

ARCHITECTURAL COMPETITION FOR STUDENTS

MODULAR BUILDING OF THE PHILHARMONIC

2016

ČESKÉ BUDĚJOVICE,
Česká republika

Modularch 2016: 8th year
of architectural competition

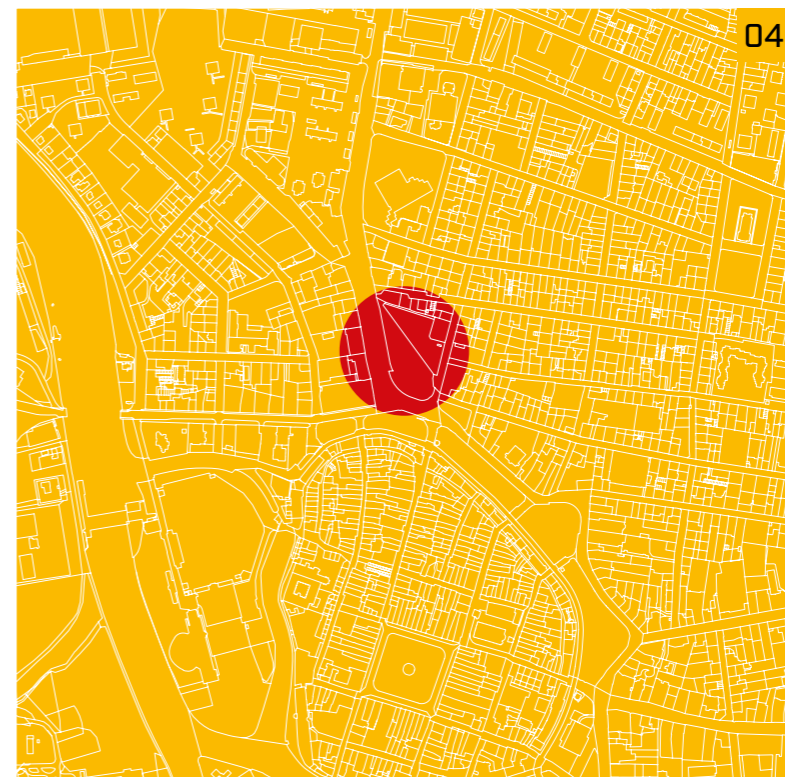
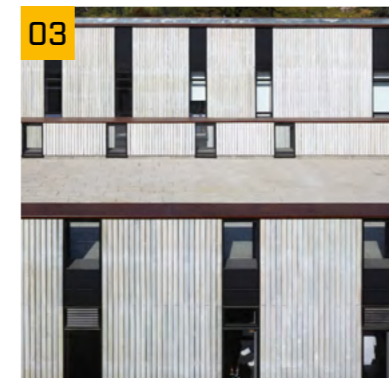


**MODUL
ARCH**

MODULAR BUILDING OF THE PHILHARMONIC

IDEOLOGICAL PROPOSAL OF A MULTI-PURPOSE BUILDING OF THE SOUTH CZECH PHILHARMONIC IN ČESKÉ BUDĚJOVICE

The purpose of the architectural competition is to bring attractive ideological solutions for the proposal of a new multi-purpose building of the philharmonic orchestra in České Budějovice. The topic of the competition is the design of a multi-purpose centre of the South Czech Philharmonic with a variable hall for an audience of up to 1,000 persons, combined with an open stage for open-air concerts with all the necessary amenities for the artists as well as for the visitors of the cultural installation of the South Czech Philharmonic.



MODUL
ARCH

LOCATION

ČESKÁ REPUBLIKA

The Czech Republic is an inland country which consists of a majority of the historic Czech lands that have been, for most of the time, part of the Lands of the Bohemian Crown: Bohemia and Moravia (with the addition of a part of Lower Austria in 1920) and a part of Silesia. The country has an area of 78,866 square kilometers. The country neighbors with Germany, Poland, Slovakia and Austria in the west, north, east and south, respectively. In terms of public administration, the Czech Republic is formed by 8 geographic and 14 administrative regions. The capital city, and one of the regions, is Prague. The population of Czechia was approximately 10.5 million in 2015.

