



**INTERNATIONAL
STUDENT CONTEST**

**URBAN DESIGN
AND SPATIAL
PLANNING
AWARD**

YEARBOOK OF THE 21ST VOL.

STUDENT CONTEST

URBAN DESIGN AND SPATIAL PLANNING AWARD

Faculty of Architecture CTU since 1994 organize annual contest of university students entitled Best urbanistic project. Contest, which began thanks to Czech Association for urbanism and urban planning, is organized by Spatial planning department and encourages all students of schools which have programs of urbanism and urban planning. In the jury are together with lecturers, people from urbanistic practice, who are able to judge “externally” quality of works in particular design studios. Organiser invites popular figures of architecture and urban planning scene (such as arch. Jakub Cígler, arch. Jan Sedlák, arch. Martin Tunka, Ing. arch. Libor Čížek etc.) Also people from the ministries and departments of development of bigger cities.

Contest prizes and awards are sponsored by schools which are taking part in contest and also by private urban studios.

Organisation team:

Ing. arch. Vít Řezáč
Mgr. Petra Zhřivalová, Ph.D.
Ing. arch. Zuzana Krmelová

Title illustration:

Anna Janečková, Lenka Havlíčková, Markéta Holá
– Transferium Smíchov - „Between heaven and earth“



XXI. CONTEST

Last year students had an opportunity to take part in annual twentieth contest of best urban project. In selection could have been sent urban or urban planning projects, which were completed in design studios. Contest is organized by Spacial planning department on Faculty of Architecture CTU under the aegis of Czech Association for urbanism and urban planning, financial support provided Faculty of Architecture, Faculty of Civil Engineering at CTU, Faculty of Architecture at Slovak University of Technology in Bratislava, Faculty of Architecture at Wroclaw University of Technology, Faculty of Architecture at Brno university of Technology, architecture office of Studio 6, atelier Casua, Atelier for urbanism and urban planning U-24, Sekyra group company, Urbanistické středisko Brno, International Visegrad Fund, Združenie pre urbanizmus a územné plánovanie na Slovensku and Czech Chamber of Architects.

Composition of the jury provides professional assessment of student works both from requirements of theory point of view and with consideration to practical possibility of realization.

Jury composition:

Předseda poroty **Ing. arch. Libor Čížek** - Atelier a6

Ing. arch. Hana Paclová, Ph.D. - Magistrát města Ostravy

doc. Ing. arch. Ivan Kaplan - FSV ČVUT

Ing. arch. Milan Macoun - ČZU Praha

doc. Ing. arch. Alžbeta Sopiřová, CSc. - FA STU Bratislava

dr. Inż. Wawrzyniec Zipser - Wydział Architektury Politechnika Wroclawska

Secretary of the contest was **Ing. arch. Vít Řezáč**, vice-president of Czech Association for urbanism and urban planning.

XXI. VOL CONTEST

THE PROCESS

Jury on its session on 5th february looked into **29 works** which entered the the contest. 16 projects came from **CTU Prague**, from that 9 came from **Faculty of Architecture** and 7 from **Faculty of Civil Engineering**, 6 projects came from **FA STU in Bratislava**, 4 came from **Wydział Architektury Politechnika Wroclawskaja** and one from **FA VUT at Brno**, **FUA TUL Liberec** and **FAST TU of Ostrava**.

Jury have chosen **11 projects** advancing to the shortlist. After thorough discussion jury picked **7 awarded projects**.

Jury rated idea of the project, complexity and reality of invention, but of course qualities of acquired project and attached portfolio. Awarded were also projects which presented complex analysis of particular problems rather than solution itself. Order of awarded projects jury based on comparison of significance of project and its qualities.

