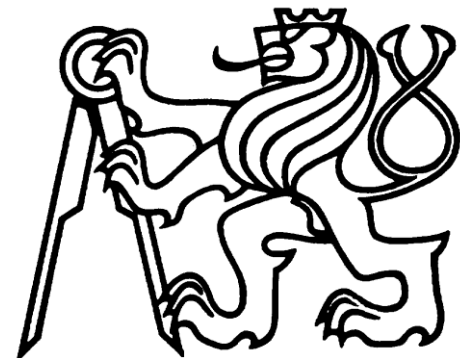
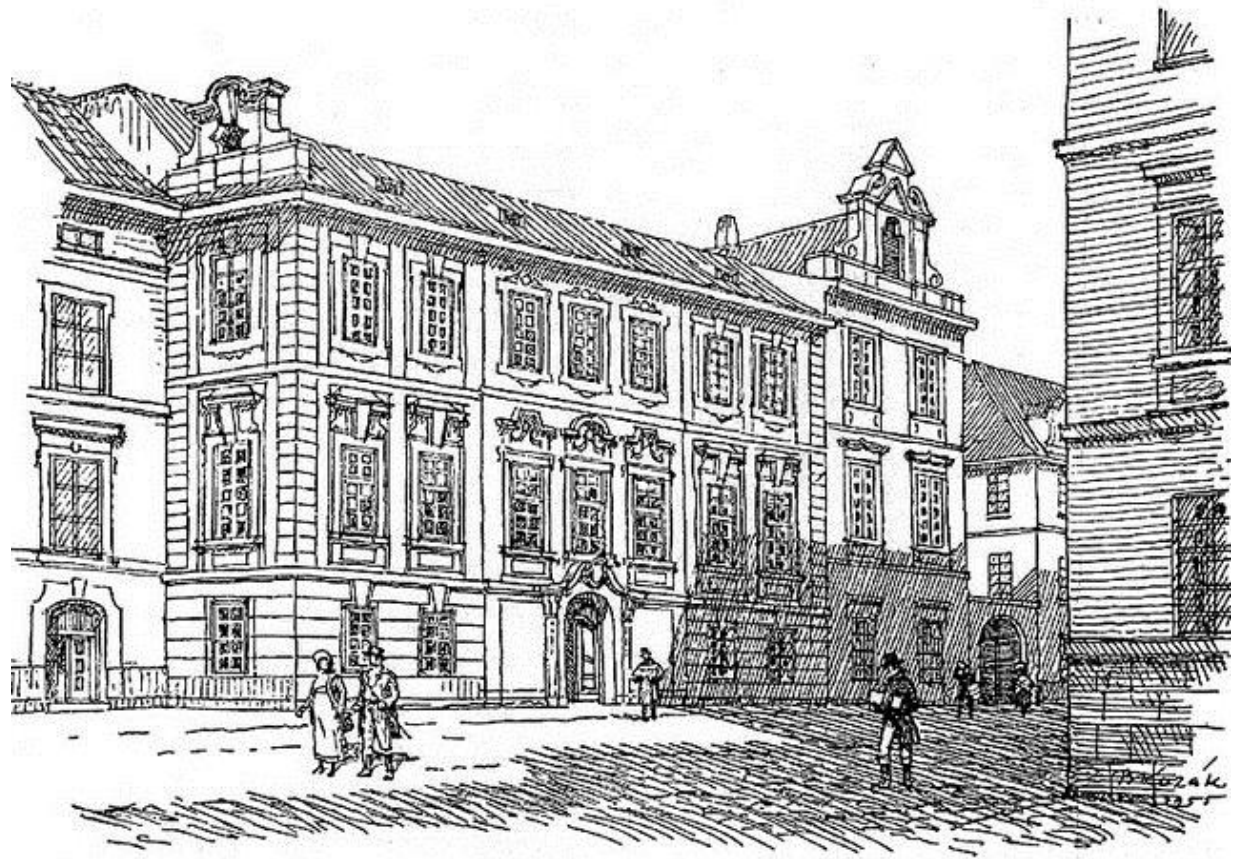


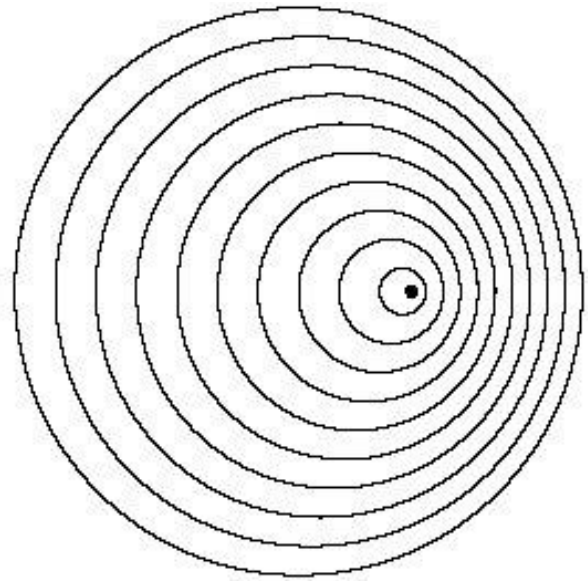
České Vysoké Učení Technické v Praze

Műszaki Egyetem, Prága



- történeti áttekintés
- szervezeti felépítés
- építészmérnök képzés
- tanterv
- stratégia
- építészet





