Sofia, 17-20 May 2015

Massimo Pica Ciamarra



My presentation avails itself of images – as is necessary in architecture – but relates them to "but relates"

ples" which are constantly investigated and developed. For me the the "bracing of form" is more pregnar xpressive languages which time by time are adopted. I mean what in each occasion is something underlying d, something which can be reached through participatory processes, through logical constructions which

g to the individual sphere.

The question of language, style, expression, is highly independent and comparatively autonomous. That

rojects I shall present do not have a unitary figurative matrix, are stylistically coherent: but they are linke

er by a deep unit of purposes and thought. As some critic observed, from the early '60s to date, they have

ed fashions: they avail themselves of thin underlying themes. The first one is considering each project as pa ent of the environment, of the landscape and of the different layers of memory characterizing any place: I

projects indulging to their own autonomy. Reading the context (not only the physical one, then contexts) leads to understand its deep structu

ver the central roles -at different scale- characterizing it, to decode its hierarchies, to interpret its connections

ple building weaves this net of central roles and connections, and links its internal logic to this net, by cha ometimes even by upsetting its structures. That is why it is necessary to distinguish between "building mat

h in their place in space follow the rules of Euclidean geometry) and the "materials of architecture" (based, i ary, on topological principles). That is why it is necessary to think of the connection between the "immersion ne "internal logic" which defines a project, recognizing the prevalence of the former.

A structured text synthesizes this issue: "Fragments/Symbioses" in n° 0/2006 of "Le Carré Bleu,

nationale d'architecture". Since the '50s I have been attracted by the cultural climate of the CB, born at the end of CIAM with roots

s and research works of Team X and for which I have been responsible for a decade. On this basis, I shall discuss five works, linking each of them to other experiences.

mbly of the International Academy of Architecture.

I thank Mr. Stoilov for his invitation to present a selection of my projects of architecture in the XII G

Sofia, 17-20 May 2015

1.

The first group concerns three complexes close to the sea. The Science City in Naples/Bagnoli covers a

stares and includes some 40.000 sq.ms GFA, one fifth of which destroyed by a still recent arson. The p es existent buildings, re-designs other buildings with the restriction of preserving their external shape, de

new ones: it connects the whole to the extraordinary landscape of the Phlegraean Fields and adds new ima e road which still separates the two parts turns into a courtyard, that is from a separation element becomes a

on. The interior of the Museum, with the floor formed by a system of sloping planes, in its development imple rinciple of "Moebius Strip". Access to the complex will be from the sea, through a long peer with facilities

lex is part of an exceptionally interesting environmental and landscape area, absorbed by bringing into it ures" which make the exterior a substantial part of the interior. The Museum of the Human Body, the only pa

ticularly binding regulatory restrictions and which appears with a long bending and sloping shape, is currentl letion. I connect the Science City of Naples with two projects proposed, but defeated, in international contests: the Genova – Ponte Parodi" (2000), basically a new urban square enveloped by submarine spaces and vo

uter; and the one for the new Guggenheim Museum in Helsinki (2014) where, more than a building, the es connecting with the exterior and those crossing the interior have been designed.

nting any predefined stereometry, characterized by the great "Aeolian Harps" whose sound is operated

2.

The second group concerns buildings crossed by urban courses. The Multipurpose Complex of ersity of Calabria in Arcavacata is a system of spaces distributed around two level open courses, either ou loors, which interlace defining patios, squares and meeting areas. The courses easily reach roofs, which

e used as places for different types of outdoors activities. The Departments of Pharmacy of the University of Messina are in an area characterized by a great differe a wide course, above and below terraced lecture halls of different size, crosses diagonally the whole building

reet downstream to the one upstream, reaches the equipped roofing: continuously connected to the ground velopment, it represents a sequence of meeting points.

The Faculty of Medicine and Surgery in Caserta, currently in progress – over 100,000 sg.ms of built surface d on the main pedestrian pathway (the "Galleria della Centuriatio") and on orthogonal courses, with the ss at an intermediate level, i.e. barycentric also vertically: every connection is aimed at maximizing easy rel

3.

The third group includes the Library of the University of Salerno which also has a vertical barycentric a s characterized by the aggregation of parts identifiable by form and different materials, arranged aro evel central nucleus. The internal spaces house a network of centers of different importance, of places for is

ies, of spaces which can be crossed and are differently characterized.

een the different parts of the large University complex.