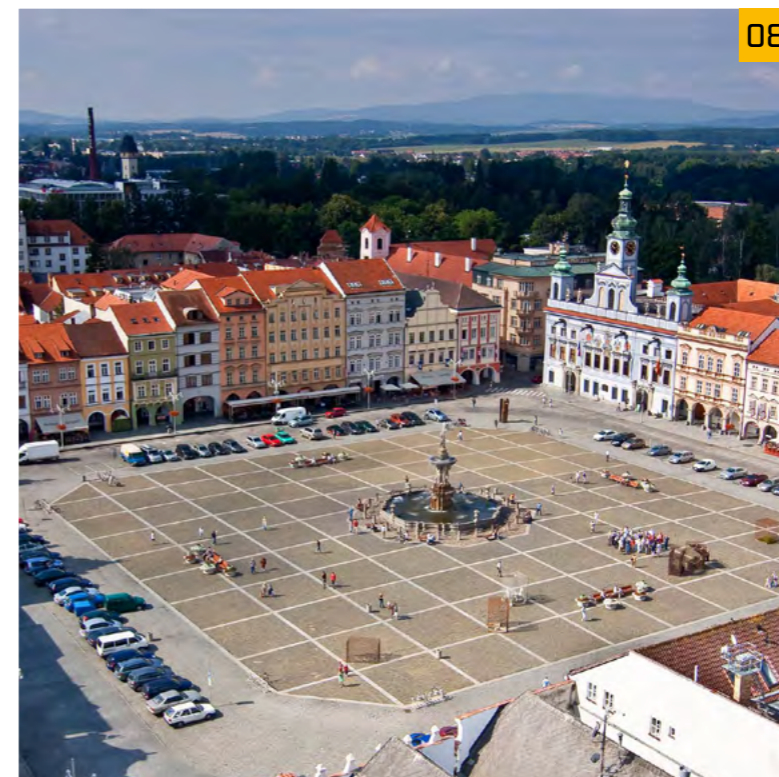
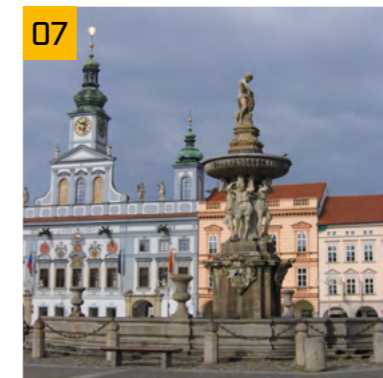
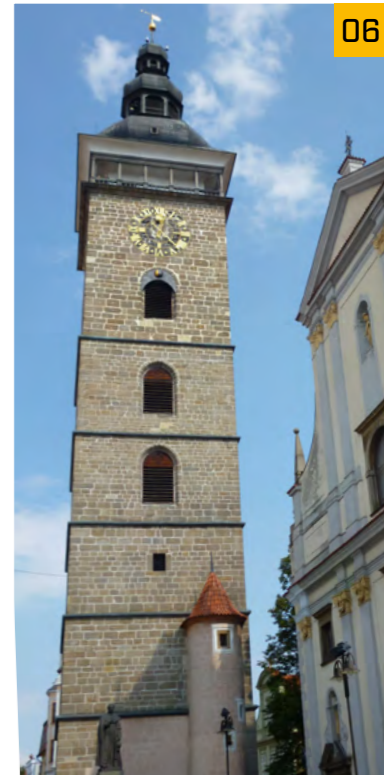
JIHOČESKÝ KRAJ

The region has an area of 10,056 square kilometers, i.e. 12.8% of the country territory. The region has a population of 637,300; this indicates the country's lowest population density of 63.4 persons per square kilometer.

The South Bohemia landscape is famous for its numerous lakes and picturesque villages in two basins, České Budějovice and Třeboň, in its center. Hills surround the area: the Central Bohemia Uplands, the Czech-Moravian Highlands, Novohradské Mountains along the Austria border and the country's second highest mountain range, the Bohemian Forest, at the South-West border. The average elevation ranges from 400 to 600 meters.