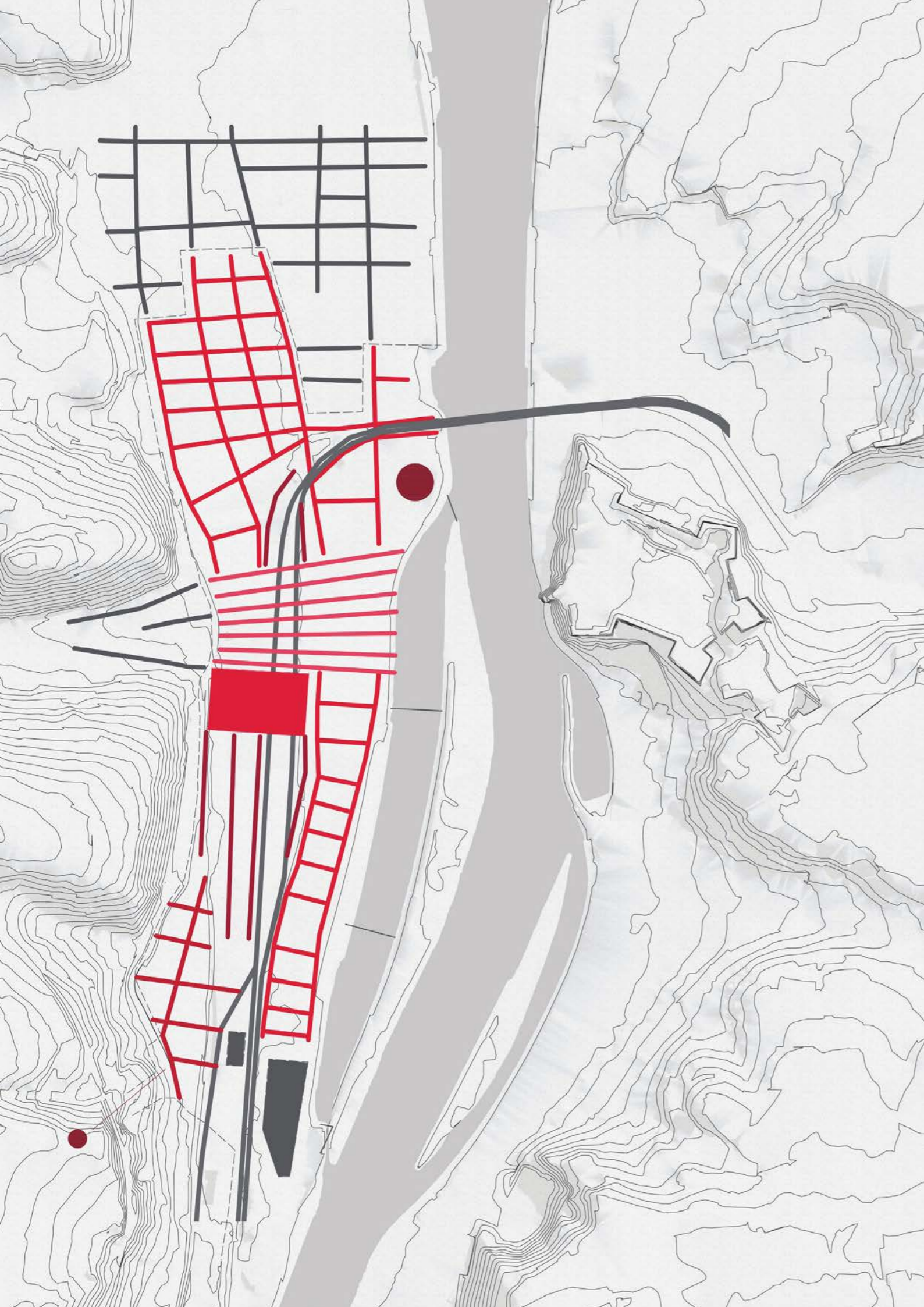


Selection meeting ↑
Photo: Ing. arch. Zuzana Krmelová

Accepted projects →

AWARDED PROJECTS

pořadové č.	název práce	autoři	škola, ateliér
1	Urbanistická studie, Praha 4 - Libuš	Bc. Jan Pospíchal	FSV ČVUT, K-127, Doc. Ing.arch. Ivan Kaplan
2	Urbanistická koncepce území Hagibor	Bc. Jiří Moos	FSV ČVUT, K-127, Doc. Ing.arch. Ivan Kaplan
3	Nábřeží Holešovice	Martin Stark	FSV ČVUT, K-127, Doc. Ing.arch. Ivan Kaplan, Ing.arch. Petr Kučera, Ing. arch. Helena Mlková
4	Praha, Palmovka - Jih	Bc. Renata Kloubková	FSV ČVUT, K-127, Doc. Ing.arch. Ivan Kaplan
5	Lineární Smíchov?	Štěpán Matějka	FA ČVUT, ústav urbanismu, Ateliér Kolařík
6	Praha - Zličín	Bc. Veronika Mrštíková	FSV ČVUT, Urbanismus a plánování, ing. arch. Petr Durdík
7	Transferium Smíchov - "mezi nebem a zemí"	Anna Janekčová, Lenka Havlíčková, Markéta Holá	FA ČVUT, ústav urbanismu, Ateliér Klokočka
8	Isover - komplex pasivních bytových domů v Astaně, Kazachstán	Josef Hoffmann, Martin Stark	FSV ČVUT, K129, Ing. arch. L. Kalivoda, Ing. arch. J. Smola
9	Urbanistická studie Nové Dvory	Bc. Anna Slavičková	FSV ČVUT, K127, Ing. arch. K. Dvořáková, Ing. Arch.D. Stojan
10	Veřejné prostory Žatec	Šárka Budíková, Martin Šimek	FA ČVUT, Ateliér Gregor
11	Dekompresní hranice	Tereza Kupková	FA ČVUT, Ústav nauky o budovách, Redčenkov - Danda
12	Transferium Bubny - wHOLEnewŠOVICE	Anna Rečková, Barbora Skalová	FA ČVUT, Klokočka - Jehlík
13	No space - strategie pro postupné využití proluk	Eva Horáková	VUT Brno, ing. arch. Gabriel Kopáček
14	Manuál pro Nepomuk	Zdenka Říhová, Kristýna Svobodová	FA ČVUT Kohout Tichý
15	Podještědí	Adam Lacina, Jiří Lukáš	Technická Univerzita v Liberci, Fakulta umění a architektury, Katedra architektury
16	Chotkova silnice - město: příroda	Vojtěch Šedý, Filip Šefl, Zuzana Šikulová	FA ČVUT, ústav navrhování I. ,Ateliér Hradečný
17	Revitalizace dolního Smíchova a Císařské louky	Richard Pozdniczek, Jiří Ptáček, Jan Ret	FA ČVUT, Ústav nauky o budovách, Redčenkov
18	Revitalizace areálu bývalé textilní továrny v Krnově	Tomáš Krejčí, Jakub Mazur, Veronika Flašková, Edita Jakoubková, Kateřina Slaninová	VŠB- Technická univerzita Ostrava, FAST, Ateliérová Tvorba III, ing. arch. Tomáš Binder
19	Starý - Nový Nepomuk	Jakub Hoffmann, Josef Váně	FA ČVUT, ústav nauky o budovách, Kohout - Tichý
20	Revitalizácia námestia sv. Egidia v Poprade	Miloš Diežka	FA STU, ÚU a ÚP, prof. Ing. arch. Bohumil Kováč, PhD.
21	Nám. Slobody v Šaštíne - rekonštrukcia verejného priestoru	Ivana Nadová	FA STU, ÚU a ÚP, doc. Ing. arch. Alžběta Sapirova, CSc.
22	Bratislava MČ Nové město - športovo rekreačná zóna Pasianky	Zuzana Vlžáková, Matěj Šalát	FA STU, ÚU a ÚP, doc. Ing. arch. Alžběta Sapirova, CSc., doc. Ing. arch. Dagmar Kaliská, PhD.
23	Cyklo Fakulta - transformácia Radlinského uliceOto Nováček a kolektiv autorů	Viktor Kasala a kol. autorů	FA STU, ÚU a ÚP, Letná škola CykloFakulta, Ing. arch. K. Smatanová
24	Nám. Slobody - námestie pre ľudí /Šaštín-Stráže/	Oto Nováček	FA STU, ÚU a ÚP, Ing. arch. Olga Rychterová, PhD.
25	Verejné priestory: Ružinov	Erik Blaho, Ladislav Michalka, Daniela Schuchmannová	FA STU, ústav územného plánovania a urbanizmu, doc. Ing. arch. L. Vítková, Phd.
26	Restoration of the AVEA, between Pokoju and Gundwaldzki Bridges in Wrocław	Tymon Dmochowski	Wroclaw University of Technology, Spatial Development
27	Urban Concept of South Centre in Wrocław	Katarzyna Chrzan, Jacek Droń, Wojciech Jabłoński	Wroclaw University of Technology, Department of Urban Planning
28	Nowy Kleczków	Lukacz Kaczmarek, Anna Klimczak	Politechnika Wroclavskaja, Wydział Architektury
29	Osidle Wenecja Póinocy	Maria Czanecka, Monika Kowalczyk, Aleksandra Poprawa	Politechnika Wroclavskaja, Wydział Architektury



