

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

02_8430_SENIOR RESEARCHER – COMPOSITE SPECIALIST

**PROJECT OP VVV – MODULAR PLATFORM FOR AUTONOMOUS CHASSIS OF SPECIALIZED ELECTRIC VEHICLES FOR FREIGHT AND EQUIPMENT TRANSPORTATION,
REG. NO. CZ.02.1.01/0.0/0.0/16_025/0007293**

Job description:

- R&D member at Department of Machinery Construction to position of **excellent** member
- Composite specialist

Required qualifications:

- expertise and experience in the characterization and quantification of the geometric structure of fibrous reinforcements and composites
- experience with data preparation for simulation and numerical modeling of properties of composite reinforcements and composites
- optimization of material parameters of composite
- experience in the preparation of modified composite systems (nanoparticle and hybrid systems)
- ability to manage research tasks independently
- advanced skills for data interpretation - creatively, systematically and conclusively
- creative thinking, the ability to work systematically and to make conclusions based on the experiments performed
- sense of responsibility and ability to work in team
- oral and written communication skills to present scientific results (public in database SCOPUS, ISI WOS, articles with Impact factor)

Required education and practice:

- university degree (Ph.D. or assoc. professor) in technical field
- H index = min.5
- good knowledge of English language both written and spoken, knowledge of another foreign language

Employment relationship:

- part-time (20 %) job or by agreement
- the contract will be concluded for a fixed term of 31.12.2022 with opportunity of prolongation

Date of commencement of employment:

- September 2018 or by agreement

Salary:

- wage grade C3 – C4 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/vyberova-rizeni-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/>).