ČESKÉ BUDĚJOVICE

České Budějovice, now the region's largest settlement with a population just shy of 100,000, is the administrative, culture and transportation centre of South Bohemia. České Budějovice is a statutory city and the administrative and culture capital of South Bohemia. It lies in the České Budějovice basin, on the confluence of the Vltava and Malše rivers and it prides in a number of historic sites and museums. The city was founded by the Czech king Ottokar II of Bohemia in 1265. Throughout the centuries that followed, it would become the largest and the most populated place in South Bohemia.



MODUL
ARCH

PURPOSE AND AIM OF THE COMPETITION

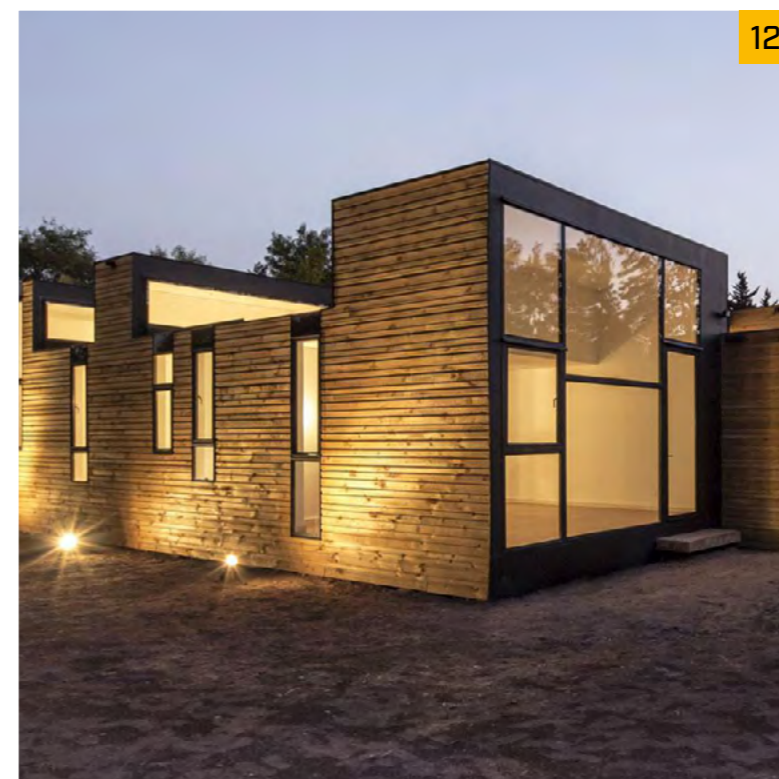
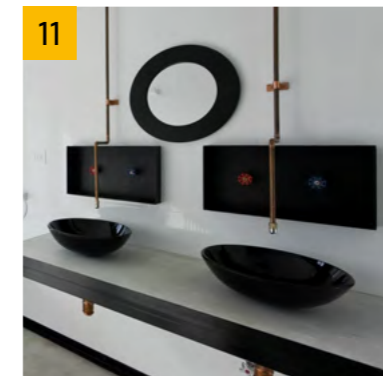
The purpose and aim of the competition is to support independent creative work of university students as well as advertisement and propagation of knowledge of modular construction and the use of the system in practice. The competition will especially award creative approach with atypical solution of the presented problems.

The assessment will also consider the quality of the architectural and urban solution of the design, the layout and functional solution of the presented designs as well as its originality. For design itself it is important to explore modular technology and its limits, to show the effort to examine the contribution of modular architecture as well as the application of sustainable principles in designing modular buildings.

There is currently no planned construction of modular Philharmonic on this land.

BASIC CONDITIONS OF THE ARCHITECTURAL COMPETITION

- Use of the KOMA modular technology in the design. Modular technology need not be used for the entire building; the method and range of use is at the competitors' discretion as is the type of modules used (see the presentation of the modular philharmonic centre for the options)
- Meeting the requirements of South Czech Philharmonic in terms of the area of the halls and background. Other uses of the centre may be attached to the basic specification.
- Consider the risks and potentials of the area.



