

UIA-HYP CUP 2020 International Student Competition in Architectural Design

Theme: Architecture in Transformation

Topic: City Puzzle & Puzzle City

Jury Chairman: Wolf D. Prix

Registration Deadline: 24:00(GMT+8) August 30th, 2020

Submission Deadline: 24:00(GMT+8) September 20th, 2020

Jury Review: October 2020

I. Background

Architecture in Transformation should respond to contemporary challenges and changes. What concerns us primarily is the relationship between architecture and city, as well as the one between architecture and natural environment. The competition aims at searching and constructing human space with a Spirit of Place in the increasingly fragmented cities and unordered villages, exploring environment-friendly and sustainable ideas in the information age, and integrating creative concepts with solid basic skills in architectural design. The competition requires the participants to make detailed insights and reflections on architectural development, explore complicated demands of the people nowadays for architecture and environment, pay attention to specific sites and the events happening in them, and configure viable and dynamic urban and architectural spaces, at the same time seek suitable techniques to guarantee the possibility of implementation of the project.

“UIA-HYP Cup International Student Competition in Architectural Design” was initiated in 2012. It is internationally sponsored by the Union International des Architects (UIA), organized by the School of Architecture, Tianjin University and Urban Environment Design (UED) Magazine. Shanghai HYP-ARCH Architectural Design Consultant Co. Ltd. is the Exclusive Naming Sponsor. It is an annual architectural competition which has been

successfully held for 8 years. Each year, the UIA-HYP Cup is chaired by an internationally renowned architectural master, and the jury panel is selected from among the world's most outstanding architects and deans from schools of architecture. To boost the architectural education which mainly focuses on basic skill training in its conventional and progressive system, UIA-HYP Cup International Student Competition takes the role as an external platform for student to embrace a brand new thinking approach in order to improve their comprehensive problem solving skill, meanwhile it is also some kind of headhunter for discovering emerging elite architects.

II. Content

Competition Topic: City Puzzle & Puzzle City

Background

“A century ago only 10% of the people of the planet lived in cities, and, according to the United Nations, this number is set to rise to 75% by 2050.” Besides these macro statistics, the surprising similarities of modern cities across the planet earth deems it increasingly necessary to consider the impacts of growth on people and on the environment. The analysis and understanding of the interaction between city, architecture and inhabitants; and how we chose to shape our cities, buildings and public spaces will indeed determine and relate to many other facts that will help determine our approach to future cities.

Argument

Many cities have increasingly alienating nature; in their density one finds “space” but no sense of “place”. The urban inhabitants constantly arrive “anywhere”, but not “somewhere”. Under such circumstances, what shall be the true concern of man in general, and what shall be the concern in architecture profession in particular?

Analysis

We have four squared plots, each plot 200 meters by 200 meters; we have to design mixed-use buildings for 2.000-8.000 people per plot. The building language is different, should be different, towers, high-density, low-density structures, whatever you want. But then,

you have to add to the buildings, 30% green, on top of the buildings, on top of the roofs, courtyards, whatever you like; or, you can increase the greenery percentage in one plot, so that you have 50% - 60% green; or you allocate one plot to low density buildings and the other square to high density building, a city inside the city. In the middle of the four plots there should be a subway station; the program of every plot should be different, meaning one plot has more apartment buildings, the other plot has... etc. But it should be mixed-used within each plot as well, one square may be mainly allocated to shopping, one square to apartment, but each plot should still be mixed-up. The theme of the entire area is of a Media Cultural Center, and by extensive, it could be considered as an experimental unit with innovative strategies, which hopefully will contribute as the trigger for the future urban prototypes.

Purpose

To reflect the phenomenon of “pseudo-humanistic care” in the post-media society, we wish to engage the younger architecture professionals as a solutions-oriented generation rather than of computer generated generation.

Requirements

The competition participators shall define their design solutions for around 8.000-32.000 inhabits in Yangliuqing, Tianjin, P. R. China. Those inhabits share a core urban spatial area at a size of 4 x 200m x 200m, with relatively high density. The area’s function shall be focused on Media and Culture.

The solution shall be inspired by the appointed city, Yangliuqing, Tianjin, P.R.China, which is selected specifically for this year’s 2020 UIA-HYP Competition; however, its innovative strategies, primitive and futuristic at the same time, shall also be able to contribute as the trigger for the future urban prototypes, sparking further design thinking.

Further Technical Index:

- Energy Self-Sufficiency/Abundancy (creates more energy than the area consumes)
- Solar and Wind Energies as the Driving Factors for the Energy Design
- Food Self-Sufficiency
- Water Supply Self-Sufficiency
- Green Plot Ratio in the Urban Context shall be $\geq 30\%$
- Sunlight Sufficiency

(Through ingenious vertical and horizontal placement of the buildings)

- An Area of RARES

(RARES: Recreational, Aesthetic, Regional, Emotional and Sustainable)

III. Organizations

International Supporter : Union International des Architectes (UIA)

Hosting Organizations : School of Architecture, Tianjin University, Urban Environment Design (UED) Magazine

Co-hosting Organization : The School of Architecture of Harbin Institute of Technology (HIT)

Advising Institutions : Chinese National Evaluation Committee of Higher Architecture Education, Architecture Art Committee of China Artists Association

Exclusive Naming Sponsor : Shanghai HYP-ARCH Architectural Design Consultant Inc.

