

**The VŠB-Technical University of Ostrava
is searching for suitable candidates for
post-doctoral research positions**

The VŠB-Technical University of Ostrava is a technical and economic institution providing bachelor's, master's and doctoral levels of education, based on free and internationally oriented research. It has the right of conferring academic and scientific degrees, as well as doctoral honorary degrees.

The VŠB-Technical University of Ostrava ranks among the top technical universities in the Czech Republic. It is equipped with excellent research infrastructure and modern laboratory facilities. The scientific and teaching staff collaborate with research and academic institutions and experts on both national and international levels, number of multinational research teams evolve the science and development at the University.

Currently we offer 22 post-doctoral (postdoc) research positions on the following nine themes (project modules), supported by the EU Operational Program Education for Competitiveness and the Czech state budget:

- B. Decontamination of acid mining water**
(2 postdoc positions; contact: Professor Andras, peter.andras@vsb.cz)
- D. Measurement-taking, transmission and data processing in distributed industrial and biomedical applications**
(1 postdoc position; contact: Assoc. Professor Koziorek, jiri.koziorek@vsb.cz)
- E. Bio-inspired computations, artificial intelligence and logic**
(3 postdoc positions; contact: Professor Snasel, vaclav.snasel@vsb.cz)
- F. Problems with reliability and power supply of electric traction**
(1 postdoc position; contact: Assoc. Professor Styskala, vitezslav.styskala@vsb.cz)
- G. Development of new methods for the design, modelling and evaluation of the safety and reliability of steel structures**
(1 postdoc position; contact: Professor Strnadel, bohumir.strnadel@vsb.cz)
- H. Advanced materials, preparation and technology of their processing**
(7 postdoc positions; contact: Professor Drapala, jaromir.drapala@vsb.cz)
- I. Nanomaterials and nanostructures for progressive applications**
(2 postdoc positions; contact: Professor Pistora, jaromir.pistora@vsb.cz)
- K. Mechatronic systems - Control of mechatronic systems, Lifetime prediction of advanced metallic materials for mechatronic systems**

INVESTMENTS IN EDUCATION DEVELOPMENT

(3 postdoc positions; contact: Professor Noskievic, petr.noskievic@vsb.cz)

L. Managing, decision-making and modelling of economic and financial processes

(2 postdoc positions; contact: Professor Zmeskal, zdenek.zmeskal@vsb.cz)

The positions will be located in Ostrava, the third-largest city in the Czech Republic. The employer will be The VŠB-Technical University of Ostrava. Postdocs will be employed full-time for a fixed period of up to 2 ½ years. The gross salary ranges between 40 – 50 thousand CZK a month (EUR 1600 – 2000). The main postdoc activities are: participation in research activities in a relevant team of experts, preparation of new joint research projects, publication activities, teaching, active participation in workshops and conferences, foreign internships or internships in the application sphere for 3 – 6 months.

The selection procedure, a basic description of each project module, the contents of the postdoc's work and specific project module requirements for the candidate (expected education, knowledge, experience and skills) are placed on our website <http://postdoci.vsb.cz/cs/okruhy/aktivita/>.

For informal enquiries about any aspect of the positions, please contact the relevant investigator mentioned in the parentheses above.

The closing date for applications is August 20, 2012.

Published on July 18, 2012