TÖRTÉNETI HÁTTÉR

- **Alapító: Christian Joseph Willenberg**
- 1705: petíció
- 1707: rendelet
- Jan Ferdinand Schor
- František Antonín Herget
- 1806: Prague Polytechnic (František Josef Gerstner – l' Ecole Polytechnique de Paris)
- Christian Doppler (matematika, mérnök geometria) 1837-1847
- 1863: új rendszer (4 specializáció: gépészmérnöki, vegyészmérnöki, építőmérnöki és építészmérnöki)
- Josef Zitek
- **1920: Prágai Műszaki Egyetem (7 intézmény)**
- 1921: František Klokner – Kutatási, kísérleti Intézet
- 1960: 4 kar
- **1976: Építészmérnöki Kar**
- 1993: Közlekedésmérnöki Kar
- 2005: Egészségügyi és Biomérnöki Kar

SZERVEZETI FELÉPÍTÉS

- **České Vysoké Učení Technické v Praze**
- Cím: Thákurova 9, 166 34 Prága, Csehország
- 22.500-23.000 hallgató
- minden 12. külföldi hallgató (~1875 fő)
- 8 Kar:
 - Építőmérnöki Kar
 - Gépészmérnöki Kar
 - Villamosmérnöki Kar
 - Nukleáris Tudományok és Fizika
 - Építészmérnöki Kar
 - Közlekedésmérnöki Kar
 - Egészségügyi és Biomérnök Kar
- Közép-Kelet-Európai régió Műegyetemeinek szoros együttműködése
- képzések: BSC, MSC, Doktoriképzés, kreditrendszer
- **Intézetek:**
 - Klockner Intézet
 - Masaryk Továbbképző Intézet
 - Kísérleti és Alkalmazott Fizikai Intézet
 - Ipari Örökség Kutatóintézete
 - Radiokémia és Sugárbiológiai Központ

ÉPÍTÉSZMÉRNÖK KÉPZÉS

- **Összlétszám:** kb. 1600 fő alap- és mesterképzésben, kb 170 fő doktori képzésben
- **Oktatói gárda:** 13 egyetemi tanár
32 docens
88 szakasszisztens
66 tanársegéd
- **Workshop / konferenciaszervezés:** 2013/14-es tanévben 27 esemény
- **Publikációk:** 2013/14-es tanévben 10 db
- **ALFA:** havonta megjelenő szakirodalmi folyóirat
- **Vertikális oktatási rendszer**
- első év: alapozás
- másodév – diploma: atelier rendszer
- 38 db 24 fős műterem
- műtermenként – vezető oktató – témák

*„Our aim is to provide students with professional knowledge on all aspects of the contemporary world with respect to issues in modern architecture. The main target of the studies at the Faculty of Architecture is to support a **balance among the humanities, scientific and artistic disciplines.**”*

ÉPÍTÉSZMÉRNÖK KÉPZÉS

- **Tanszékek / oktatók száma / doktoranduszok száma:**

Képzőművészeti Tanszék / 8 / -

Építészettörténet és Építészet Elméleti Tanszék / 12 / 25

Műemlékvédelem és Műemlék Megőrzés Tanszék / 11 / 9

Belsőépítészeti és Kiállítástervezési Tanszék / 6 / 5

Építészeti Modellezés Tanszék / 18 / 8

Épülettervezési Tanszék / 21 / 18

Várostervezési Tanszék / 21 / 19

Tájépítészeti Tanszék / 4 / -

Területfejlesztési Tanszék / 9 / 6

Statika Tanszék / 18 / 3

Épületszerkeztani Tanszék I. / 17 / -

Épületszerkeztani Tanszék II. / 20 / 4

Idegennyelvi Tanszék / 8 / - „*success start with good communication*”