The couple of skyscrapers in Naples rests on a multilevel slab designed for community activities and a eason strongly interconnected in space. Here too the main access is at an intermediate level.

The House in Posillipo includes various living units, all different from one another, each of them with it

es from the compact space of the small common court where they converge and from where you can so coarency of the individual units in the buildings resting on the particular morphology of the place.

4.

The fourth group concerns works characterized by energy/environment experimentation. It is the case of the case of

es for the different activities of the complex develop in the interior aiming to convey feelings of great freedo

reing. The tree, in the central space close to a small pool, has a role of "sentinel": its conditions immediately atural ventilation systems do not fully comply in time with the forecasts of the project.

The Teuco/Guzzini Headoffice in Recanati is a small building which avails itself of a natural ventilation fav

e particular distribution of the internal spaces and by the difference in temperature between the Northern from a thin water veil flows, in constant evaporation) and the Southern front with a "Trombe wall" and the constant evaporation and the southern front with a "Trombe wall" and the constant evaporation and the southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation and the southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front evaporation are southern front with a "Trombe wall" and the constant evaporation are southern front evaporation are southern evaporation are southern front evaporation are southern front evaporation e

juration on the principle of the apse. Vertical gardens protect the Eastern and the Western fronts differe

ner and winter.

In the proposal for the contest for the Padiglione Italia at Expo 2015 arranged for a future conversion in the of research, four "wind towers" - based on the sophisticated systems of natural ventilation and condition in vertical courses and all the systems: since they are four structural nuclei they are also the matter cross ar forces. The coincidence between the three internal continuities of each building (the circulation of peo

and of sigma forces) increases the flexibility and the availability to transform in time.

5.

The fifth and last group concerns the urban scale: here the constant link between Architecture and ing – which is typical of all my activity – is particularly outstanding. The building of the **Institute for Engines**

nal Research Council and the opposite Square are two different but closely integrated projects. The base the first of the energy/environment experiments: it is based on water and sun. It is made to have

opments and new connections, both at its back, and in the opposite area. The South front follows the princ

ose, it is self-shaded in summer and captures the sun in winter. It ends on the top by a great gutter which c

in water falling on the roofing and is characterized by big water tanks. An atomized water fountain provides caporation.

Within a large free space of over 5 hectares, the Square (a little more than 1 hectare) is a triangular ed by three vertexes – the Tower of Memory, the Tower of Time and Fluids, the Tower of Information – and st

cterized by the network of different textures and materials. The Tower of Time is the greatest sun dial ever bu

n a part of the urban central fabric of Terlizzi and aims to implement a set which does not only secure excepty/environment performances, but above all expresses the search for a different way of living. The Caserta N

is based on a network of "places of social condensation" and on a system of collective hydrogen -fed circula

to implement the "5 minutes city", spatially characterized stressing the tracks of the ancient Roman "Centuria

The urban scale permeates also the project for the transformation of an industrial peripheral decommiss

relation with the two extraordinary architectural monuments listed in the UNESCO sites.

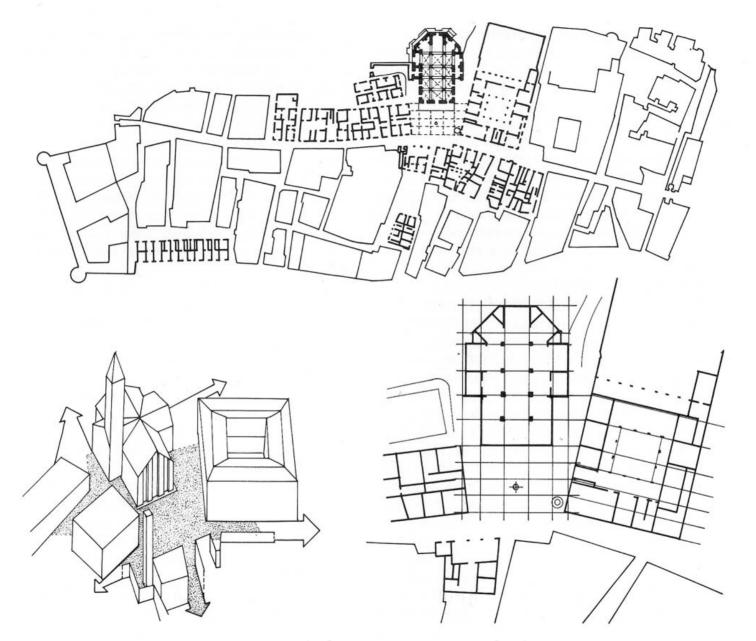
Finally, the project (near completion) for the University of Sannio in Benevento, characterized by a

strian crossing starting from the main reference point of the historical city, passing over three urban stree ecting the historical center to presently marginalized and peripheral areas.

oping the reference principles are also collected.