TRANSFERIUM SMÍCHOV - "BETWEEN HEAVEN AND EARTH"

Anna Janečková, Lenka Havlíčková,

Markéta Holá

FA ČVUT, Ústav urbanismu, Ateliér Klokočka



← Complete proposal

TRANSFERIUM SMÍCHOV - "BETWEEN HEAVEN AND EARTH"

Verdict of the Jury:

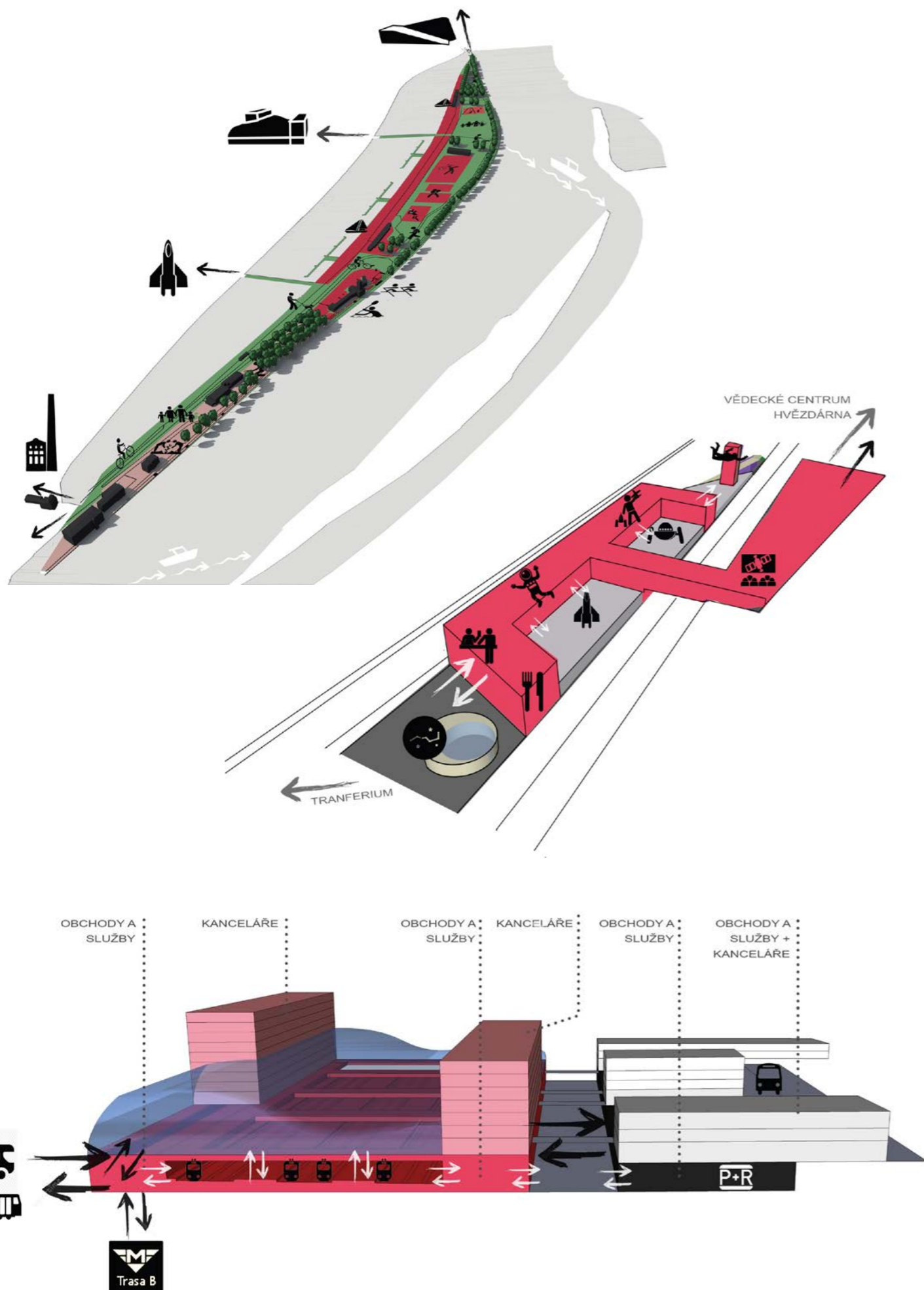
Project introduces a wide look at problematic of smíchov space and its possible development.

In the biggest ratio scale is concentrated on analysis and proposal for filling urban structure of whole quarter. It analyze exceptionality of terrain configuration, variability, transmissivity and accessibility of area. Introduces changing block structure alternating with row structure between radlická valley and Vltava river. Design of skeleton of active urban spaces vigorously conveys superior role of transferia Smíchov in key location from trasportation and accessibility point of view. Jury appreciated autor's detached view from problems of huge Smíchov area and its arrangement. Peculiar completion of quarter structure with consideration of transmissivity of area, accurate concentration of traffic activities and offer of inovative usage are valuable outputs of study.

Transferium is hope for execution of majority important programs and operation in position across from Smichovské nádraží. Generous conception with multilevel traffic and transfer to are the biggest contributions of project. It gives evidence of autor's awareness, that brand new activities doesn't have to influence city structure in the bad way, but on the other hand enrich it.

Other themes came from vision of whole Smíchov are. Designs for Horymírovo embankment and Šemík port, Císařská Louka, Keller science-recreation park and destination for new philharmonic.

