

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

## **FIRST STAGE RESEARCHER AT THE DEPARTMENT OF NANOTECHNOLOGY AND INFORMATICS - 8230**

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

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- researcher at the Department of Nanotechnology and Informatics - Senior Geo-chemist / Geologist / Hydrogeologist with a focus on the preparation, coordination and implementation of interdisciplinary research projects,
- coordination and implementation of projects in the field of technology development for hazardous and radioactive waste management, prediction and modeling of ground and mine water behavior, geochemistry of groundwater and rock environment in relation to interactions of stored materials with materials of engineering and natural barriers and possibly technological interventions

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

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- expertise in geology / geochemistry / hydrogeology or related natural sciences
- experience in implementation of interdisciplinary projects in the field of geology, geochemistry, hydrogeology, disposal of hazardous or radioactive waste
- experience with preparation of project proposals for R&D support programs EURATOM, TAČR and similar
- experience with modeling and implementing predictive behavioral studies concerning rock environment, hydrogeology and transport of substances
- creative thinking, ability to work systematically and deduce conclusions from implemented projects
- sense of responsibility and teamwork
- good communication and presentation skills
- ability to present scientific results orally and in writing
- experience with publishing results of scientific projects is an advantage

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

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- master's degree (or equivalent) in technical or natural-science field
- at least 5 years of experience in realization of R&D projects in the field of geology, geochemistry, hydrogeology
- appropriate publishing activities, experience in processing and publishing the results of research projects
- good knowledge of English language, both written and spoken, knowledge of other foreign languages is an advantage
- ability to communicate in Czech language is an advantage

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

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- the contract is based on 100% workload, or by agreement
- the contract will be concluded for 2 years or in case of agreement (*max. 3 years*) with the possibility of prolongation in connection with the project completion and internal TUL regulations

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

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- January 2020 or by agreement

***Salary:***

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- wage rate C1 (R1) according to the Inner wage regulations of the TUL in relation to the offered position and praxis
- the possibility of granting a personal bonus after a probationary period in connection with the performance evaluation

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

***We offer:***

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- interesting, varied and responsible work
- 6 weeks (30 days) of holidays for a full time position
- flexible working time
- university canteen
- child care, babysitting, kindergarten
- possibility to be accommodated in a university dormitory
- pleasant working environment
- subsidy to retirement or life insurance
- language courses at the Internal language school

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

- a) brief CV
- b) brief description of previous professional, scientific 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 **December 12, 2019** to the following address:***

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

Contact person: Ing. Alena Šírková, Personnel Department  
e-mail: [volnamista@tul.cz](mailto:volnamista@tul.cz)

***The announcement of the above mentioned position is made public from **November 12, 2019** on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberova-izeni-volna-mista>), on the portal MPSV: <https://portal.mpsv.cz/> and on the web page of the Institute for Nanomaterials, Advanced Technologies and Innovation <http://cxi.tul.cz/o-nas/volna-pracovni-mista.html> and on the portal: (<http://www.euraxess.cz/>).***

