

- Since its foundation in the year 1937 more than 159.000 students have graduated. In average, 12.000 students study at the STU every year.

- At present, the STU consists of seven faculties

Faculty of Civil Engineering

Faculty of Mechanical Engineering

Faculty of Electrical Engineering and Information Technology

Faculty of Chemical and Food Technology

Faculty of Architecture

Faculty of Materials Science and Technology

Faculty of Informatics and Information Technologies



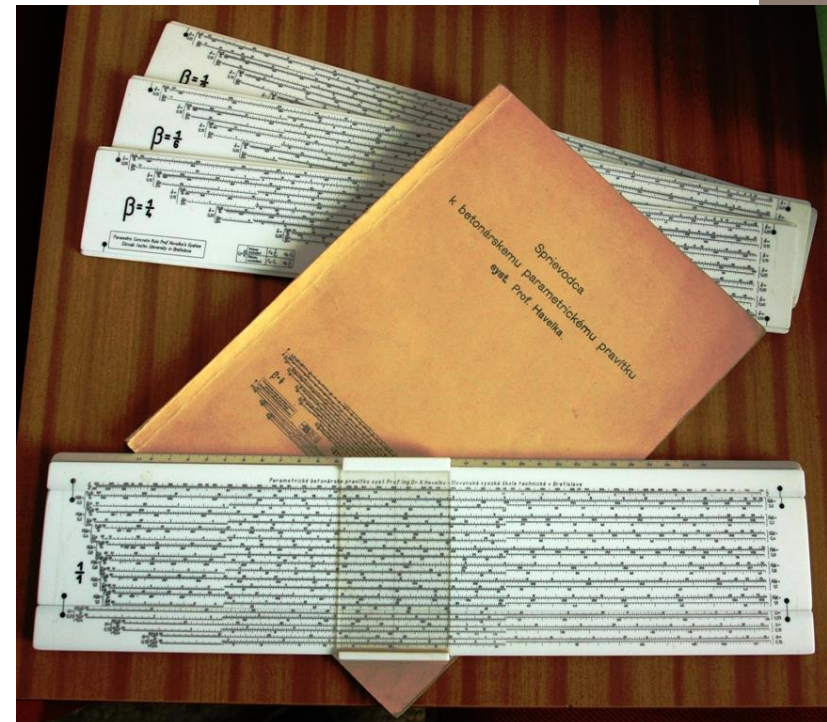
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Department of concrete structures and bridges

Already in the beginnings of lectures from reinforced concrete at Slovak University of Technology, terms as a substitution cross section and **parametric concrete ruler** in the relationship to the question of eccentric pressure were mentioned.



Prof. Ing. Dr. Karol Havelka



developed during II. World War

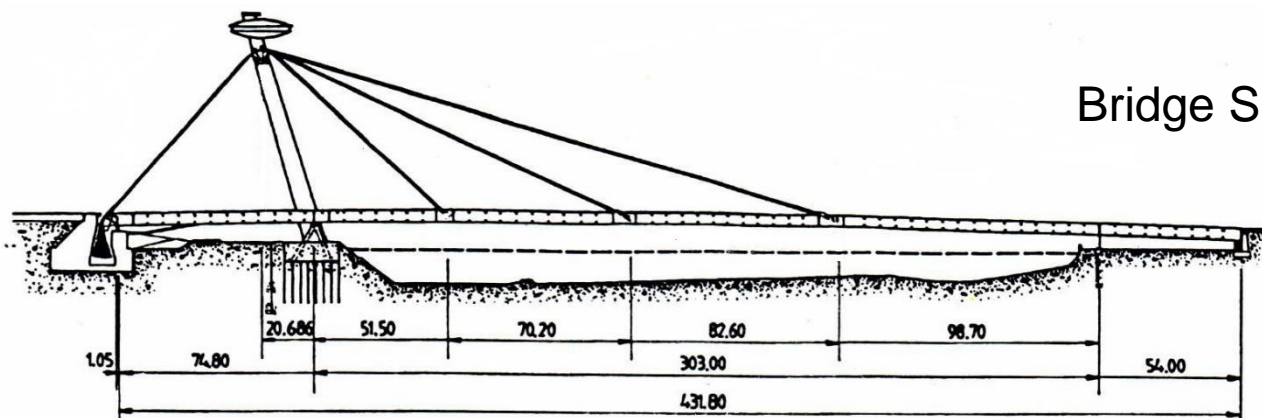


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Most important structures where the department was involved in design