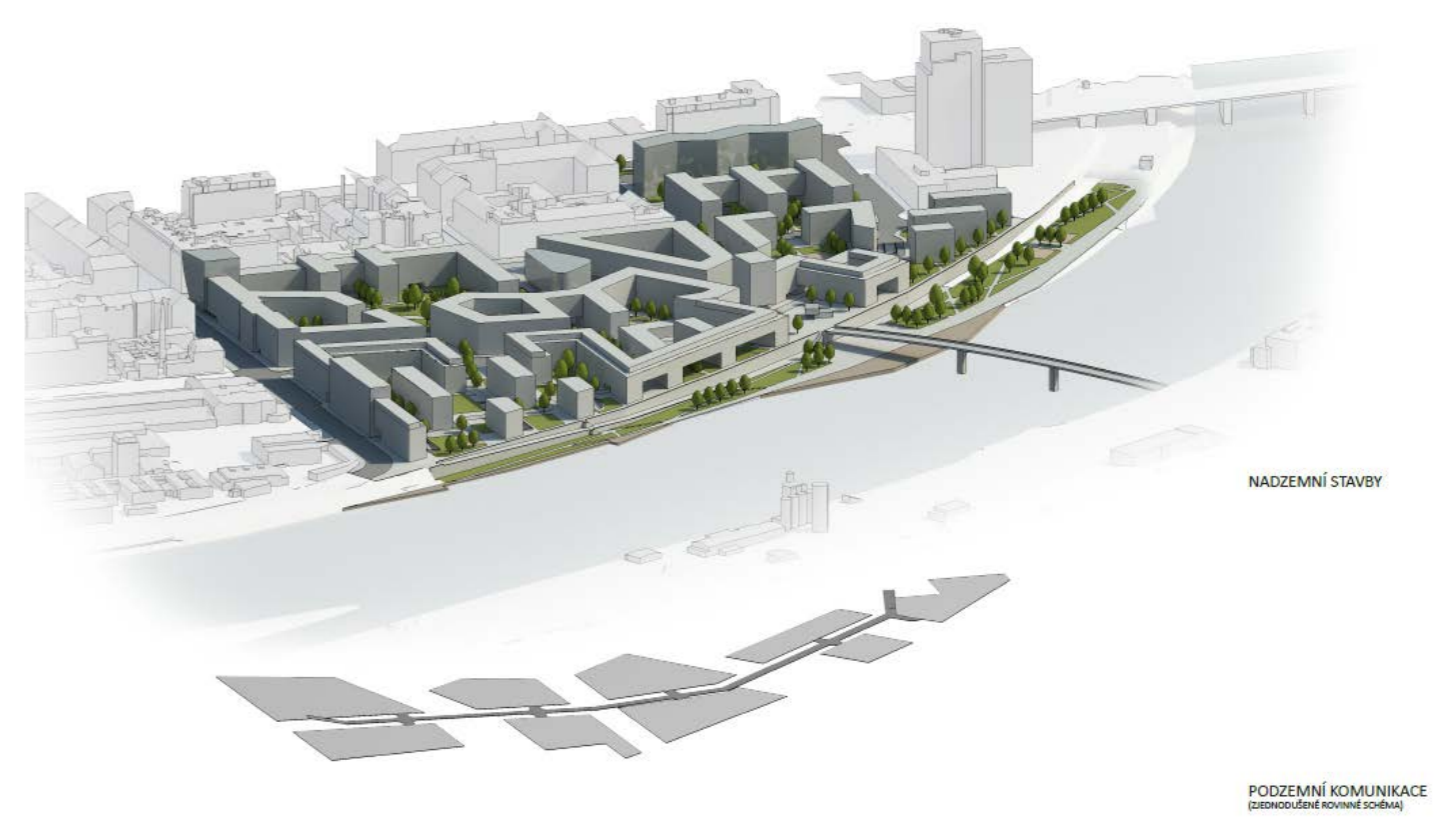
Work has high level of comprehension and apparant communication, filled with mature graphical execution. Jury put her rightfully at the head of project rating.



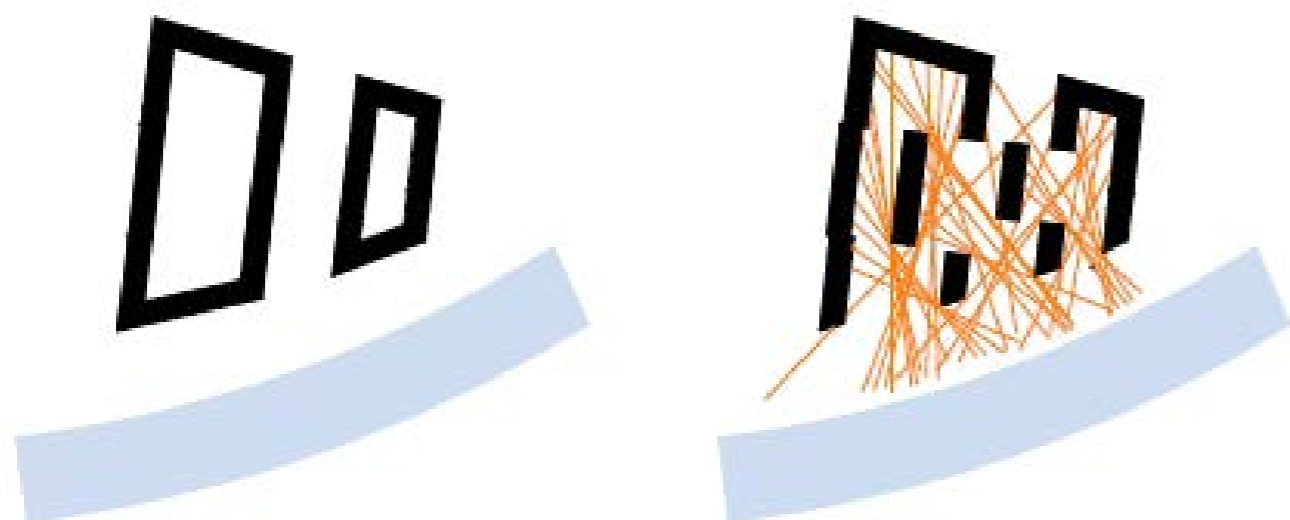
- ↑ Vizualisations
- ← Scheme of Císařská Louka
- ← Science-fun areal
- ← Transferium Smíchov

HOLEŠOVICE BERTH

Martin Stark
FSV ČVUT, K-127, doc. Ing. arch. Ivan
Kaplan, Ing. arch. Petr Kučera, Ing. arch.
Helena Míková



- ↑ On- and underground spaces
- ← Main urbanistic layout
- ← View across the new bridge



HOLEŠOVICE BERTH

Verdict of the Jury:

This urban study engaged jury by its comprehensive approach to currently devastated and urban fragmented part of Holešovice berth area.

