

POLYTECHNIC OF TORINO
FACULTY OF ARCHITECTURE 2
Degree in Architecture
Honors theses

A new library for Ivrea, Italy

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My thesis has its origins in my desire to dower Ivrea with a new modern , polyvalent library , which could perform to a public library's duty and attract a major number of users too offering new indispensable services.

It's a long time that we hear about the idea of inserting into the civic library "C.Nigra" services as a ludoteque and a phonotheque .But these have not yet been integrated to traditional services , maybe because of the shortage of funds and space.

In the beginning , I have studied library's evolution as institution and I have analysed bibliographic heritage , dimensions and special services offered by Ivrea's civic library. Then I have chosen a place which pleased the necessity of centrality and easy accessibility .My choice has gone towards an area near the historic centre ,well-served by public transports ; it is an eclectic space , characterized by some elements from different historical periods which make it very interesting.

My purpose is to realize a building which , for its architectural formal and cultural contents, can valorize an area worthy of more attention for its position and peculiarity, instead of its actual status of public parking area , visibly degraded.

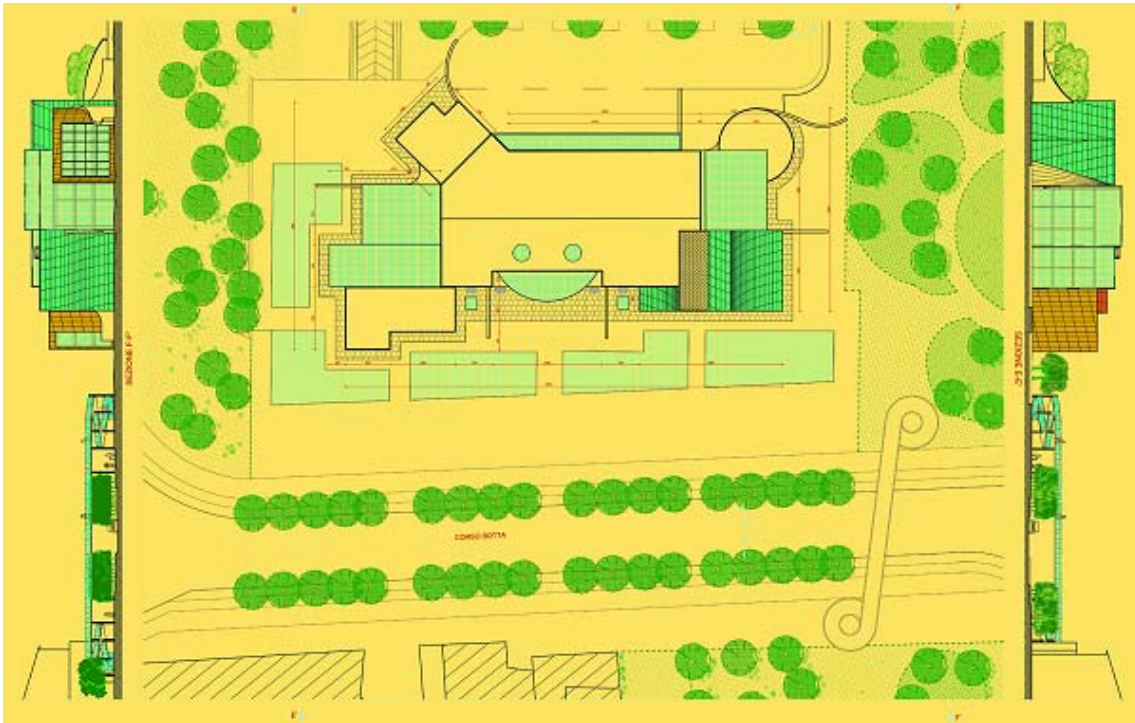
I have searched for an architectural type through the collection and comparison of recent libraries. Foreign models show that it is necessary to create a new kind of building because functions and space arrangement are so different from those of traditional libraries.

Library's dimension arise from my desire to realize a structure which can answer to the potential request of hundred of users each day; able to hold thousands of works into open shelves with free access. I would like to fit out their consultation on line and to provide a great space for deposit and complementary services.

