. 14 Manual for the Calculation of the Normalised H-index

The calculation of the normalised h-index will be one of the annexes submitted during the project implementation for each Senior Researcher (Activity No. 2 and 4) and Mentor in Activity No. 3. Researchers working in the field of social and humanistic fields are exempt from this obligation.

The calculation will be made according to the following table:

The normalizing factor f : $h_N = f \times h$

Discipline f

Agricultural Sciences 1.27

Biology & Biochemistry 0.60

Chemistry 0.92

Clinical Medicine 0.76

Computer Science 1.75

Engineering 1.70

Environment/Ecology 0.88

Immunology 0.52

Materials Science 1.36

Mathematics 1.83

Microbiology 0.63

Molecular Biology & Genetics 0.44

Neuroscience & Behaviour 0.56

Pharmacology & Toxicology 0.84

Physics 1.00

Plant & Animal Science 1.08

Psychiatry 0.88

Space Science 0.74