Design solves nicely new structure of possible station with combination of closed, semi-closed and opened blocks and solitary objects logically complementary on current mostly block scheme of Holešovice. Designed instalation reacts very well to location by the river and its orientation towards cardinal points.

Jury highly appreciated hierarchization of public, semi-public and private spaces, transport solutions of car and pedastrian traffic inthe area.

Huge benefit is mainly connection of designed installment with berth and its making neighborhood including concept of new pedestrian bridge connecting with currently constructively developing Rohanský isle.

In relation to new bridge is well designed axe of the whole area with clearly designated central square with height view point.

Decision of the jury was in this particular occasion unanimous.



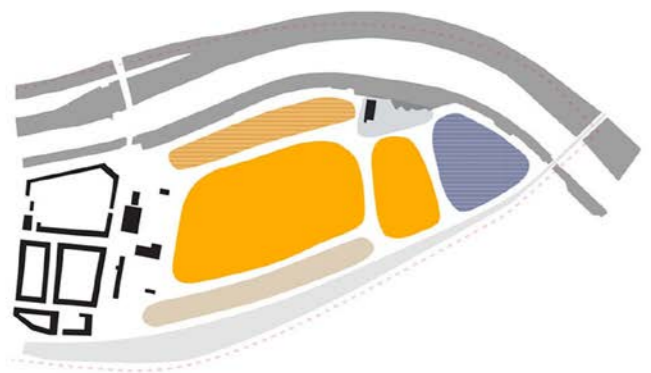
↑ Visualisations

← Pedestrain permeability and urban block principle

NOWY KLECZKÓW (WROCLAW)

Lukacz Kaczmarek, Anna Klimczak
Politechnika Wroclavska, Wydział Architektury

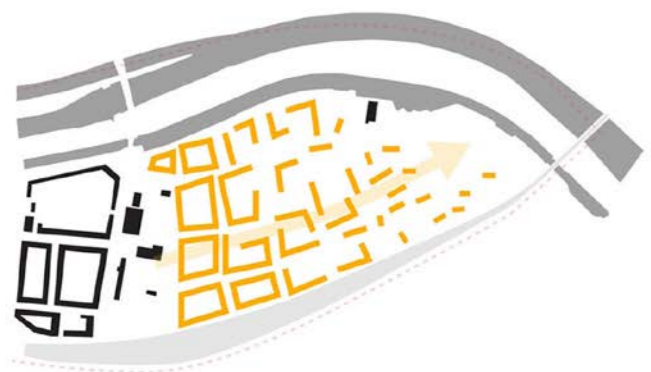




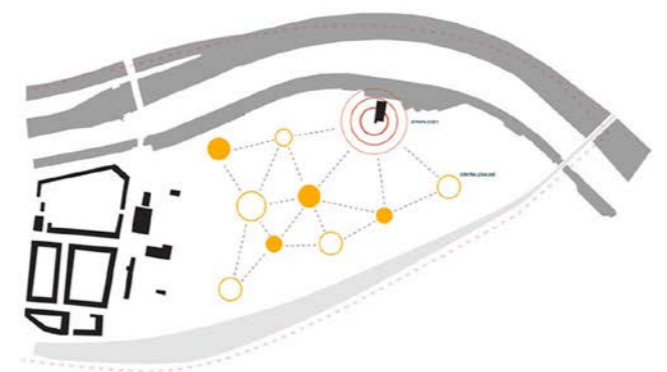
ZONING



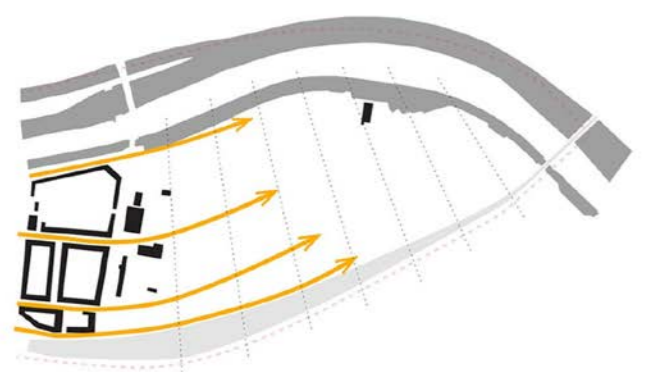
FILLING UP WITH GREEN



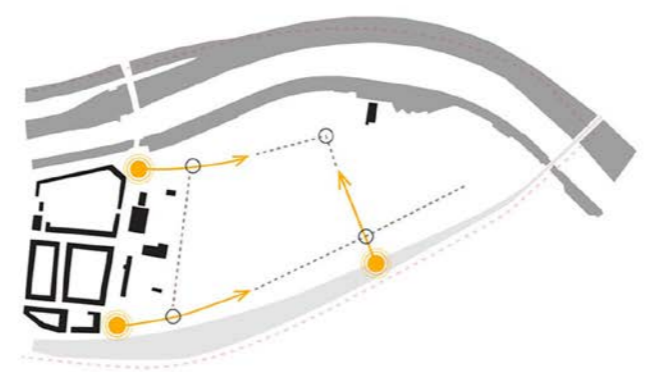
DISPERSION OF DEVELOPMENT



LOCAL CENTRES



THE CONCEPT OF DIVISION INTO FUNCTIONAL BELTS



COMMUNICATION

22.56%

BUILDINGS
10.58 ha



APARTAMENTS
67,4 %



NUMBER OF INHABITANTS
10 637

43.98%

IMPERMEABLE SURF.
20.62 ha



SERVICES
17,2 %

33.46%

GREEN AREA
15.68 ha



OFFICES
15,4 %



NUMBER OF APARTAMENTS
3029

46.88 ha

NOWY KLECZKÓW (WROCLAW)

Verdict of the Jury:

Subject of solution was development of former industrial area on the northern edge of core Vratislav, which should bring new quality of living in original structure of city, using advantages of closeness city centre, river Odra and public.

