



Slovak University of Technology in Bratislava

INSPIRELI AWARDS

Announce

**Student Architectural competition for a conceptual design
of the STU campus solution**

**Center of Innovation in Bratislava
Transformation of the courtyard**

Competition Conditions

Bratislava 09-2020

Announcer:

Slovak University of Technology in Bratislava Vazovova 5, 812 43 Bratislava, Slovak Republic e-mail: rector@stuba.sk, public@stuba.sk



Competition Organizers

INSPIRELI AWARDS
Department of Architecture at CVUT in Prague
Thákurova 7, 166 29 Praha 6

Processors of competition conditions:

doc. Ing. arch. Ľubica Vitková, PhD. STU Bratislava

Competition subject

The subject of the competition is an ideological design elaboration for transformation of STU campus courtyard in Bratislava

Type of the competition, conditions to participate

Architectural, student, non-anonymous, open, aiming at students from around the world without restrictions.

Competition Conditions and brief

Competition conditions and brief will be announced at the website:
<https://www.inspireli.com/en/awards/documents //>

Timeline and Deadlines

- | | |
|---|--|
| • Competition opened, publication of conditions | 1.10.2020 |
| • Presentation of the competition conditions | www.inspireli.com |
| • Submission of competing proposals | 15.7.2021 |
| • Competition results announcement | 1.10.2021 |

Content requirements and organization of the competition proposal

The competition proposal will contain graphic and written parts that will be uploaded to www.InspireliAwards.com under “Architecture / STU Campus” category

Content and arrangement of the graphic and written parts

- **Content of the graphic part:** Main perspective of the proposal from the normal horizon situation, floor plans, 2 sections, all views, axonometry of the area and other perspectives and views as desired
- **Content of the written part:** author's report with a description of the ideological, architectural, construction materials and technical aspects of the design, divided into text fields:
 - Project idea
 - Project description
 - Technical information
 - Co-authors (If the student works with the school projects, the teacher will be added)

Proposal evaluation criteria

The criteria according to which the competition proposals will be evaluated are determined, without order of importance, as follows:

- a) Compliance of the proposal with the competition conditions
- b) Quality of the architectural solution: originality, creativity and real feasibility of the proposal

Prizes and Rewards

1. Financial rewards:

- | | |
|---------------------------|-----------|
| a. První cena / 1st Prize | 2 000 Eur |
| b. Druhá cena / 2nd Prize | 1 500 Eur |
| c. Třetí cena / 3rd Prize | 1 000 Eur |

2. Non-financial rewards

In case of execution, the name of the author of the winning design will be displayed at the building of the STU courtyard, which will come from his winning design.

Competition Jury

- 2 x
- 1 x

1 x Chairman of the competition Jury SKA/Ing. arch. Ľubomír Závodný/ Ing. arch.Pavol Paňák

- 1 x Ing. Arch. Otto Dvořák

Actual names will be specified

Regulations, requirements, operational context and required program for the solution of the transformation of the STU campus courtyard in Bratislava:

Ideological level of the design

The goal of the competition is to obtain ideas for a representative center of STU in Bratislava. It should include the STU innovative science center, educational, social, multi-purpose and leisure spaces such as interiors, exteriors and part of the rector's workplaces.

The STU center should serve to students, teachers, researchers and STU employees, as well as profession experts, municipal authorities and the public.

Its goal is to create conditions for cooperation of the professionals and academic environment, and to serve as an important city space for communication with public. This would be emphasized by the openness of the area and its connection to the main public spaces of the city.

The importance of a common center is crucial, given the fact that STU is located not only in several buildings but also at few locations in Bratislava (City center – 4 faculties – Náměstí Slobody and Kollárovo square, Starohorská and Radlinského street, Mlynská dolina – 2 faculties, STU rectorate Center for management in Vazovova Street) as well as in a city of Trnava – 1 faculty at Bottova Street.