MODUL
ARCH



14



15



16



ANNOUNCER OF THE COMPETITION



USER OF THE BUILDING – SOUTH CZECH PHILHARMONIC

South Czech Philharmonic in České Budějovice was founded in 1981 under the name of the State Orchestra of South Bohemia. Currently the body has 37 members and is the sole professional philharmonic orchestra in the region of South Bohemia.

Apart from traditional presentation of music written by classical composers and pieces suitable for smaller bands and a small concert hall, the orchestra is continuously focusing on the modern trend of combining music genres, discovering new attitudes to interpretation and presentation of music while systematically increasing its quality. Most of the orchestra members are young, hard-working, aspiring and promising players who are eager to embrace any new collaboration with top conductors and solo players.

The ambition of the South Czech Philharmonic is to keep nurturing the interest of its current subscribers and to focus on younger audiences and the broad public so as to attract even those visitors who have not yet identified any interest in classical music. The band has the capacity, approach and determination to achieve that.

Chief Conductor – Jan Talich

Jan Talich (1967) has graduated from Prague Conservatory and later he has studied at the Academy of Musical Arts in the class of Václav Snítíl. Already at that time he has held his own recitals and has played with orchestras over the entire country. He has also received a scholarship in USA with Samuel Ashkenasi and later at the English Guildhall School of Music with Yfrah Neaman.

KOMA MODULAR

The announcer of the competition is KOMA MODULAR, a company which regularly organizes architectural competitions in the topic of modular construction for university students of architecture and civil engineering; the company holds several patents and utility designs. KOMA MODULAR has been the leader on the Czech modular market especially thanks to high-standard staff. People, quality and innovation is what has characterised KOMA for over 20 years of its existence.

KOMA MODULAR is the specialist for modular construction. Buildings using the KOMA system have been erected in European Union countries, Norway, Switzerland, in Near East countries, in countries of the Russian Federation, in the Balkans, Mexico, Mongolia and India. The average annual output of KOMA products amounts to 2500 modules, 80% of which ships abroad.



MODUL
ARCH

BUILDING PROGRAM

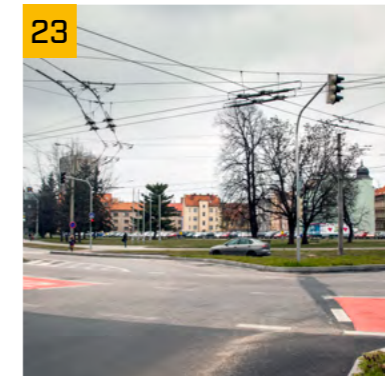
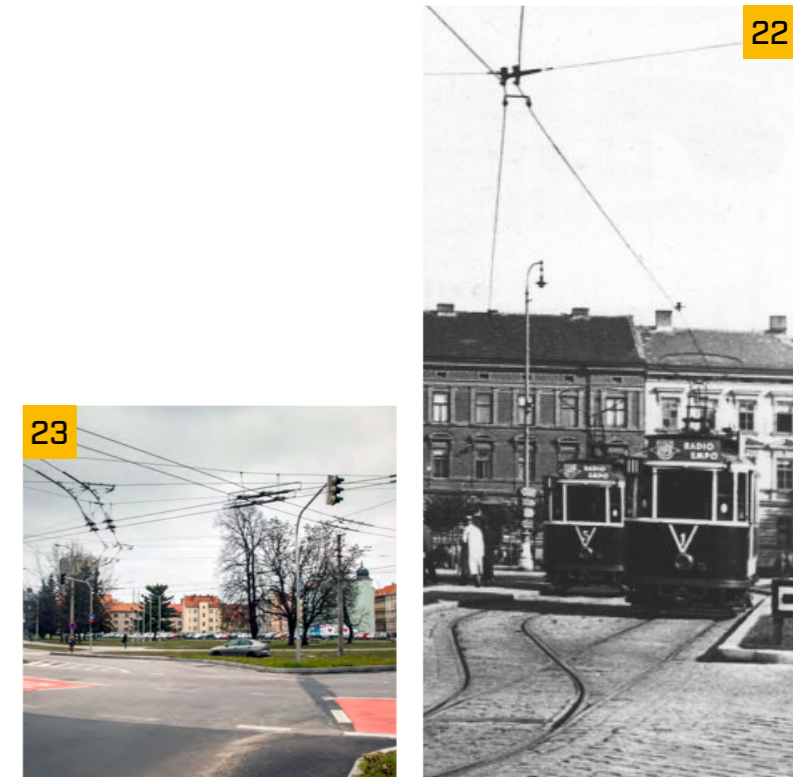
LOCALITY