Design starts from wider relations based on analysis of citizen needs of whole Kleczkowa and neighbouring housing development. Strong emphasis was laid on zoning fuction - in form of three zones of divided communications. Closest to the river should be objects with services and on upper decks apartments, in the middle area installation with residential fuctions and commercial zone, which will divide estate housing from busy railway tracks in the south side of land. While whole eastern part should be designated to recreational purposes and public green.

Flaw of the work is rather schematic solution of public space hierarchy which influence composition structures and absence of bold decisions in fundamental points: conection of fuctionally significant public spaces with embarkment boulevards.

Jury appreciated complex form of solution, sophisticated way of graphical form, involvement of green areas and richness of proposed functions.



↑ North Gate, South Gate, Main square
← Design principles

URBAN STUDY FOR THE HAGIBOR AREA

Bc. Jiří Moos
 FSV ČVUT, K-127, doc. Ing. arch. Ivan Kaplan

Verdict of the Jury:

Adressed area is located at the edge of broader center of Prague. From the west it is intercepted by unclear urban structure of massive solitaires, from the North and from the South adjacent areas of Graveyards, which is possible to regard as recreation background of locality. On the East land to residential complex on Vinice with already favourable solved parterre and also public space in the vicinity of houses. On its context and value in land design sensitively reacts. System of new streets build on designated hierarchy of spaces of residential complex Vinice and corresponds also to flows of traffic.

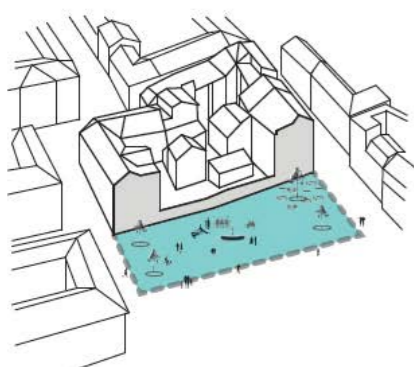
In western part where public is yet to be saturated, concept dominant recreational background, based on already high green culture.

Jury appreciated well-functioning urban structure based on erratic semi-closed blocks, which meet both functionality of dispositions and outdoor space. Proportion and hierarchy of space and mass gives pleasant impression including esplanade in between construction administration and residential parts.

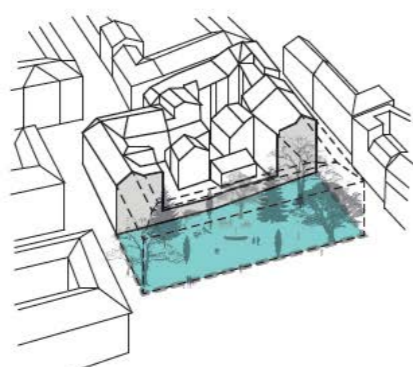
Jury had reservations to over-sizing of functional content by administration, even if they recognised limits of busy Počernická street, to which is responded specifically with this type installation.



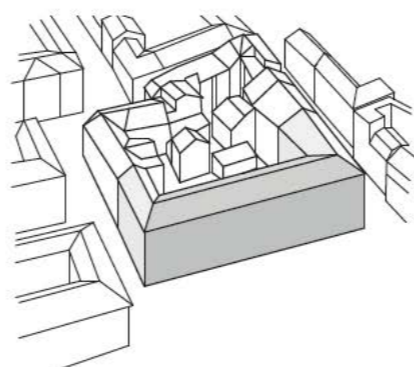
- ↑ Visualisations
- ← Principles of pedestrian, cyclists movement and recreation areas
- ← Urbanistic layout



stabilizována,
nelze zastavět



stabilizovaná,
s možností
zástavby



možno zastavět

NO SPACE STRATEGY FOR GRADUAL USE OF CITY GAPS

Eva Horáková
VUT Brno, Ústav urbanismu, doc. Ing. arch.
Gabriel Kopáčík

Verdict of the Jury:

Work of student of VUT, Brno, Faculty of Architecture is aiming at matters of blank spaces in broader centre of city Brno. Blank spaces are generally problem of every city and also are possible potential for their further development. Most of these spaces are not maintained and create in perception of city unpleasant corner, which are waiting for new construction or are used for parking cars or enable grow of vegetation.

Work is divided into two parts - analytical a design. In the analytical part is defined term blank space and v broader center of Brno are "blank spaces" looked for and described. Student divided blank spaces based on several criteria: accessibility, current state, ownership, spacial organization nad based on possibility or impossibility for further usage. Variability is presented by illustrative graphical attachments. Defined current blank spaces are compared with historical maps.

Design part is using comparison with medicine a its procedures of healing ill organism - from non-violent to radical ones. Even application is based on this procedure means for particular places several possible solutions - either usage only by some kind of "patch" or radical treatment - so called "planned operation". Chosen healing method are presented by description and illustrative graphical schemes.

Work presents complex mastering of problematic blank places, above all analytical part - both during defining the term and during mapping and description of areas in framework of built-up area.



prášek proti bolesti



desinfekce rány



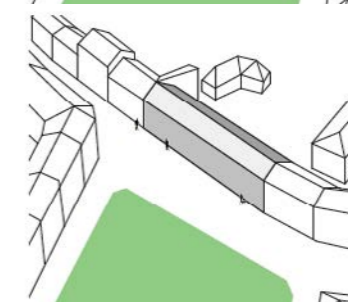
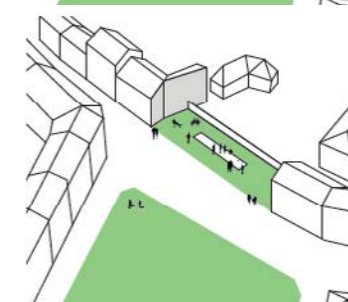
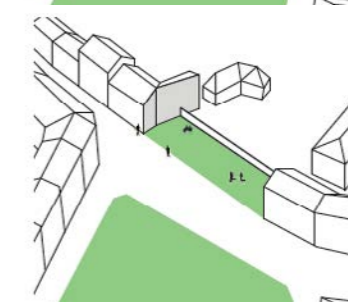
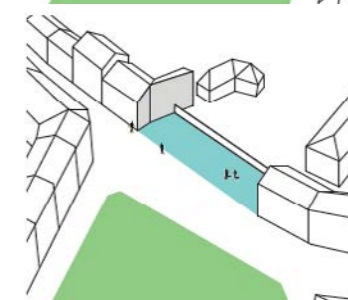
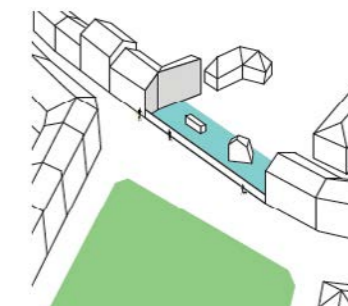
resuscitace místa