Építészeti Tervezés I. / 18 / 7

Építészeti Tervezés II. / 10 / 10

Építészeti Tervezés III. / 15 / 14

Ipari Épületek Tervezése Tanszék / 12 / -

ÉPÍTÉSZMÉRNÖK KÉPZÉS

- **BSC Képzés**

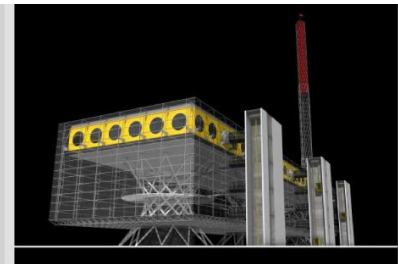
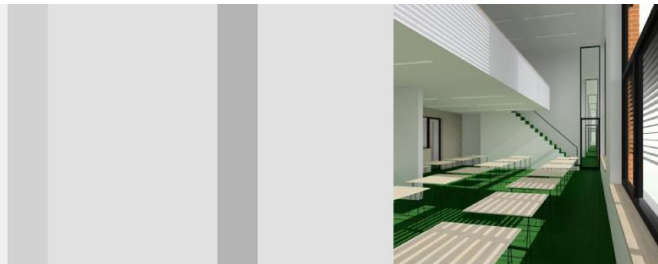
- oktatás cseh nyelven
- időtartam: 3 év
- 180 kredit
- kb. 260 hallgató / évfolyam
- specializáció: nincs
- tanterv: Építészet és Várostervezés (781 fő), Design: Ipari és Formatervezés (128 fő)

- **MSC Képzés**

- oktatás cseh és angol nyelven
- Időtartam: 2 év
- 120 kredit
- kb. 160 hallgató / évfolyam
- specializáció: modulok
- szakmai szervezeti akkreditáció / egyéb intézmény: Cseh Építész Kamara
- Erasmus képzés lehetőség
- tanterv: Építészet és Várostervezés (445 fő), Design: Ipari és Formatervezés (15 fő), Erasmus (90 fő)

ÉPÍTÉSZMÉRNÖK KÉPZÉS

- **Doktori Képzés**
- oktatás cseh és angol nyelven
- időtartam: 4 év
- kb. 7 hallgató / évfolyam
- tanterv: Építészet és Várostervezés: Elmélet és Tervezés, Városépítészet, Építészettörténet és Műemlékek, Épülettechnológia



BSC KÉPZÉS: TANREND

Honlapon található információk

Faculty/Institute	Code	Course unit title	Credits
FA	524PAM1	Building Technology and Management 1	4
FA	513DU2B	History of Art II	2
FA	522M1	Mathematics 1	4
FA	522M2	Mathematics 2	2
FA	513DA4A	History of Architecture IV	2
FA	523GLK	Geology	1
FA	523MATK	Building Materials	2
FA	523PS1K	Building Construction I	3
FA	519U1B	Technique of City Design	3
FA	524TZIB	Engineering Equipment of Buildings IBc	4
FA	523GLB	Geology	1
FA	518NS3B	Public Buildings I	2
FA	523PS3B	Building Construction III	4
FA	513DU1B	History of Art I	2
FA	523PS4B	Building Construction IV	3
FA	523PS5B	Building Construction V	2
FA	515I1	Interior and Exhibition Design	3
FA	518NS1	Introduction of Buildings Design	3
FA	516CAD1	Computer Aided Design I	2
FA	516CAD2	Computer Aided Design II	2
FA	523GD	Geodesy	2
FA	513DA3	History of Architecture III	2
FA	513DA1	History of Architecture I	3
FA	523MAT	Building Materials	2
FA	521DG1	Descriptive Geometry I	4
FA	511VT1B	Visual Arts I	2
FA	511VT3	Visual Arts III	2
FA	511VT4	Visual Arts IV	2
FA	521DG2	Descriptive Geometry II	3
FA	523PS1	Building Construction I	3
FA	523PS2	Building Construction II	4
FA	511VT5	Visual Arts V	2
FA	522ST1	Statics I	3
FA	522ST2	Statics II	3
FA	513DA2	History of Architecture II	3
FA	524SF2	Building Physics II	2
FA	522NK1B	Basis of Structural Design	3
FA	522NK2B	Loadbearing Structures IIbc	3
FA	522NK3B	Loadbearing Structures IIIbc	3
FA	524SF1B	Building Physics I	2
FA	518ATBS	Studio-Residential Buildings	8
FA	527ATBS	Studio-Residential Buildings	8
FA	529ATBS	Studio-Residential Buildings	8
FA	518ATOS	Studio-Public Buildings	8
FA	527ATOS	Studio-Public Buildings	8
FA	529ATOS	Studio-Public Buildings	8
FA	518ATBP	Studio-Conceptual Design and Construction Design BP	19
FA	527ATBP	Studio-Implementation Bachelor Project	19
FA	529ATBP	Studio-Implementation Bachelor Project	19

UNIQUE FACTS

...in organising The Best Urban Design Project competition every year.

This competition is open to students of faculties of architecture at European universities.

...in having the Olověný Dušan (the Lead Dušan) student competition, which is organised by the Association of Students of Architecture, independently from the faculty management.

...in publishing ALFA, the faculty monthly magazine, and the annual ARCHITECTURE FACULTY YEARBOOK, which covers work done in all of the faculty's institutes and studios.

