

The Director of the Institute for Nanomaterials, Advanced Technologies and Innovation, Technical University of Liberec announces the following selection procedure for the position:

03_8420_JUNIOR RESEARCHER_SPECIALIST - DEVELOPMENT OF DIRECTIONAL CONTROL OF THE VEHICLE

**PROJECT OP VVV – MODULAR PLATFORM FOR AUTONOMOUS CHASSIS OF SPECIALIZED
ELECTRIC VEHICLES FOR FREIGHT AND EQUIPMENT TRANSPORTATION,
REG. NR. CZ.02.1.01/0.0/0.0/16_025/0007293**

Job description:

- development and design of the autonomous vehicle direction control mechanism
- design of kinematics and strength control of the proposed solution
- share on the physical implementation of the solution
- presentation of results in public publications
- collaboration to solve autonomous vehicle axle design within the research team

Required qualifications:

- knowledge of using 3D CAD software

Required education and practice:

- requires the ongoing (or completed) study at a technical college the best Faculty of Mechanical Engineering

Employment relationship:

- part-time (20 %) job or by agreement
- the contract will be concluded for a fixed term of 31.12. 2019 with opportunity of prolongation

Date of commencement of employment:

- September 2018 or by agreement

Salary:

- wage grade C1 – C3 according to the internal wage regulation and achieved scientific degree

Working conditions and wage classification is governed by the Work rules, Inner wage regulation of the Technical University of Liberec, the Labour Code and the Regulations of selection process for filling vacancies of academic staff and other employees of the Technical University of Liberec.

We offer:

- work in projects
- pleasant working environment
- interesting, varied and responsible work
- flexible working time
- child care, babysitting, kindergarten
- language courses
- university canteen
- 5,6 weeks of holidays (28 days)
- possibility to be accommodated in a university dormitory

The application form must be accompanied with the following paper documents:

- a) brief CV
- b) brief description of previous professional, scientific and publication activities
- c) evidence of completion of education, evidence of professional competence and membership in professional associations, references from previous work – please provide contacts to two persons

In the first round, the paper documents will be assessed, in the second round, selected candidates will be required to undergo personal interviews. All applicants will be informed about the result within 30 days from the end of the selection process.

Please, submit the application together with the above mentioned documents by email or mail no later than on 10th September 2018 to the following address:

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

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

The announcement of the above mentioned position is made public from 8th August 2018 on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberovazizeni-volna-mista>), on the web page of the Institute for Nanomaterials, Advanced Technologies and Innovation <http://cxi.tul.cz/o-nas/volna-pracovni-mista.html>, on the employment portal of the Ministry of Labour and Social Affairs (<http://portal.mpsv.cz>), and on the portal: (<http://www.euraxess.cz/>).