



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

EMPLOYEE SELECTION

Brno University of Technology, Dean of Faculty of Information Technology, hereby announces the employee selection process for one position of an academic worker in the following area:

ACADEMIC STAFF – JUNIOR LECTURER (DOCTORAL STUDY GRADUATE) (for the ESF project CZ.1.07/2.3.00/30.0039)

Research specialization of the expert team: Man-machine communication for robotic systems navigation and mission planning

Job position description:

The selected post-doc shall reinforce the current research team of the Brno University of Technology. His/her main task shall be participation in science and research activities of the expert team under the supervision of a mentor as well as implementation of science and research activities plan. He/she shall also participate in educational activities in the range of a full-time post-doc, i.e. 3-5 hours on average per week. The research work shall be performed by means of scientific results publication in prestigious foreign magazines, industrial results, integration into national and international research projects (e.g. GA CR, TA CR, FP7 etc.). The post-doc shall also undergo a 3-6 months internship and participate in Czech and foreign conferences as well. Subsequently, he/she will be required to transfer the acquired pieces of knowledge to other scientific workers and students by means of workshops.

Qualification requirements:

- graduation of a Ph.D. study programme at a Czech university or an adequate study programme abroad, accepted by the Czech tertiary education law (n. 111/1998 Sb.), the earliest study completion date being 28th March 2008 in robotic systems or similar domain
- adequate knowledge of Czech or English (CAE certificate or alternative)
- experience with research of path planning methods and trajectory visualizations for robotics systems with optimization approaches similar to active contours, etc.
- experience with realization of algorithms in ROS

The position shall be occupied by one applicant only. The announced position is a full-time job for a period of 31 – 34 months.

Proposed salary: 40.000 – 60.000 CZK (gross pay/salary monthly – 100% job – 40 hours per week)

Expected start date: 1st September 2012

The application form must include:

- structured CV
- copies of university degree documents (diploma)
- copies of English level certificate (CAE or alternative)
- overview of published articles in prestigious magazines and other publications
- overview of quotations in international scientific literature
- overview of implemented research results
- overview of research teams the applicant has cooperated with, including a list of projects the applicant participated in

Announcement date: 17th July 2012

Application form deadline: 20th August 2012 till 1 p. m. CET.

Written applications to be handed over to the Research Centre of Information Technology, Faculty of Information Technology, Brno University of Technology, Bozotechova 2, 612 66 Brno.

Contact person Tomas Urban, email: urbant@fit.vutbr.cz, tel: +420 54114-1205.

Tento projekt je spolufinancován Evropským sociálním fondem a státním rozpočtem České republiky.