...in regularly holding workshops on current topics, e.g. City Development I–IV (2008, 2009, 2011, 2012), City Park (2007), Antidesign (2008), Design (2009), Digital Architect (2007, 2008, 2009, 2010), Machines Design Machines (2009).

...in our publishing activities related to visiting teachers from abroad, e.g. Rein Geurtsen: History of

WE ARE UNIQUE IN THE CZECH REPUBLIC

European Urban Planning, Michael Riedijk: Drawing Techniques, Prague lectures Juliette Bekkering & Michiel Riedijk – FA CTU 2011, Architektura, versus Design 2012.

...in having a wide range of agreements with outstanding faculties of architecture, leading to extensive student exchanges with European and world universities.

...in organising cycles of lectures on hot topics by professors from abroad, for example, in 2010, the

cycle on ECOLOGY versus ARCHITECTURE, in 2011 Collective Housing in Europe, in 2012 ARCHITECTURE versus DESIGN.

...in teaching in a system of vertical studio teaching (38 studios) led by experienced teachers who have also worked as architects.

...in selecting one student each year for an internship in the studio of Renzo Piano in Paris or Genoa.



WE ARE UNIQUE IN THE WORLD



...in having the Research Centre for Industrial Heritage, which is the only institution in the Czech Republic systematically mapping technical and industrial heritage, including their further use. The results of the research are being collected in the Industrial Topography of the Czech Republic – a project carried out within the program of applied research under the Ministry of Culture. An interactive database of industrial heritage is being created at the Faculty of Archi-

tecture, which is gradually made accessible for professionals, governmental institutions and local authorities, as well as the public, as an on-line specialized map and series of publications and studies. Scientific research on the history and theory of architecture, heritage preservation and urbanism connects with the teaching activities creating case studies of rescuing and new use of a number of endangered and derelict industrial buildings.

KIADVÁNY



...having introduced a new study programme – **Industrial Design**, with **128 students**.

...the **high-quality of our study programmes at all levels**, which attracts three times more applicants than we have the capacity to accept for the studies.

...the **New CTU Building**, where we moved our faculty on **1st February 2011**, and which is currently the top-modern building for teaching architecture in the Czech Republic.

...the integration of the **Research Centre of Industrial Heritage into the Faculty's structure**, thereby enriching its scientific potential.

...the **exhibition of student master's projects** Directly after the graduation examination of our students we organise an exhibition of all approved master's projects of that year.

...**three times more applicants** than we have the capacity to accept.

PEOPLE

FACULTY COMMUNITY

Bachelor study programme:
in Architecture and Urbanism, study branch Architecture: **909 students**,
in Design, study branch Industrial Design: **128 students**

Master programme:
Architecture and Urbanism, study branch Architecture: **550 students**,
Design, study branch Industrial Design: **15 students**,
including **90 foreign students**, total **1,599 students**

PhD programmes:
by full-time study: **94 students**, by distance and part-time study: **76 students**
total **170 students**

Teachers: **13 professors**, **32 associate professors** and **88 specialist assistants**
Our staff of 199 ensures that the faculty carries out its work smoothly



KÉPZÉS INFORMÁCIÓK

CONTACT INFO

Visiting address:	Czech Technical University in Prague Faculty of Architecture Th?kurova 9 166 34 Prague 6	Contact: Tel: +420 22435 6224 Fax: Email: novotna@fa.cvut.cz Website: GPS coords: 50.104822,14.389043
Dean of School	prof. Ing. arch. ir. Zavrel Zdenek	

GENERAL INFO

Application Deadline:	30 November for Czech language 30 April for English language
Tuition and Fees:	No fees for a study in Czech language 4000,- EUR per year for a study in English language
Accommodation:	Accommodation can be provided in student housing
Setting:	The Faculty of Architecture is situated on the Czech Technical University campus near the Prague Castle
Student Population:	1500 students (900 Bachelor, 530 Master, 70 PhD) 5 % foreign
Faculty:	130 Staff members (80 full-time and approx. 50 visiting lectures and critics)
Student service/activities:	International Student's Club. Workshops, lectures and competitions are organized year-round
Facilities:	
List of Facilities:	Architectural Model Lab, Audio Visual Lab, Blackboard learn platform, CAD - Lab, Cafeteria, Cartographic and Arch. Info. Lab, Computer Room, Computing service, Conference auditorium, Copycenter, Dining Room, Dining-hall, Exhibition hall, , Exhibition Room, Exhibition Centre, Extensivemodelling workshop, Foam Cutter, Language Laboratory, laser cutter, Laser Cutter, Laser Scanning Lab, Lecture Room, Library, Light - Lab, Media Lab, Modelling room, Painting studio, Plot centre, Printing facilities, Publishing department "Yearbook", Sculpture studio, sculpture studio, painting studio, Sports facilities, Virtual Reality Lab
Admission Requirements:	Entrance exams are required
Language:	The language of instruction during the Bachelor programme is Czech language. The Master and Doctoral degree programme are offered both in English and in Czech.?

