SENIOR RESEARCHER

Dean of Faculty of Information Technology, Brno University of Technology hereby announces the employee selection process for one position of Senior Researcher for the Department of Computer Systems FIT BUT.

(for project CZ.02.2.69/0.0/0.0/18_053/0016962)

Workplace: Božetěchova 1/2, 612 66 Brno, Czech Republic, Faculty of Information Technology

Description:

The Senior Researcher will be involved in the research within the research topics of the prestigious research team at UPSY FIT BUT and will be focused primarily on the area of neural engineering and computational neuroscience. The main aim of the research will be "Developing novel neuroimaging techniques for preventive mental health". The research includes also the practical outputs of the work such as publications in the top scientific journals and conferences. The job includes active participation in conferences and similar events.
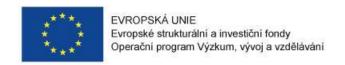
Qualification and other requirements:

- at least 7 years from Ph.D. or its international equivalent (International Standard Classification of Education ISCED 8)
- min. 3 publications registered in Thomson Reuters Web of Science, Scopus, ERIH PLUS databases plus other publications (such as "article", "book", "book-chapter", "letter" and "review") within the last 5 years
- a participation in at least one international grant or national grant within the last 5 years as the lead researcher or co-researcher
- be a researcher from abroad who has worked for at least 2 years over the period of the last 3 years in an organisation/organisations outside the Czech Republic in the field of research, with working time at least 0.5 FTE, Czech citizens are not excluded
- H-index of min. 8.5 (normalized by the normalizing factor given in the annex), source for calculation of the h-index must be Web of Science or Scopus
- have previous experience in IT research with a focus on signal and image analysis for functional magnetic resonance imaging (fMRI) and electroencephalogram (EEG)
- have good presentation skills, experience with international conferences
- be fluent in spoken and written English
- have excellent communication skills and ability to work in a team

BUT offers:

- an interesting job in IT research in Cognitive & Neural Engineering
- work in a professional team and a pleasant working environment
- one calendar year contract, full-time (40 hours a week)
- BUT Welcome Service (visa, accommodation and family support)

Start date: 1 July 2022

Please, send us the following:

- a structured CV (signed) including an overview of the publication activity and the citation response, participations in grants, achieved research outputs, international experience, etc.
- Document(s) proving activities outside the Czech Republic for two years in the last three years (or declaration)
- a copy of the evidence of education (Ph. D. diploma or equivalence)

Applications deadline: **22. 04. 2022**

Send applications to HR Department: Mgr. Barbora Paulíková, **email:** paulika@fit.vut.cz

Annexes How to calculate normalized h-index

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

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