Théorie et critique du projet BA5 (Fröhlich M. & A.)

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Summary

“Tackle the type” deals with processes of development and redesign of architectural typologies, and addresses the theme critically under today’s contemporary condition. Based on the analysis of a specific building typology, independent projects are to be developed at a specific location.

Content

The studio’s approach recognizes typology as the science of specific orders, classifications, uses and forms of building types. It understands typology as a process of type formation. While the thesis of the slow evolution of types was long considered important, today building fabric and ideas of use collide against each other. Therefore, the process of type formation is less comparable to an evolutionary optimization process than to a reinterpretation of the existing. Approaches such as those of Jean-Nicolas-Louis Durand, Le Corbusier, Walter Gropius, Aldo Rossi just as much as those of Rafael Moneo will guide our research and be compared with the demands of our contemporary society. The medialization of everyday life, the densification of cities and the necessity of building within existing structures is leading to a new, expanded process of type formation, with which the question of typology will be discussed on a new conceptual level.

This year the studio is dedicated to the typology of stadium buildings. Based on a general analysis of this type, the first semester will be focused on the transformation of the Olympic stadium of La Pontaise in Lausanne. By replacing the previous use, the spatial-organizational principle of the building will be compared with new possible uses and its sustainable interaction with the framework of the urban context will be examined.

While the project in the first semester will deal with the complexity of spatial organization and program at an urban scale, we will transfer the same issues to a full-size space during the second semester. Working with selected elements of the building, the result will be a 1:1 pavilion.

Keywords

Typology and Adaptation - Tradition and Modernity - Image and Reference - Complexity and Logistics - Large Scale and Small Scale - Location and Context - Material and Atmosphere - Object and Ensemble - Use and Reuse - Prototype and Full-Size Model - Sustainability and Craftsmanship

Learning Outcomes

By the end of the course, the student must be able to:

• analyse a site, its context and a given/ existing building structure.

Remarque

Inscription faite par la section
• research and apply different adequate typologies.
• develop independently a consistent architectural project.
• explain a design concept and its theoretical framework.
• Analyze a site, its context and an existing building structure.
• Generate and integrate new functions; compare, research and apply different adequate typologies.
• Create spatial and tactile atmospheres.
• Develop independently a consistent architectural project.
• Explain a design concept and its theoretical framework.
• Present a project in an adequate and clear manner using various means of presentation.

Teaching methods
Group work, individual work, lectures, studio work, round table discussions, study trip, intermediate review and final review with guest critics.

Expected student activities
Studio work, team work, participation in various pedagogic activities, analysis of the site, development of a program, presentation of the project by means of drawings, visualizations, oral presentations and models ranging from 1:1000 to 1:1 scale, practical and manual skills.

Assessment methods
Evolution of the project through studio work, table critics, participation in pedagogic activities (40%), presentations (30%), juries (30%).

Supervision
Office hours: Yes
Assistants: Yes
Atelier hours:
Monday 8:30 - 19:30
Tuesday 8:30 - 13:00
Office hours:
Tuesday 13:30 - 14:00
Assistants:
Tiago P. Borges
Vanessa Pointet

Resources
Websites
• http://east.epfl.ch