náplast na ránu



finální operace



↑ Strategy of „treatment“

← Building gaps in Brno and types of them

REVITALISATION OF THE ST. EGÍDIUS SQUARE IN POPRAD

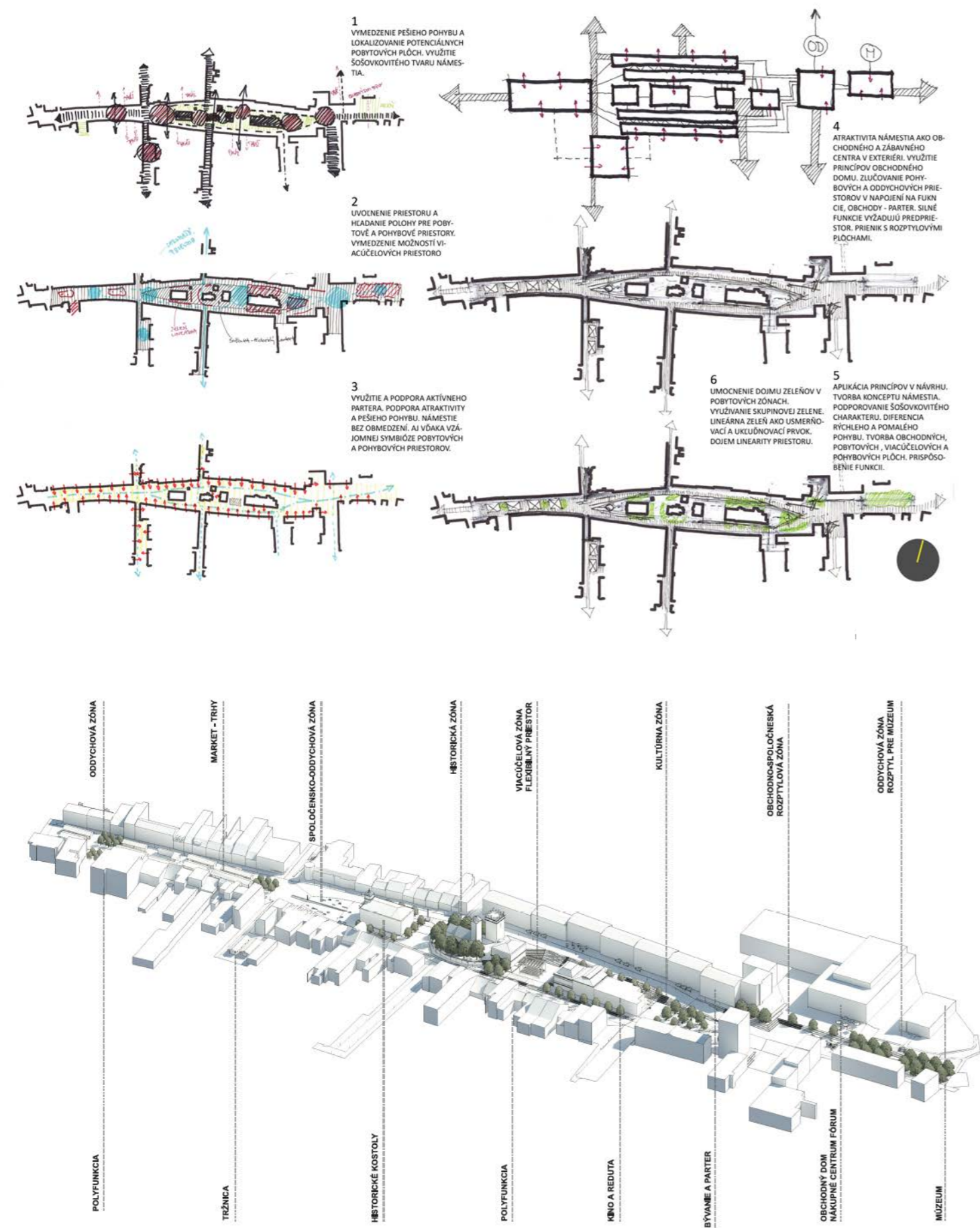
Miloš Diežka
 FA STU, Ústav územného plánovania a urbanizmu, prof. Ing. arch. Bohumil Kováč, PhD.

Verdict of the Jury:

Design deals with revitalization of urban space of historical St. Egidius square in city Poprad to attractive business-culture-civil centre. Square has specific shape and dynamic morfology of terrain. Basic idea of concept is clear funcional and spacial specification and joint connection of each part of square and also integration of parterres of particular buildings in urban space. In the similar fashion are differened dynamic - motion and static - residential parts of square. Height configuration od square is used on cascade terrace, which are used for user purposes. Their backlit also make special whole space. To soften cold stone a concrete paving is suggested wooden furniture and lightening. Aim of design is to reach vital urban space, civil acceptance and long-lasting sustainability.

Work has well-arranged structure from detailed analytical part, which examines historical development of public space, relations and bonds in narrow city centre to elaborately evaluated problems, conflicts and potentials.

Design based on preservation and support of identical local attributes of particular square spaces is filled by new functions, which support vitality of space for visitors. Jury appreciated comlexity of work from analysis, to concept, to project of construction. Work has high graphical qualities.



