

**Director of the Institute for Nanomaterials, Advanced Technologies and Innovation
at the Technical University of Liberec
announces public competition for the following position:**

POSTDOC RESEARCHER – KA10

**PROJECT OP VVV – INTERNATIONAL MOBILITIES OF RESEARCHERS AT THE TUL
REG. NO. CZ.02.2.69/0.0/0.0/16_027/0008493**

Job description:

- Research and publishing activities, self-education activities, preparation and implementation of projects in the **field of robotics and construction – information systems**

Required competence and expertise:

- Experience in the field of mixed and virtual reality in technical application, interactive systems using hololens - for example: knowledge of embedded systems, basic orientation in telemetry, sensors, real time signal processing, knowledge of UVP, 3D frameworks, Unity or ThreeJS, orientation in 3D modeling, orientation in hadoop distributions and use of hadoop as repository, knowledge of bigdata tools
- Experience with presenting at international conferences
- Experience with publications in scientific journals in English language
- Analysis of the current state of the solution
- High level of creativity and invention to solve demanding technical projects
- Meeting the deadlines
- Teamwork
- Flexibility and responsibility
- Independence, communication skills

Required education and practice:

- Graduated technical education
- PhD. or equivalent – **max. 7 years after the PhD. studies completion**
- Practice on R & D projects
- Knowledge of English language In both words and letter

Required criteria:

- An applicant must be a researcher from abroad, which means that in the last 3 years s/he worked minimally 2 complete years outside of the Czech Republic as a researcher with a minimum working load 0.5, or was a student in a PhD. programme or its equivalent; Czech citizens are not excluded

Employment relationship:

- Working load 100 %
- Work contract will be concluded for a fixed term to March 2019, or by agreement

Date of commencement of employment:

- September 2018, or by agreement



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MINISTRY OF EDUCATION,
YOUTH AND SPORTS

Salary:

- Wage rate C3 is based on TUL internal salary regulation - salary corresponding to prestigious academic institute, incentive wage and working conditions, performance rewards

Working conditions and wage classification are governed by the Conditions of Employment, Internal Salary Regulation of the Technical University of Liberec, the Labour Code and the Regulations on Competitive Selection Procedures for Filling Academic Positions of the Technical University of Liberec.

We offer:

- Interesting, varied and responsible work
- Flexible working hours
- University canteen
- Child care, babysitting
- Accommodation in university lodging facilities
- Competitive salary

The application form must be accompanied with the following documents either in Czech or English:

- a) Officially certified copy of a PhD. diploma
- b) Structured CV following the Europass template
- c) Motivation letter of maximum two A4 pages describing aims for the research and innovation stay at the Technical University of Liberec
- d) Proof of publication activity – in the last 3 years minimally 2 publications. Required publications include professional contributions listed in the databases: Thomson Reuters Web of Science, Scopus or ERIH PLUS, and simultaneously belong to the categories of "article", "book", "book chapter", "letter" and "review".
- e) Certificate confirming the knowledge of either Czech or English – level B1 or higher

In the first round of the selection procedure, the appointed committee will evaluate the presented documents. Subsequently, the committee will evaluate the required criteria completion and the aims for the work stay as presented in the submitted documents. All applicants will be notified about the decision not later than 40 working days from the end of the selection process.

The application with the above mentioned documents is to be sent not later than 26. 8. 2018 by e-mail or regular mail to the address below:

**Technical University of Liberec
Personnel Department
Studentská 1402/2
461 17 Liberec 1**

Contact person: Mgr. Jitka Havlíková, Head of Personnel Department
e-mail: volnamista@tul.cz

The above mentioned position was announced on 26. 7. 2018 on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberova-rizeni-volna-mista>), on the employment portal of the Ministry of Labour and Social Affairs (<http://portal.mpsv.cz/sz>), on the portal EURAXESS: (<http://www.euraxess.cz/>) and on portal Research Gate (<https://www.researchgate.net/>).



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