The specified area is a space of Mariánské náměstí (Marian square) in České Budějovice and adjacent land owned by the city. Primary areas reserved for Philharmonic building are plots 4353, 3966/1 and 3966/3 in cadastral territory České Budějovice 3 with a total area of 11 935 m2. Mariánské náměstí is located north of the historic city center - at the intersection of the streets Pražská třída (Prague avenue) and Husova třída (Hus avenue), within walking distance of the historic center of České Budějovice.

There is a cultural monument of former barracks on the square. The square as a whole needs urban revitalization which is planned by the municipality to be reached by development of urban studies according to the zoning plan. If an urban forethought works with completion of the block, it is possible to use the adjacent plots that are in private ownership.

BASIC REQUIREMENTS FOR THE MULTI-PURPOSE MUSICAL CENTRE

- Variable hall with a capacity of up to 1,000 seats
- Background and offices of South Czech Philharmonic
- Premises for the visitors, adequate to the capacity
- Open Air musical stage
- Restaurant / café



MODUL
ARCH

BUILDING PROGRAM

SITE CHARACTERISTICS

The area of Mariánské náměstí was built on a site of former foreground of the Pražská brána (Prague gate), which was part of the defense system of the city. This public space without urban strategy is not used as a square anymore nor has its character. It got its present extended form by demolitions in the 1950's, which was a preparatory phase for the construction of a South Bohemian Theatre, which has not been built yet.

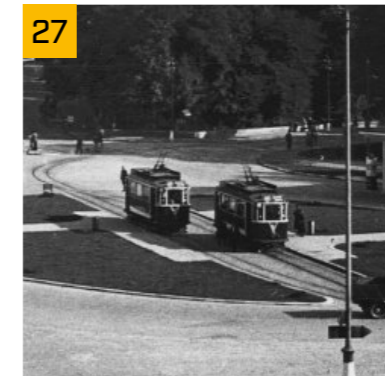
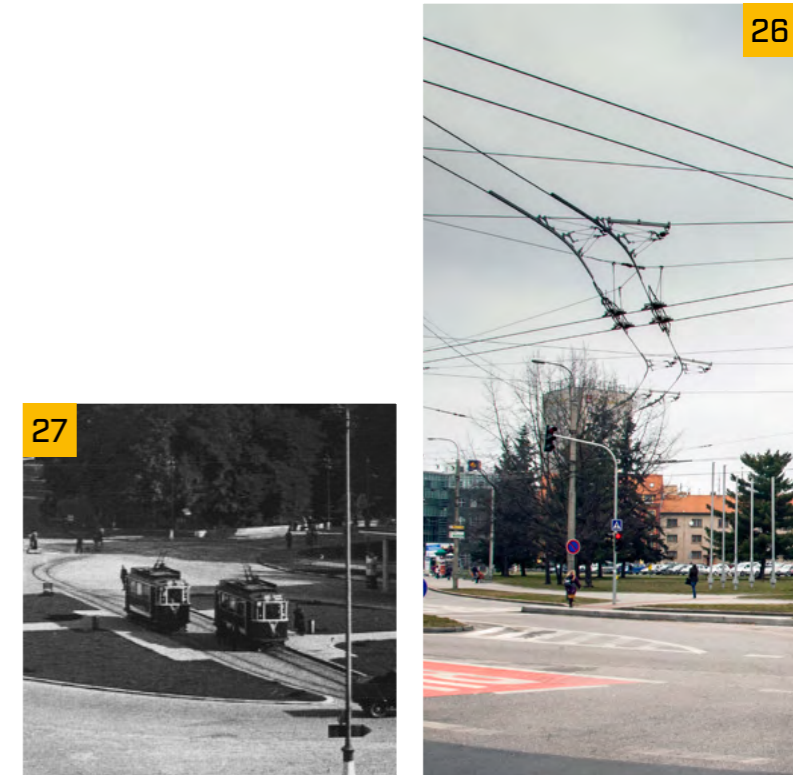
There used to be a historical business and postal route leading through the Prague gate and across the historic core of the city. It connected Linz and Prague. In front of the gate there used to be a crossroad with a turn to Pilsen - this transport hub remained here until these days. It is linked to a unique circular green ring around the medieval core of the city - park Na Sadech. It arose on the site of the original fortifications.