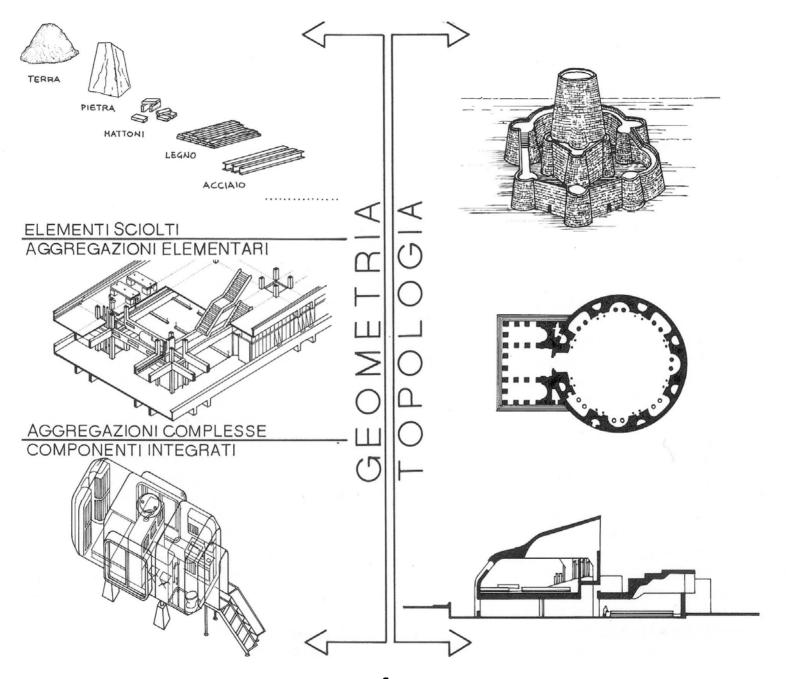
Our research is actually based on a close connection between theory and practice.

A more exhaustive record of these experiences can be found in www.pcaint.eu, where writings motivating



each project as part and fragment of the environment,

of the landscape and of the different layers of memory characterizing any place



building materials / materials of architecture

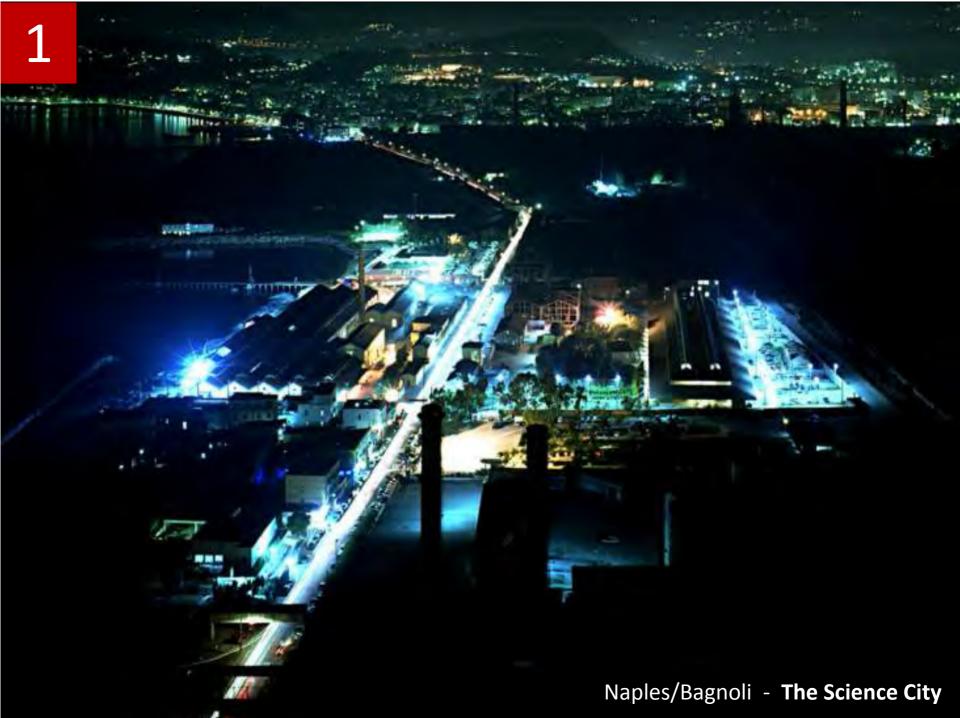
Neutlie internationale d'architecture n° 0/2004 🛭 10