The diverse localization and the absence of the common campus of STU motivates the creation of the common representative center with intention to strengthen the importance of the historically established University core, today formed by 4 faculties

- Faculty of Civil Engineering
- Faculty of Mechanical Engineering
- Faculty of Chemical and Food Technology
- Faculty of Architecture in the city center.

The proposed development location in the city center, its location in relation to the main urban spaces (Náměstí Slobody, Kollárovo square, Starohorská street) with links to important buildings in the area such as the Government, the Ministry of Transportation and Construction of the Slovak Republic, the National Bank of Slovakia, the Slovak Radio and Television building, the New Stage theater or the Design Center, provide preconditions for a synergistic effect of the new STU University Center and the strengthening of importance and visibility of STU.

Land and its basic regulations

The land of the “Innovation Center of STU” lies between Freedom Sq. (Námestí slobody), Kollar Sq. (Kollárovo námestí), Starohoská and Radlinská streets. It is located in proximity of important public urban spaces (the Squares) and the main development axis connecting the center of the city with its other parts.

In the current city development plan of the capital of the Slovak Republic, Bratislava, it is functionally defined as civic amenities of a city-wide and beyond significance.

The potential for the development of an innovative university is the inner courtyard area between the Freedom Sq. (Námestí slobody), Kollar Sq. (Kollárovo námestí), Starohoská and Radlinská streets.

The courtyard includes an object of heavy laboratories and several temporary buildings.

It is essential to utilize the connection of the area to the main public spaces as Freedom Sq. And Radlinskeho Street, as well as to the main communication and social areas of the faculty’s buildings, both at the level of terrain, and potential connections between individual buildings in a form of „bridges”.

Safety requirements, construction distances

It is necessary to ensure standard safety and light-technical requirements.

Operational and user requirements

In terms of operation, it is necessary to strengthen the existing connection to the main public spaces – Nám. Slobody and Radlinského street, as well as to the main communication and social areas of faculty buildings, especially at ground level. It would be appropriate to look for other forms of connections between individual buildings. From the point of view of the operator, it is appropriate to use the level below the terrain to the maximum extent, so that the space of the block serves primarily public functions.

The economic and sustainability aspects are crucial for the design of the new construction and transformation of the STU Innovation Center complex.

For this reason, it is appropriate to evaluate, to the maximum extent, the existing spaces of the surrounding buildings of individual faculties, their roof planes or atriums. A suitable transformation of the heavy laboratory building is also a challenge.

Required program

The design of buildings or a set of buildings, as well as verification of the possibility of transformation of the heavy laboratory building in the courtyard of the STU campus in Bratislava must include the following functional spaces:

Spaces	Space area m2 (max. size)
Innovative interdisciplinary research center STU, startup center, cooperation with practice	4000
Presentation (experiential) center of science and research.	1000
Administrative offices of the Rectorate in connection to research	500
Social, exhibition and multipurpose spaces	1000
Media library, study rooms	500
Workshops	300
Info services, entrance area	500
Catering, restaurants, cafes	500
Technical background	500
Max.	From 7 500 TO 10 000
Underground garage (under the building and part of the yard) (approx. 300 places)	7 500
SUM	Max. 17 500

Local program for the use of free space:

- Spaces for gatherings
- Spaces for relaxation
- Educational spaces in the exteriors
- Areas for presentations and exhibitions
- Areas for formal and informal meetings
- Outdoor seating for social events - Amphitheatre
- Sport grounds
- Pavilions
- Greenery
- Minimization of parking spaces at above-ground level

An important part of the transformation of the STU courtyard is the possibility of implementation in stages

Special option - involvement of materials of our Partners:

Part of the assignment of the transformation of the STU courtyard is the possibility to include building elements of the Wienerberger company in the proposal. Wienerberger, as a general partner of the INSPIRELI AWARDS competition, will supply its materials to the University for the project realization at the cost prices. As a result, the University can then invest the saved funds into the building's equipment.

Attachments:

- Photo-documentation
- Technical documentation



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