↑ Visualisations
 ← Concept of the proposal
 ← 3D scheme

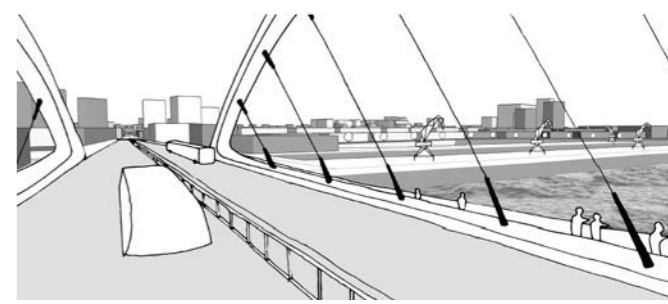
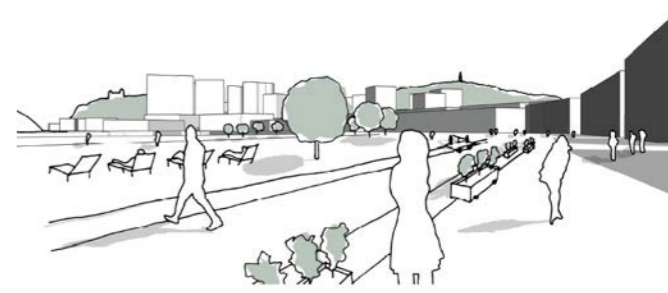
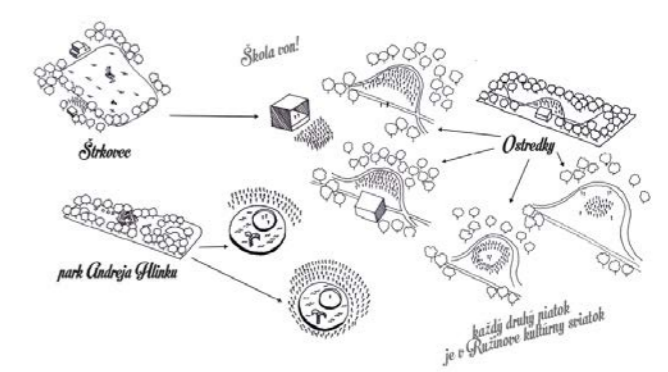
PUBLIC SPACES: RUŽINOV

Erik Blaho, Ladislav Michalka, Daniela Schuchmannová
 FA STU, Ústav územného plánovania a urbanizmu, doc. Ing. arch. L. Vítková, PhD.

Verdict of the Jury:

Design deals with elementary functional, composition nad operation xxx for further development of Bratislava city quater - Ružinov. The goal is reach lively, safe and sustainable city environment. elaborate mapping and assessment is finalized by by SWOT analysis, which is basis for conception design. Main strategy of revitalization and development of city spaces based on functional difference of public spaces, removing barriers in nodes, hierarchy of traffic lanes, xxx pedestrian and bike trails, supporting and identification with space and revitalization of public garden areas. Propossed intervention subtly xxx into existing structure, fill public space with new pedestrian and and physical activities, revive parterre, adapting poor unmaintained free places, revitalise of inner blocks, reorganizate and segregate trasportation. xx of work is xxx proposal of regulatives for interventions, new construction and reconstruction in public spaces.

The goal of work is to reach easily accesible, user-friendly, safe, attractive public space, which is used for active recreation, organised or informal meetings of visitors. Basic conception of increasing quality of environment is based on urbanisti interventions into funcionally differenced public spaces of city quater Bratislava - Ružinov. Atelier project has clear structure, comprehensive a readable graphics.



- ↑ Principles of revitalisation
- ↑ 3D sketches
- ← Whole layout
- ← Principle of transformation



PRESENTATION OF THE CONTEST

—
Selection of contest designs will be available at www.gis.cvut.cz.



MEDIAL PRESENTATION

Magazines:

Urbanismus a územní rozvoj - Ročník XVIII - č. 3/2015

Bulletin ALFA, FA ČVUT

Aktuality AUÚP ČR

On-line:

archiweb.cz

ASB-portal.cz

University web:

www.fa.cvut.cz

www.fa.vutbr.cz

www.fa.stuba.sk

www.wa.pwr.edu.pl

Information about the contest:

Spatial planning department FA CTU:

www.gis.cvut.cz

AWARDED PROJECTS EXHIBITIONS

Awarded contest designs are every year exhibited. Therefore students, lecturers and experts can inspect the contest results and also assess quality of urbanist students from czech universities.

On the 15th of March took place vernissage of exposition of awarded works and public announcement of winners.

In atrium "U jelena" meet decent group of people and whole announcement was moderated by secretary of contest Ing. arch. Vít Řezáč, who appreciated mainly rising quality of rated projects and widening basis of universities, which are interested in urban planning tasks.

Diploms were presented by dean of Faculty of architecture prof. ing. arch. Ladislav Lábus, Hon FAIA. In his speech he mentioned growing meaning of urban contests. For students it is a valueable opportunity to have their work objectively assessed by academical workers and people from practice. Student also gain valueble feedback, which can make their studies easier and also can help them find footing in practical aspects of urbanism even before practice.

Value of student contest of the best urbanistic projects consists in opportunity to confront attitudes of students of different universities both with people from the the outside and other students and lecturers. This is also reason why next contests will be wide open to bigger number of developing projects.

GALLERY

FESTIVE ANNOUNCEMENT
FOYER FA CTU - 15. 3. 2016



GALLERY

FESTIVE ANNOUNCEMENT
FOYER FA CTU - 15. 3. 2016



AWARDED STUDENTS

AWARDED PROJECTS

EXHIBITIONS



EXHIBITIONS 2016:

- 15. 3. - 29. 3. FA CTU, Prague
- 5. - 6. 5. Spring conference AUÚP, Tábor
- 9. - 20. 5. FA VUT, Brno
- 30. 5. - 10. 6. FA STU, Bratislava
- 26. 9. - 10. 9. Architecture week, National technical library in Prague

ORGANIZER



PARTNER



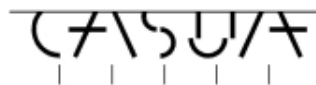
PRINCIPALS



Politechnika
Wroclawska



SPONSORS



ZUUPS



STUDENT CONTEST URBAN DESIGN AND SPATIAL PLANNING AWARD

Yearbook and overview report, XXI. Vol.

Organizer of the XXI. contest was Spatial Planning Department FA ČVUT,
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