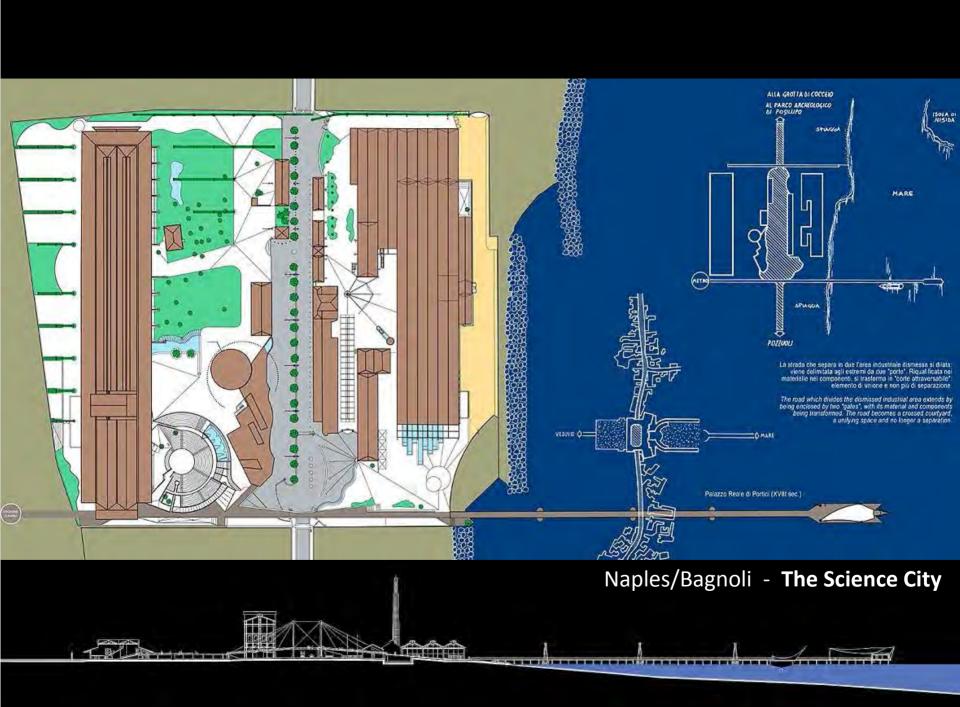
français, engisth, Ifaliano

ENTS SOL

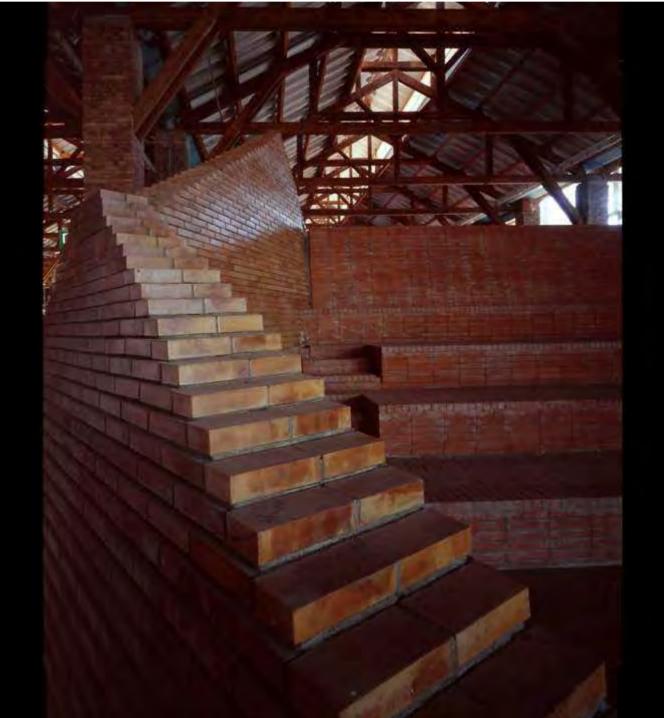
questions

Overtice qui caracterse notre contemporamente? Quels slogans expriment les tensions d'aujoundhu? Quelles visions southement la course vers favenir. Cosa fende a carafferizzare la nostra confemporament? Qual vision? Quel vision sostengono gi afficial enelli verso il futuro? Cosa tende a carafterizzare la nostra contemporament? Qual slogan esprimona le odieme tension? Quali visioni sostengono gi affual amelli verso il futuro?