There are several important visual dominants nearby. Iconic building of collective housing Perla and high-rise hotel Gomel (Clarion). Neither of these two high-rise buildings is a part of the square, but both effect long-distance views.

The goal and intention is a definition of the square by new buildings and new regulation of Prague boulevard and its re-extension southwards. Obviously, the northern front of the square is formed by unattractive rear wings of apartment buildings, western and eastern create robust buildings with a small city-forming potential and at the south, there is and will remain the park Na Sadech with grown trees. There is a historic city center behind the park.

The square should get new energy from contents linked to cultural function of the designed building.

Intense traffic will remain a disturbing element. Collective parking can be hidden underground. The roof of the new building gives a rare opportunity to offer an attractive view of the location-based and still well-preserved medieval town.



MODUL
ARCH

GENERAL CONDITIONS

TYPE OF COMPETITION

The competition is hereby announced as public – an anonymous, ideological, one-round architectural competition. The competition is organized for students of architecture and civil engineering, for architecture graduates within 5 years after graduation, as well as for teams of architects – they may include other experts, however, students or recent graduates must present no less than 50% of the team. All participants shall prove their status by providing a proof of study or a copy of their diploma.

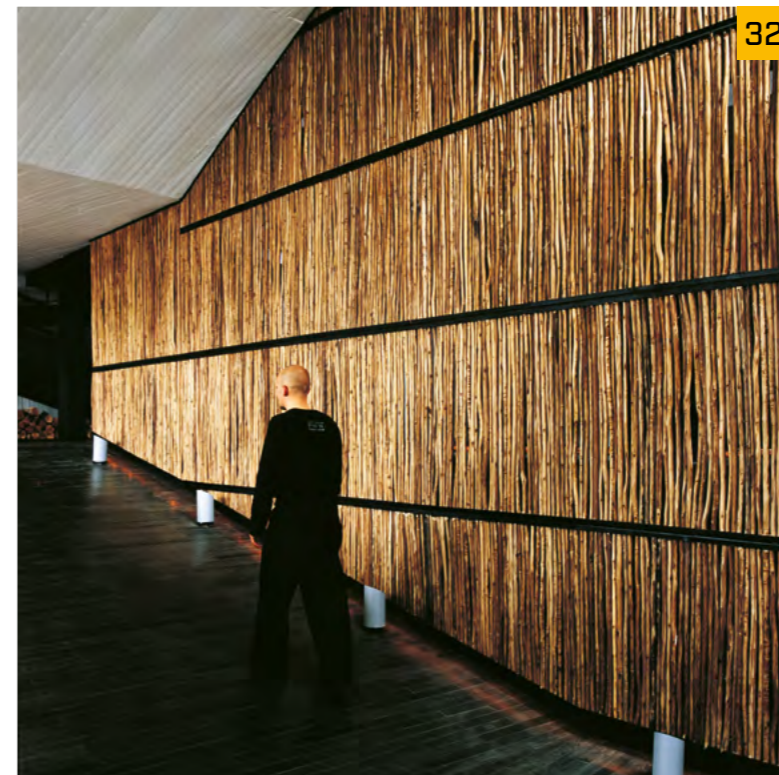
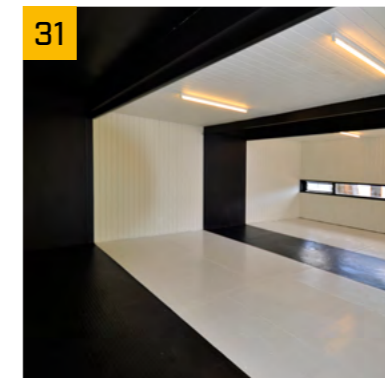
The competition is held in the English language.

