



VŠB-TECHNICAL UNIVERSITY OF OSTRAVA

Faculty of Civil Engineering

DEPARTMENT OF GEOTECHNICS AND UNDERGROUND ENGINEERING

Date: 9.10.2015

Subject: Job offer - SENIOR RESEARCHER POSITION

The Ministry of Education of the Czech Republic has opened a call for new research teams led by foreign experts. We are currently seeking a **Senior Scientist** with depth in one or more of following fields: **soil mechanics, soil testing, mechanized tunnelling, geotechnical modelling, variably saturated flow, mass and heat transport modelling**. The successful candidate will develop and lead research team with the assistance of our industry partners and externally funded innovative research programmes.

About institution

VSB – Technical University of Ostrava (formerly University of Mining and Metallurgy Ostrava) was founded in 1849, and has since grown into a modern institution of higher learning, offering the highest levels of education in technical and economic branches of study, based on the interconnection of science, research, education, and the creative activity that binds and enhances them.

Ostrava has long been a hub of major industry in central Europe, and study and research at VŠB-TUO is known by historically close ties with major international companies, as well as by joint research and mobility programmes with university partners the world over.

VŠB-TUO is the fourth largest university in Czech Republic with over 20,000 students studying in bachelor's, master's and doctoral degree programs in seven faculties. In November 2011 VŠB-TUO was awarded the prestigious ECTS Label, a mark of the quality of implementation of the credit system in bachelor and master study programmes according to European standards. University cooperates with educational and research institutions worldwide. From joint research programmes with universities in the U.S., to cooperative degree and exchange programmes in Europe, Japan, China, and beyond, VŠB-TUO holds international education as a priority which diversifies and strengthens not only our student body but the University as a whole.

Recently, the Salomon supercomputer, which is the 14th most powerful one in Europe, was put in operation at university. It ranks the university among the elite in the High Performance Computing.

Key Responsibilities:

Specific deliverables for Senior Researcher include to:

- in collaboration with recent staff members and industry partners develop a strategic research plan that presents a compelling way forward,

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- build and effectively manage the research team,
- prepare applications for external funding via European and worldwide research funding schemes (Horizon2020 etc.),
- publications in worldwide recognised journals recorded in WoS, Scopus etc.

Working conditions

We offer:

-5-year contract as a team leader

- salary based on European standards (hourly gross rate about 585 CZC/ per 1 hour (approximately 19 Euros/ per 1 hour)),

- financial support for the equipment and for the research of the whole team,

- possibility to select your co-workers.

The selected candidates will be submitted to the Czech Ministry of Education for approval.

Further information and details can be discussed with the Head of the Department of Geotechnics and Underground Engineering and other representatives of the faculty.

Best regards



Associate Professor Eva Hrubesova

Head of the Department of Geotechnics and Underground Engineering

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