Bridge SNP in Bratislava
1967-1972





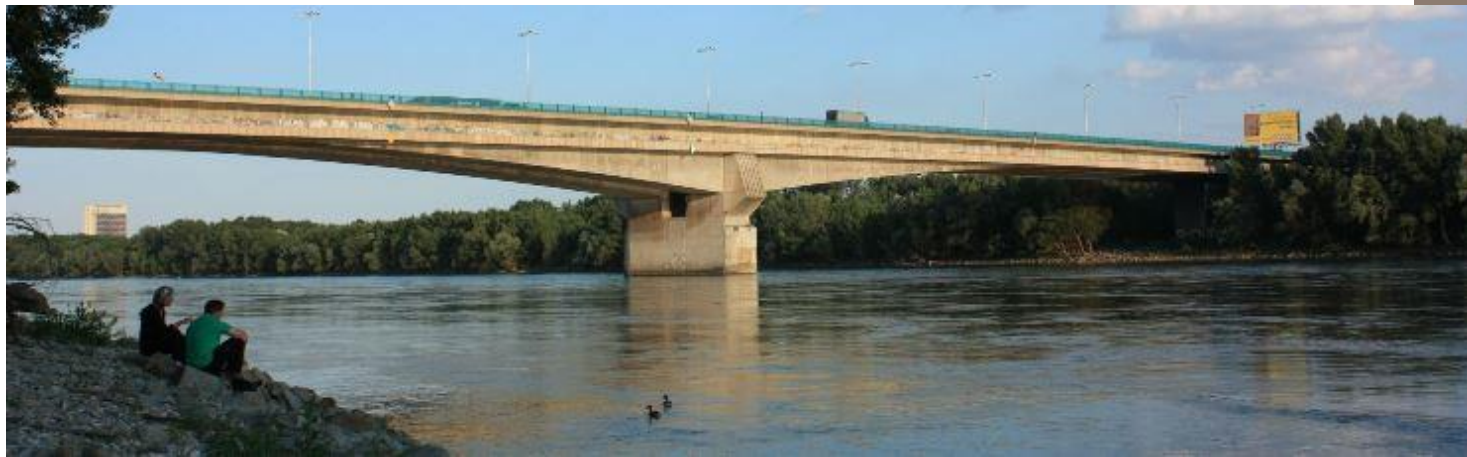
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Most important structures where the department was involved in design

Lafranconi bridge – span 174 m, cantilever during construction: 120 m, finished in 1991





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STAFF in 2014



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Experimental investigation has a long tradition





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In-situ research



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Conferences



The Department of Concrete Structures and Bridges organizes two national conferences with the international participation every two years. The first one is called **Concrete Days**, which is held in even-numbered years since 1994.

The second major conference is called the **Concrete Repair, Rehabilitation and Retrofitting**, which is held in odd-numbered years from 1997 at Smolenice castle.

In addition to these conferences, which are held regularly, the department has organized during its existence a number of seminars and scientific events. One of the biggest events with rich foreign participation was for example the conference of **Design of Concrete Structures Using Eurocodes**, which was held in 2011 in Bratislava. The conference was conducted in English language.





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Egg-protection device competition and exhibition





CURRENT RESEARCH ACTIVITIES

Department of concrete structures and bridges:

Shear and punching: prof. Halvoník jaroslav.halvonik@stuba.sk

Durability of concrete structures and bridges: a/prof. Paulík peter.paulik@stuba.sk

FRP reinforcement and strengthening: a/prof. Gajdosova katarina.gajdosova@stuba.sk

Department of timber and steel structures:

Timber structures a/prof. Sandanus jaroslav.sandanus@stuba.sk

Department of structural mechanics

(nonlinear analyses ... etc.) prof. Jendželovsky norbert.jendzelovsky@stuba.sk

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CURRENT RESEARCH ACTIVITIES

Our Department of Concrete Structures and Bridges is ready to cooperate almost on any research project from the field of concrete structures, their performance, safety and durability.

Our lab is capable to test full scale models (columns up to a height of 4 meters, girders up to a length of 11 meters).

Please feel free to contact us. peter.paulik@stuba.sk

STU – UTS cooperation would be very nice.