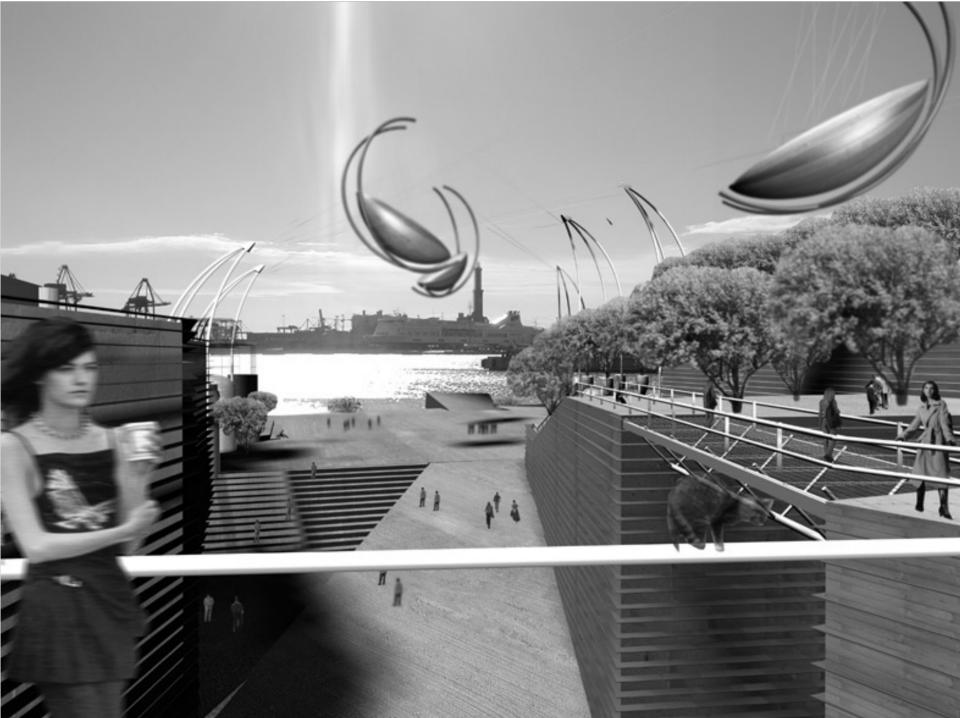






Naples/Bagnoli - CORPOREA Museum of the Human Body











The Multipurpose Complex of the University of Calabria in Arcavacata



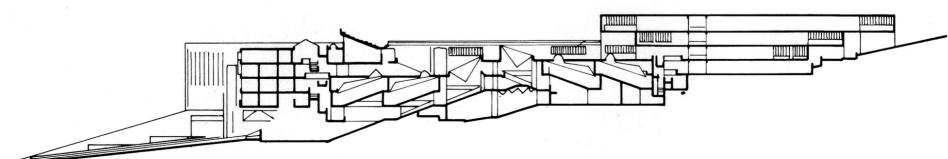