DEGREE PROGRAMMES

Bachelor of Science 3-year programme	Bachelor programme (0 ECTS) Title: Bc (eq. Bachelor of Science in Architecture degree)
Master of Science 2-year programme	Master programme (0 ECTS) Title: Ing. arch. (eq. Master of Science in Architecture degree)
Master of Advanced Studies 3-year programme	Doctoral programme (0 ECTS) Title: PhD

Profile of the faculty

The Faculty of Architecture is part of the Czech Technical University in Prague, which was transformed from one of the oldest engineering schools in Central Europe, founded in 1707. At present, the CTU has seven faculties: civil engineering, mechanical engineering, electrical engineering, faculty of nuclear science and physical engineering, faculty of transportation science, faculty of architecture and bio-medical faculty. Graduates and staff members of the Czech Technical University have created numerous remarkable engineering and architectural works, developed noteworthy technologies, mechanical and electrical devices, and achieved notable scientific accomplishments and inventions. Outstanding personalities associated with the CTU have been so numerous that it would not be fair to name a few here and forget the others. Many have gained noteworthy prizes and awards.

Structure of the curriculum

The curriculum focuses on architectural design and deep technical background in the field of building and the built environment. Our goals focus on the education of the individual preparing for the profession of architect. Education meets the requirements of the Czech Chamber of Architects and its registration order.

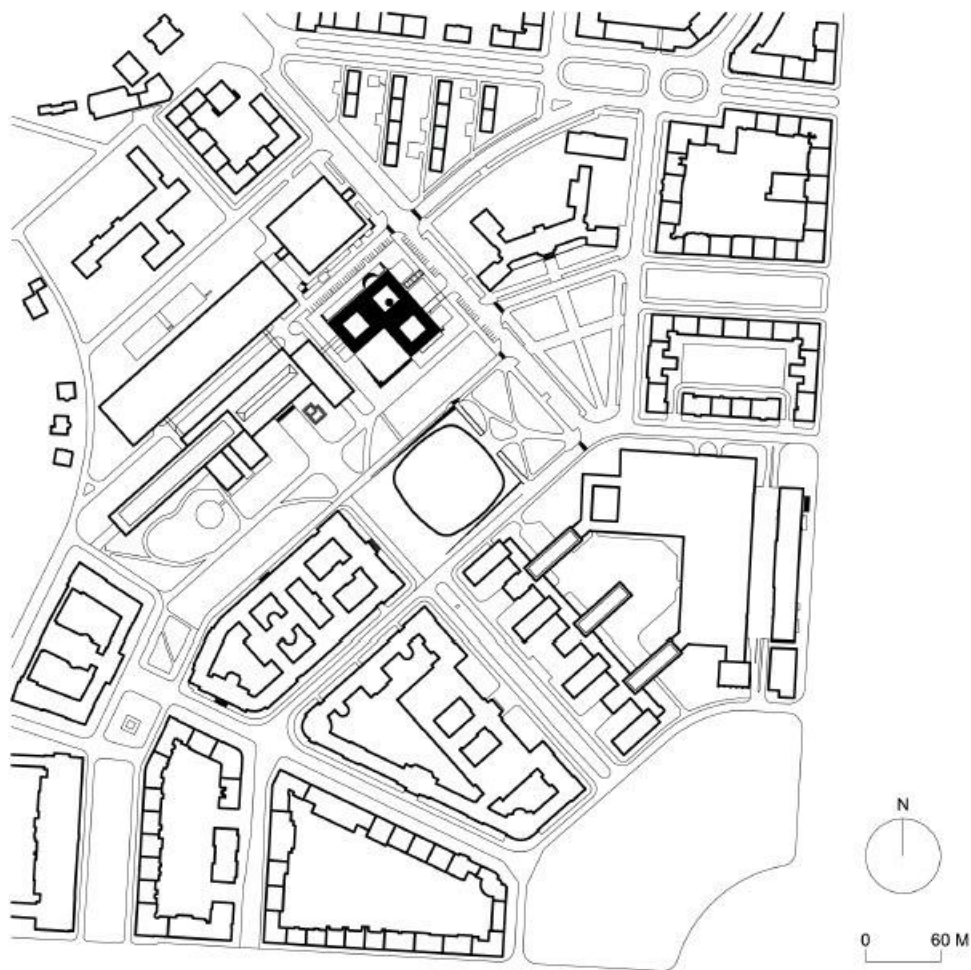
In conformity with the new structured study system the Faculty of Architecture offers the recognized Architecture and Urban Planning programmes. The study branch of Architecture includes the following study programmes: Bachelor degree programme (3 years), Master degree programme (2 years), Master degree programme taught in English (2 years), and Doctoral degree programmes (3 years) and Doctoral degree programme taught in English