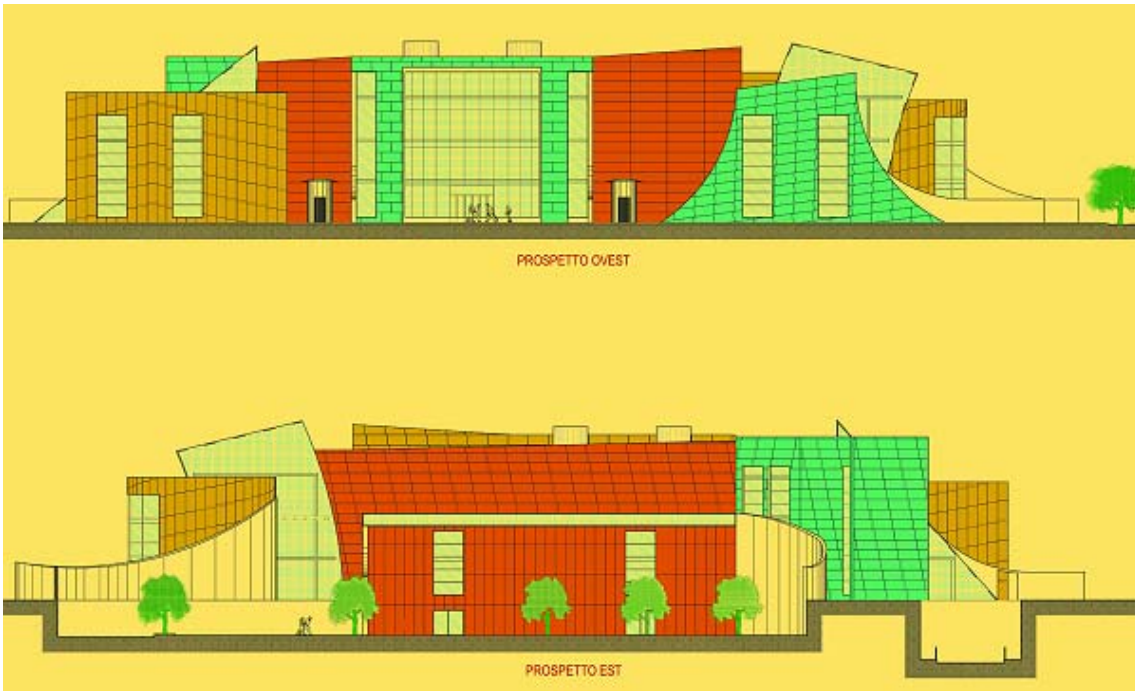
As it is a public building intended for a great deal of people, we should pay attention to durability and maintenance of equipments and materials implied. From that it arose the desire to create an involving variety of passages which have as scenery a great technological structure.

I would like to place side by side traditional library and new technologies. Now and more over in the future , a lot of works can be consulted on line connecting to digital data base. My idea is to connect the new library to the existing librarian context in Canavese and to the complex librarian system in Turin , planning arrangements and full-test exchanges with the activation of easy services.

Library is located in a big park connected to the biggest public park in the city by means of a pedestrian foot-bridge.



The building is composed by coloured and curved elements, which goes towards principal directions, covered by various materials (structural glass and metal slab). The elements have different shapes, highness, materials, colours and extension. Central block structure, starting from the basement, is made in reinforced concrete and metallic elements, just as different form elements which part from the corners; the four elements on the three main sides are built in structural glass and metallic main structure.





Building main entrance, completely made of glass, faces on water mirrors enclosed by block paving up to the sidewalk. It is two meters wide paved in stone material. Four elevators come from parking floor: two of them are located near main entrance, the other two let users reach directly the centre of the park, a urban space for the community. Visitors are welcomed by the big hall with its high and large skylight which let them orientate easily, individualizing the standing above departments facing on the entrance hall.

Light falling from above, spreading in the ground floor and in the other floors, creates an efficacious diffraction effect of the external lightness. It underlines the choice of centrality given to an irregular volume.

Entrance hall on the ground floor is interrupted in the centre where we can find orientation and information services for users; this is located between two elevators. Library organization is composed by four floors connected one another by means of a balcony with metal and steel parapet. It works as entrance landing to the two central elevators and the two stairs near main front.

The sculptural volume of the external body is covered by metallic slabs made in zinc-copper-titanium alloy. They are painted with dust products, which give them high resistance lacquering in the three colours : gold , green and orange.

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