

Universidad de Chile Cultural Center



The goal of this project was the design of a 13,000 square meters cultural complex, composed of a series of differentiated programming and spatial units, joint by a common surface, defined as a park surface. This is the ordinate element of the project, mediating between the proposed cultural program with the large system of public spaces existing in Santiago downtown. We searched a methodology that allowed us to interact and manage in the most clear way possible the complex net of spatial interactions, which such multi-programming project of this magnitude has, avoiding later complications that are imposed by the premature agreement with a preset form. At this very point, the need to use in a complementary and systematic way Autocad and **form•Z**, was clearly evident.

We can say that the great advantage of digital modeling was the versatility with which we could experiment in an intensive way, during the whole development of the project, the several aspects involving space. Among them we can highlight the study of the basic volumes, the allocation of more appropriate mixed uses in a specific area, matters of proportion, artificial and natural illumination, circulation, structure, and materiality. Hence the use of digital tools was not limited to the presentation of a finished project. They were explicitly used for architectural exploitations during the design process.

Reasons for the nomination:

This project aims at developing an innovative methodology of design through an intensive feedback between 2D and 3D diagrams, emphasizing a heuristic of the process rather than the final architectural object. **form•Z** offers all the tools for experimenting with the spatial, programmatic, and material issues in a generative way.

URBAN AND LANDSCAPE DESIGN

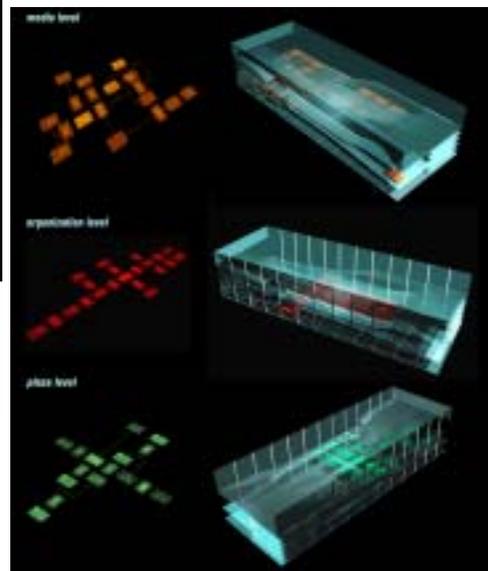
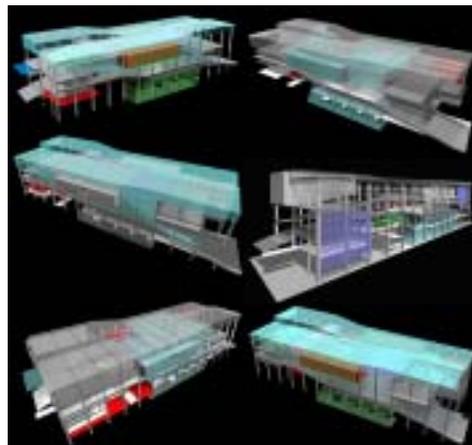
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6th year, Thesis

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Jury Comments:

A striking feature of the submissions is that most are essentially architectural problems. This entails the minor disappointment of not seeing someone treating the scales of urban and landscape design. It is in this respect of scale (and complexity) that this project fared best among the submitted projects. - *Alexander Koutamantis*