Co-organizers : School of Architecture, Tsinghua University, College of Architecture and Urban Planning, Tongji University, School of Architecture, Southeast University, School of Architecture, South China University of Technology, School of Architecture, Xi'an University of Architecture and Technology, Faculty of Architecture and Urban Planning, Chongqing University

IV. Prize and Award

1st Prize (1 team)

Certificate and 100,000 RMB (approx.15,000 USD) (before tax);

2nd Prize (3 team)

Certificate and 30,000 RMB (approx.4,500 USD) (before tax);

3rd Prize (8 team)

Certificate and 10,000 RMB (approx.1,500 USD) (before tax);

Honorable Mentions (several teams)

Certificate and 6-month free subscription of UED magazine;

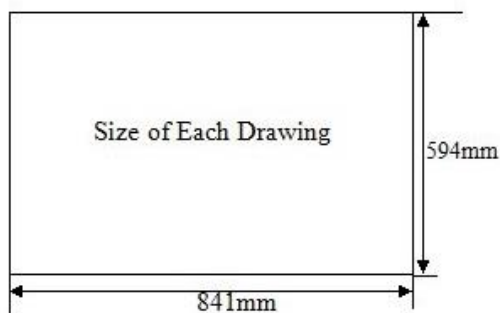
Advisors of prize-winning projects will also be awarded with certificates.

V. Competition Procedure

1. This is a fair competition open to all architecture and relevant major students around the globe. Full-time on-campus architecture students from accredited institutions (including master and PhD candidates and graduate students of 2020) can participate alone or as a team with team members of no more than four people and advisors of no more than two.
2. Only the team leader will be contacted when necessary if students participate as a team.
3. Log on <http://hycup.uedmagazine.net/?r=site&en=1>, click “Online Registration” to fill out the registration form and submit online.
4. After filled in the registration form, participants will get a serial number (please take care to preserve it as each participant/participating team has only one serial number).
5. Please submit the digital version of drawings and related documents to **uedcompetition@163.com** before the submission deadline, **24:00(GMT+8) September 20th, 2020**. The organizing committee accepts no printed version. Entries will be printed and exhibited together in due time.
6. With the assistance of the committee, juries will meet and decide the winners.
7. Inquiries related to the competition will be responded to via e-mail:
uedcompetition@163.com

VI. Submissions

1. Please submit the digital version of drawings and related documents to uedcompetition@163.com. Please include “**Competition+ Registration Serial Number**” in the e-mail subject line. If the entry is too large to attached, please upload to online file sharing website such as “We transfer” or “Google drive” and provide download link in the submission email. Entries will be printed and laid out by the committee.
2. Language: English
3. Scale and dimensions must be in metric units.
4. Documents: Recognizable scanned copy of passport and student card should be attached in the e-mail. Students themselves are responsible for the authenticity of the documents.
5. Entry Requirements
 - a. Specification: The layout of the 841mm x 594mm drawing should be horizontal. Each work should be composed of 3 drawings as follows:



- b. Content: Site-plan that can fully express the design intention; plans, elevations and sections; perspective drawing, illustration and a design description of about 500 words (to be integrated in the pictures and drawings). There is no limitation on proportion.
 - c. A TXT document must be attached in the e-mails of the submission, which include participants' name, registration number, e-mail address, mobile phone number, name and contact information of the advisor (if any), the full name of the school and department, title and brief introduction of the submitted work.

Drawing layout requirements

1) Please submit the drawing layout (300 dpi in resolution at least) in the version of jpg, and name the picture according to the content (such as XXX plan 1)

2) Please submit the text information in the version of TXT in the folder named by the participant(s)' name

3) Submission Requirement:

Please submit one file in the format of zip or rar and the file size should be between 50mb-100mb. This file should contain three folders, they are:

(1) Drawing: Three drawings

(2) Identity Certificate: Scanned ID photo (or Student Card and Passport)

(3) Text (TXT)

VII. Competition Regulation

1. Individual participants and groups must agree with and follow the competition requirements and regulations. The organizing committee reserves its right of final interpretation.

2. Entries with words or pictures relating to the name or department of participants in the digital drawings will be disqualified from the competition.

3. Participants have the copyright, while the organization committee can exercise all other rights except authorship.

4. Entries that have been submitted to other competitions, published on other public occasions or found to be similar to other works in terms of design ideas will be disqualified from the competition.

5. Juries cannot act as advisers to participants; otherwise participants will be disqualified from the competition.

6. Each participant can only register in one team.

7. Each group is only allowed to submit one piece of work. Repeated submission is prohibited. Once discovered, the organizing committee owns the right to choose any one of them.

8. The information of the team is based on the final submission of the TXT file.

VIII. Dates and Deadlines

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Jury Review: **October 2020**

IX. Contacts

Competition Website: <http://hycup.uedmagazine.net/?r=site&en=1>

Competition Email: uedcompetition@163.com

China Hong Kong, Macao, Taiwan and abroad : Star

Tel: +86 18201019047; Email: duanxingxing@uedmagazine.net

Instagram: [uedmagazine](#)

Facebook: [Urban Environment Design Magazine](#)