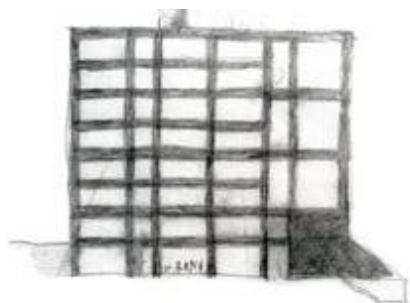
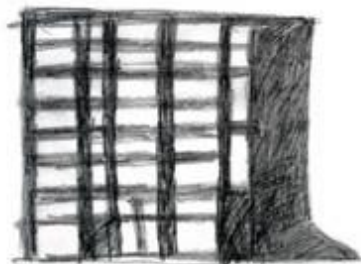
Research Programme

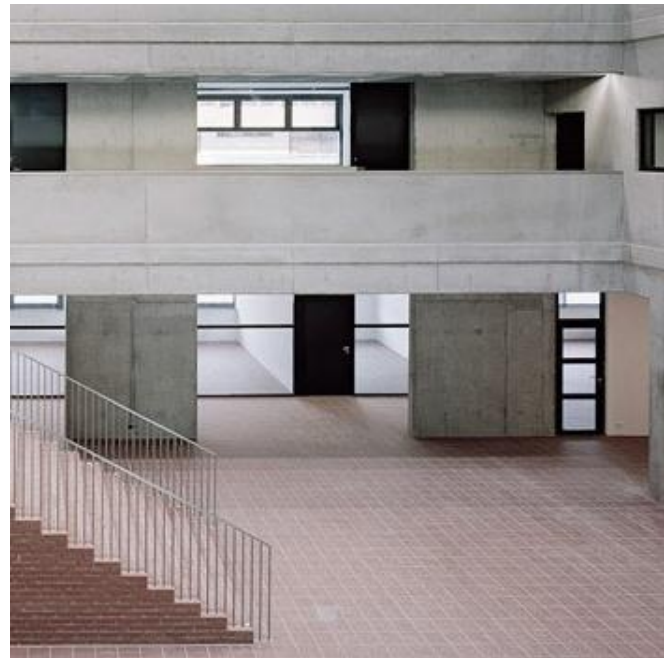
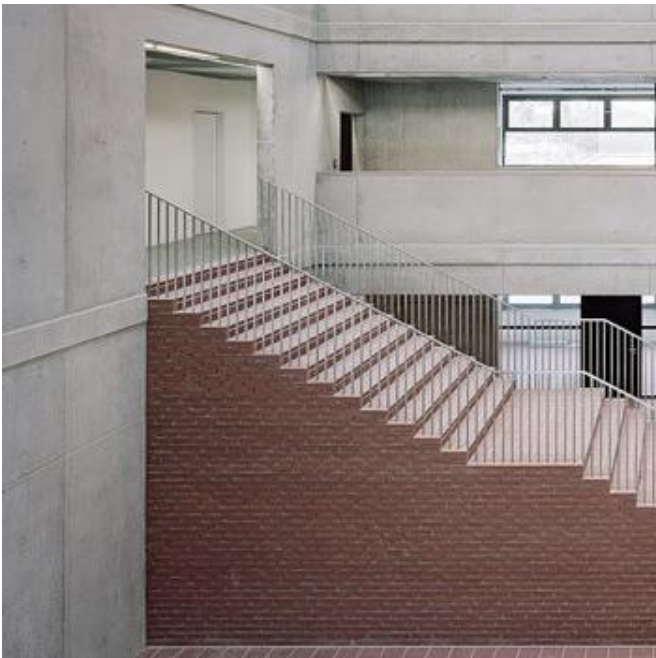
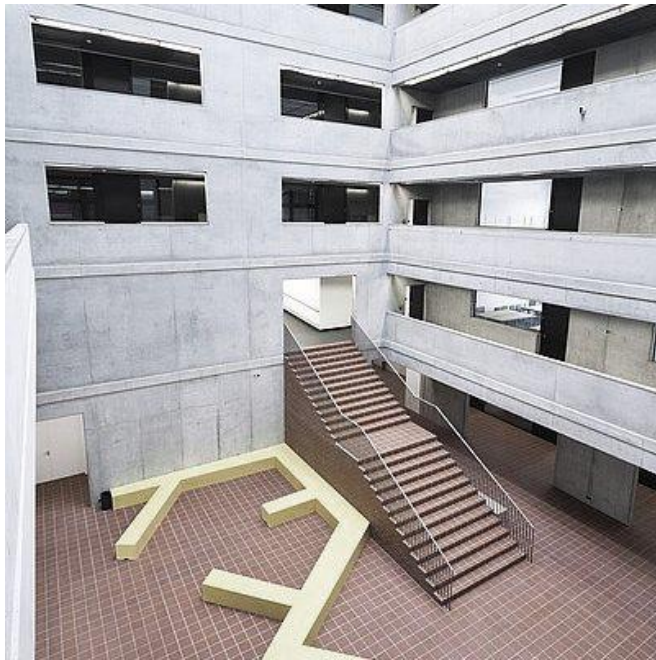
Recent and present research projects at the Faculty of Architecture have dealt mainly with monument preservation, spatial planning and architecture of construction elements and architectural theory. The Faculty has close links to the research activities of the Research Center for Industrial Heritage <http://vcpd.cvut.cz>. Internationally, the Faculty of Architecture was involved in the EU projects of SUREURO (Sustainable Revitalisation of Housing in Europe), INTERREG IIIB