PERSONS EXCLUDED FROM THE COMPETITION

Persons meeting the qualifications given below are excluded from the competition:

- Graduated from said schools more than 5 years ago and are not members of the student team,
- Participated directly in the preparation of the task and announcement of the competition,
- Members of the jury, experts invited by the jury or by auxiliary bodies of the jury,
- Spouses, in-laws, immediate superiors or reports or co-workers of excluded persons: The condition also holds for members of the City Council and other administrative bodies.

This stipulation, in an adequate degree, applies to the members of the jury.



MODUL
ARCH

GENERAL INFORMATION

PRIZES AND AWARDS

FIRST PRIZE 2500 € | SECOND PRIZE 1500 € | THIRD PRIZE 1000 €

The prizes are offered in a total sum of 5000 EUR. The jury may choose a distribution of the prizes different from the above; however, the entire amount needs to be used. The jury may decide to present honorable mentions to innovative designs.

An exhibition of the final project designs will be held within the framework of international collaboration. All awarded designs will be published on the websites of the media partners of the competition.

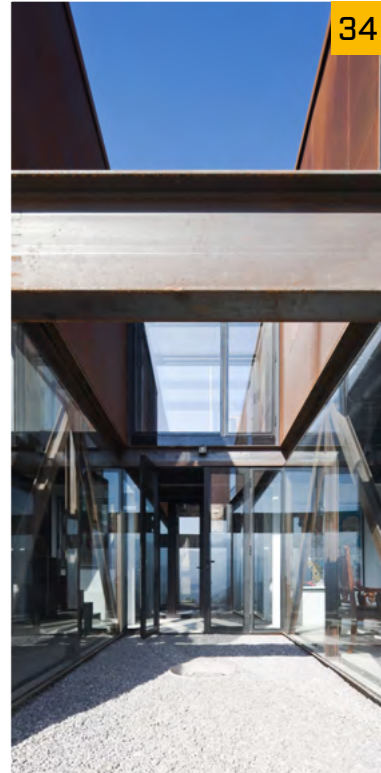
TIMELINE OF THE COMPETITION

15/03/2016	Official announcement of the competition
15/03/2016	Registration for competition opens
26/04/2016	Deadline for competitor questions
30/05/2016	Deadline for submission of competition designs
15/06/2016	Evaluating session of the jury
22/06/2016	Announcement of the competition results

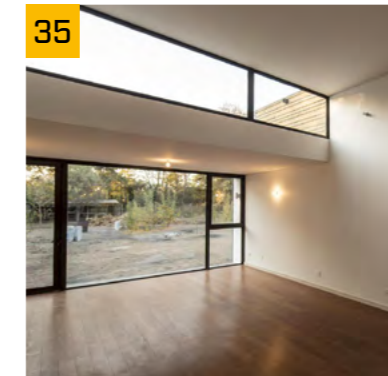
33



34



35



36



MODUL
ARCH

INTERNATIONAL JURY

INTERNATIONAL JURY

Caroline Bijvoet (NL) / architect, Bijvoet architectuur & stadsontwerp, teacher

Joseph di Pasquale (IT) / architect, AM Project, Joseph Di Pasquale architects, teacher

Václav Hudeček (CZE) / Czech violin virtuoso

Petr Šikola (CZE) / architect, DOMY JINAK, teacher, Faculty of Civil Engineering at Czech Technical University

Radek Vopalecký (CZE) / architect, VISION ARCHITECTURE

Marcel Růžička (CZE) / architect

Otakar Svoboda (CZE) / director, South Czech Philharmonic in České Budějovice

Martin Hart (CZE) / marketing director, KOMA MODULAR.

