

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

**JUNIOR RESEARCHER AT THE DEPARTMENT
OF PREPARATION AND ANALYSIS OF
NANOSTRUCTURES – 8210
VŘ 8**

**PROJECT OP VVV – HYBRID MATERIALS FOR HIERARCHICAL STRUCTURES
REG. NO. CZ.02.1.01/0.0/0.0/16_019/0000843**

Job description:

- junior researcher at the Department of Preparation and Analysis of Nanostructures

Required qualifications:

- interdisciplinary experience in research and applications of chemical and physical methods for modifications and functionalizations of surfaces and creation of functional (nano)layers
- expertise in chemistry, chemical technology and/or material engineering
- experience with measurements and evaluation of properties of surfaces and layers (hydrophobicity/oleophobicity, mechanical properties)
- experience with laboratory praxis
- creative thinking, 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

Required education and practice:

- university degree (M.Sc. or equivalent) in the field of chemistry, chemical engineering or materials
- being PhD student is an advantage (readiness to study begin in 2018)
- good knowledge of English language both written and spoken, knowledge of another foreign language advantage
- at least 6-months internship at foreign research institution or university (preferably Europe/USA)

Employment relationship:

- min. part-time (50 %) job or higher by agreement
- the contract will be concluded for a fixed term of 1 year with opportunity of prolongation till end of the project

Date of commencement of employment:

- April 2018 or by agreement

Salary:

- Wage rate C3. Salary is dependent on applicant's CV and is based on collective agreement with the Technical University of Liberec



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 weeks of holidays
- 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

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 7th March 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 5st February 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/>).

