

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

## **FIRST STAGE RESEARCHERS AT THE DEPARTMENT OF PROCESS MODELING - 8230\_C1/R1**

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

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- Scientific-research and publishing activities, self-educational activities, implementation of projects in the field of modeling of mechanical, hydraulic and transport processes in a porous environment

### ***Required qualification:***

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- Experience in the creation and implementation of numerical models of natural / technical processes
- Informed about current SW packages for solving THMC processes (e.g. GeoDict, COMSOL, ANSYS, etc.), their knowledge is an advantage
- High level of creativity and inventiveness in solving demanding technical projects
- Ability to analyze the current state of the solution
- Experience with presentations at foreign conferences
- Ability to think critically and make independent decisions
- Ability of apply detailed and multicriterial analysis of solutions.
- High level of creativity and inventiveness in solving demanding technical projects and technological problems
- Reliability in meeting deadlines
- Ability to finalize assigned tasks
- Flexibility, responsibility and a proactive approach
- Independence, communicativeness
- Reliability in meeting deadlines
- Ability to work in a team, flexibility and responsibility

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

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- Master's degree in technical field or field of natural sciences, or possibly completed master's degree studies till February 28, 2021
- Praxis in R&D projects
- Good knowledge of English language, both written and spoken, knowledge of other foreign languages 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 a fixed term till October 31, 2023 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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- March 1, 2021, or by agreement

### ***Salary:***

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- Wage classification C1 (R1) according to the Inner wage regulation of the TUL

- tariff wage 28,000 to 33,000 CZK in connection with professional practice with the possibility of increase by motivational components according to the evaluation of work performance (project, personal allowances or rewards)

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
- 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 **30.10.2020** to the following address:***

**Technická univerzita v Liberci  
Personální oddělení  
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 **30.09.2020** 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 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/>).***

It is possible to inquire about the specific result of the selection procedure concerning the given applicant via the e-mail [hr.cxi@tul.cz](mailto:hr.cxi@tul.cz), within 7 calendar days from the date of sending information about the result to the given applicant.



HR EXCELLENCE IN RESEARCH

CxI is the holder of the HR AWARD, therefore it has its own OTM-R Policy, resp. Recruitment document based on the principles of openness, transparency and merit criteria, which guarantees applicants correct CxI procedures in selecting the most suitable candidate for the position. At the same time, the CxI respects the recognition of qualifications according to the legislation in the Czech Republic, resp. according to Act No. 18/2004 Coll., but also the recognition of informal qualifications.