Jan Němec (CZE) / master architect of the city of České Budějovice



MODUL
ARCH

COMPETITION SPECIFICATIONS



COMPETITIVE CONDITIONS

Competitive conditions will be available for download at www.modularch.cz for all participants who have registered, free of charge, for the competition.

REGISTRATION

Available for free on the website. To register, please enter your name, e-mail address, phone number and a proof of study or a copy of your diploma. Teams only need to register their leaders – they must comply with the conditions stipulated for individuals. The status of all remaining members of the team will need to be proved at the submission of the competition designs.

Having completed their registration, participants will receive the provided documents and a unique registration code.

GRAPHIC PRESENTATION:

2 panels 594 x 840 mm (A1), in portrait orientation – see template.

THE PANELS SHALL CONTAIN:

- Design views (plans of all floors, specific section views and plain views) in a scale at least 1:200
- 2 required sketches in specific photographs
- 2 visualizations of the interior
- Brief description of the design



MODUL
ARCH

IMAGE CREDITS

01 09 36 38

Student Housing UPC, H arquitectes+dataAE, Sant Cugat del Valles, Spain, zdroj/ courtesy of H arquitectes + dataAE, © Foto: Adria Goula

02 16 17 19 20

© Foto: Petr Zikmund; South Czech Philharmonic, Source: <http://www.jcfilharmonie.cz/>

03 29 30

School of Design and Urban Studies, Sebastian Irarrazaval, Puntas Arenas, Chile; courtesy of: Sebastian Irarrazaval © Foto: Nico Saieh

04 28 37

Source: ČÚZK

05

© Foto: Benjamín Skála; Presentation of Virgin Mary Church, České Budějovice, Czech republic; CC BY-SA 2.5; source: https://cs.wikipedia.org/wiki/České_Budějovice#/media/File:Presentation_of_Virgin_Mary_Church-České_Budějovice.jpg

06

© Foto: Norbert Aepli, Switzerland, Black Tower, Licensed under CC-BY-2.5, Source: https://cs.wikipedia.org/wiki/České_Budějovice#/media/File:Black_Tower.JPG

07

© Foto: Norbert Aepli, Switzerland, Baroque city hall and Samson fountain in České Budějovice, CC BY 2.5, Source: https://commons.wikimedia.org/wiki/File%3ABudweis_016.JPG

08

© fotobank CzechTourism, www.czechtourism.com/t/ceske-budejovice-budweis/

10

Modular School, Sebastian Irarrazaval, Retiro, Chile; courtesy of: Sebastian Irarrazaval ©

11 34 39

Casa Oruga, Sebastian Irarrazaval, Lo Barnechea, Chile; courtesy of: Sebastian Irarrazaval © Foto: Sergio Pirrone

12 35

SIP m3 House, Ian Hsü+ Gabriel Rudolphy, HSU-RUDOLPHY studio, Santiago de Chile, Chile, courtesy of Ian Hsü and Gabriel Rudolphy © Foto: Aryeh Kornfeld

13 14 15 21 23 26

Source: KOMA Modular s.r.o. © Foto: Roland Szabo

18

Czech pavilion EXPO 2015, CHYBIK+KRISTOF ASSOCIATED ARCHITECTS, s. r. o., Milano, Italy, Source: archive of KOMA Modular

22 25 27

Historical pictures on Mariánské náměstí, Source: Dopravní podnik České Budějovice, www.dpmcb.cz/zabava/fotogalerie/marianske-namesti/

24 40

3D model, source: www.mapy.cz

32

Indigo Hotel Patagonia, Sebastian Irarrazaval, Puerto Natales, Chile; zdroj: courtesy of Sebastian Irarrazaval ©

33

CITY Modul KOMA, Zlín, Source: archive KOMA Modular

Contact persons:

Petr Vaněk (Secretary of the Competition) petr@artecho.cz

Eva Vrtišková (Media Contact) eva@artecho.cz

More information:

www.modularch.cz



**MODUL
ARCH**