ÉPÜLETEK

- **Prága Építészmérnöki Kar épülete**
- dejvicei campus új tudományos- oktatási célú bővítése (Hallgatók Háza és Nemzeti Műszaki Könyvtár épülete mellett)
- építész : Alena Šrámková – **Šrámková Architekti**
- Thakurova 9, 166 34 Prága
- 2011.
- 64 × 64 × 30
- 3 átrium
- Monolitikus tömeg
- emeletenként 10 stúdió, tanárik, 4 tanterem
- felső szintek: galériás stúdiók



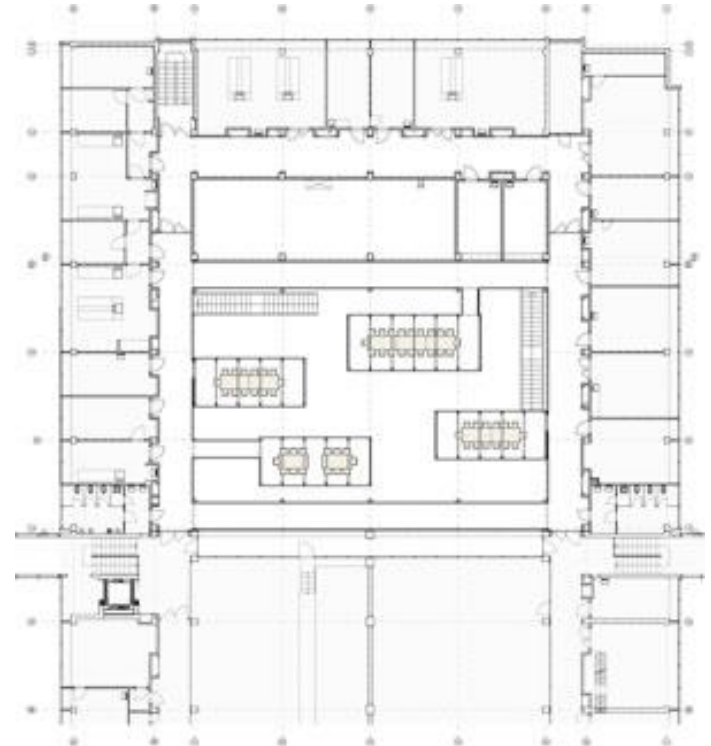






ÉPÜLETEK

- „Ötletgyár” Prága Építőmérnöki Kar épülete - belsőépítészet
- csarnok korábban kiszolgáló udvar – most lefedve az építész-építőmérnök oktatás központi terme
- építész : VYSEHRAD atelier – Zdeněk Rychtařík, Jiří Smolík
- 2008.
- dobozok: lebegő konzultációs helyiségek
- látszó gépészet: technika
- 2009. Cseh Építészet Nagydíj





