

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

## **RECOGNISED RESEARCHER AT THE DEPARTMENT OF NANOTECHNOLOGY AND INFORMATICS**

### **8230 – TR 9**

#### ***Job description:***

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- Research and publication activities, self-education activities, preparation and implementation of project in the area of modeling of transport processes in the filtration of fluids and suspensions

#### ***Required qualifications:***

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- Experience in creating and implementing technical process models, overview of current SW packages for THMC processes and their use in solving technical problems
- Experience with presentation at international conferences
- Publication of results in Impacted Scientific Journals (ISI WOS or Scopus Database)
- Ability to analyze the current state of the solution
- High level of creativity and inventiveness in solving challenging technical projects
- Reliability in meeting deadlines
- The ability to cooperate in teams, project solution and submission
- Flexibility and responsibility
- Independence, communicativeness

#### ***Required education and practice:***

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- Completed university education in the field of electrical engineering, information technology or mathematical engineering
- Ph.D. degree or its foreign equivalent
- Experience with R&D projects.
- Knowledge of English language in speech and writing, knowledge of another foreign language advantage

#### ***Employment relationship:***

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- Full-time 100%, eventually upon agreement.
- The contract will be concluded for a fixed term till 2022, or in case of an agreement (*max. 3 years*) with the opportunity of prolongation in relation to the project realization and internal TUL regulations.

#### ***Date of commencement of employment:***

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- June 2019, eventually upon agreement

#### ***Salary:***

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- Wage rate C2 (R2) according to the TUL Internal wage regulations in relation to the position and expert praxis
- Possibility of granting a personal bonus after the trial period in connection with the performance evaluation



Working conditions and wage classification is governed by the Work rules, Inner wage regulation of the Technical University of Liberec, the Labor Code and the Regulations.

***We offer:***

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- interesting, varied and responsible job
- 6 weeks of holidays (30 days)
- flexible working time
- university canteen
- university kindergarten
- children's playground for toddlers
- possibility of accommodation in the university dormitory
- pension or life insurance benefits
- language courses in the University language school

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

- a) brief CV
- b) brief description of previous professional 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 May 15, 2019 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](mailto:volnamista@tul.cz)

***The announcement of the above mentioned position is made public from April 15, 2019 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/>)***