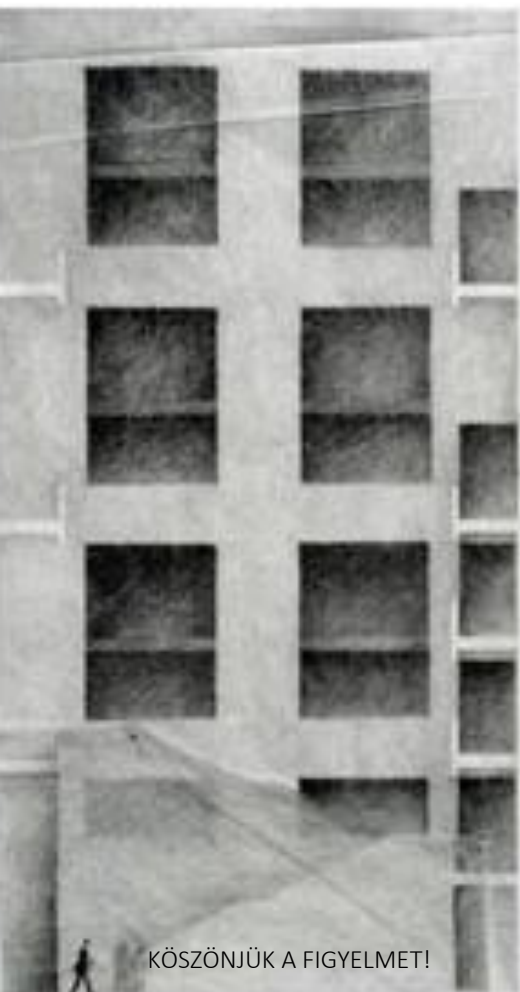
FORRÁSOK

- **WEB**

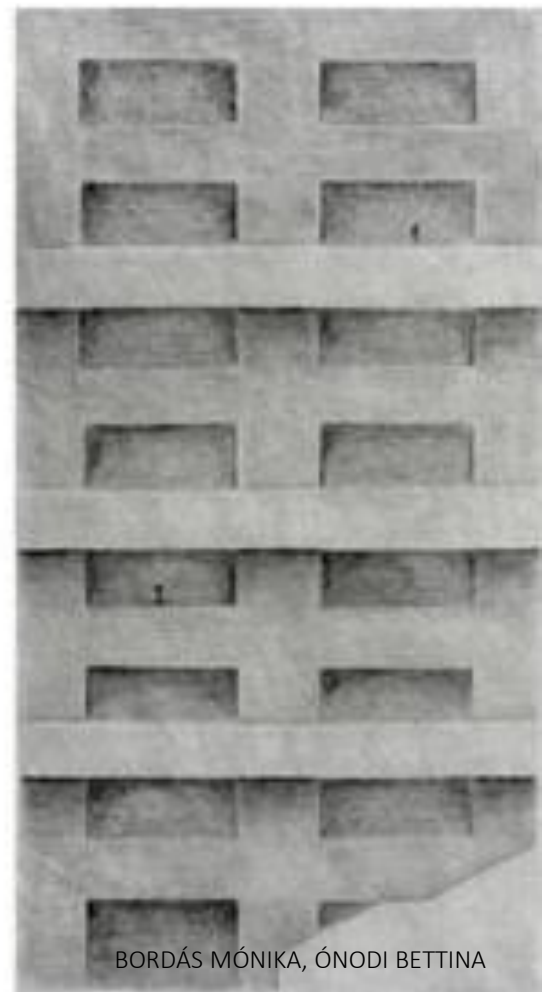
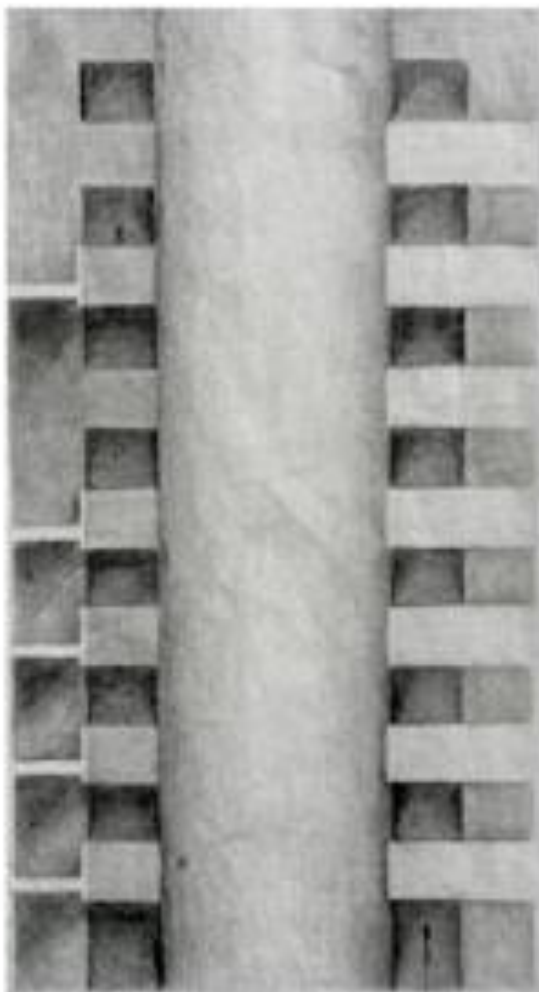
- <http://intranet.cvut.cz/en>
- www.fa.cvut.cz/En
- http://www.aesop-planning.eu/members/institutions/en_GB/czech-technical-university-in-prague/faculty-of-architecture
- http://arch.fsv.cvut.cz/index_hires.html
- http://www.sustaint.eu/public_files/CTUPresentation.pdf

- **ÉPÍTÉSZET**

- <http://www.prae.hu/index.php?route=article%2Farticle&aid=4617>
- <http://www.prae.hu/index.php?route=article/article&aid=4603>
- <https://praga2014.wordpress.com/2014/07/02/epiteszmernoki-kar-praga/>
- <https://praga2014.wordpress.com/2014/07/09/az-epitomernoki-kar-csarnokanak-belsoepiteszete-praga/>



KÖSZÖNJÜK A FIGYELMET!



BORDÁS MÓNICA, ÓNODI BETTINA