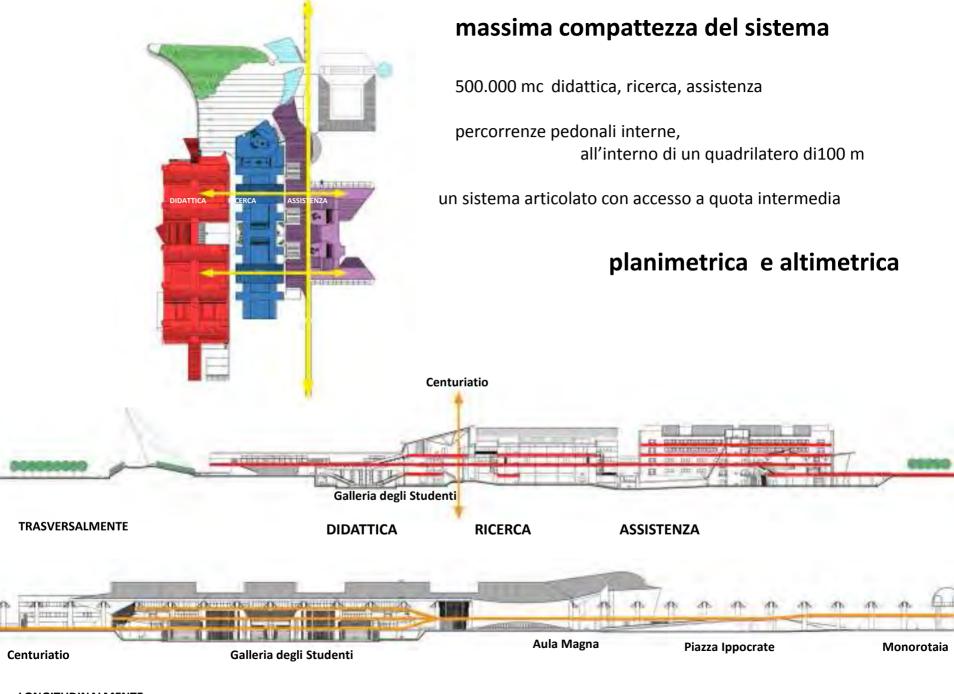




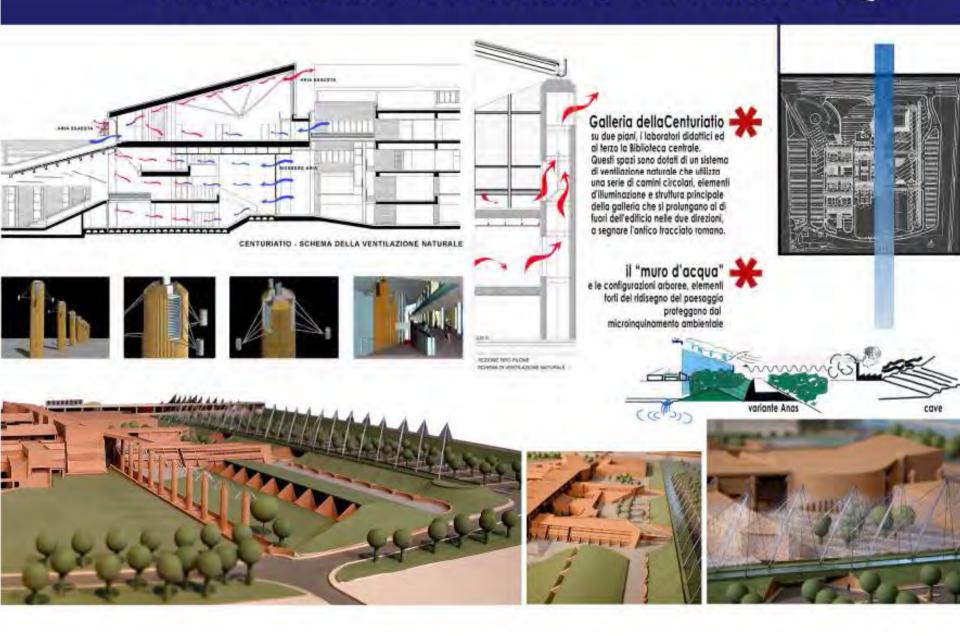
Departments of Pharmacy of the University of Messina

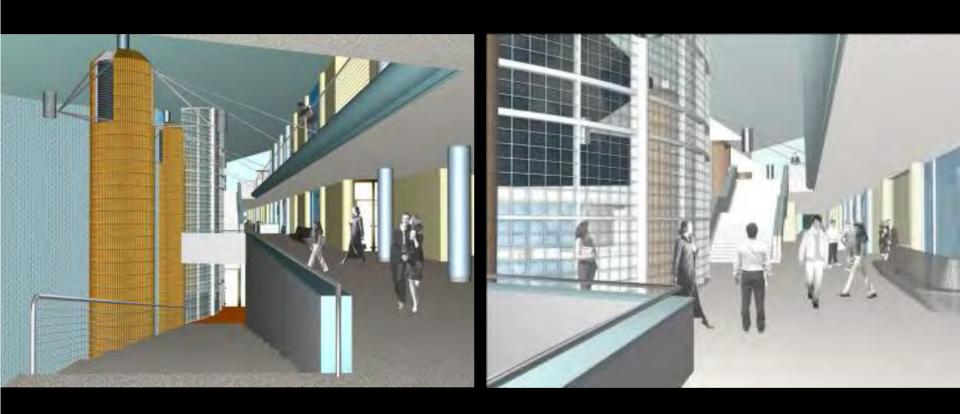


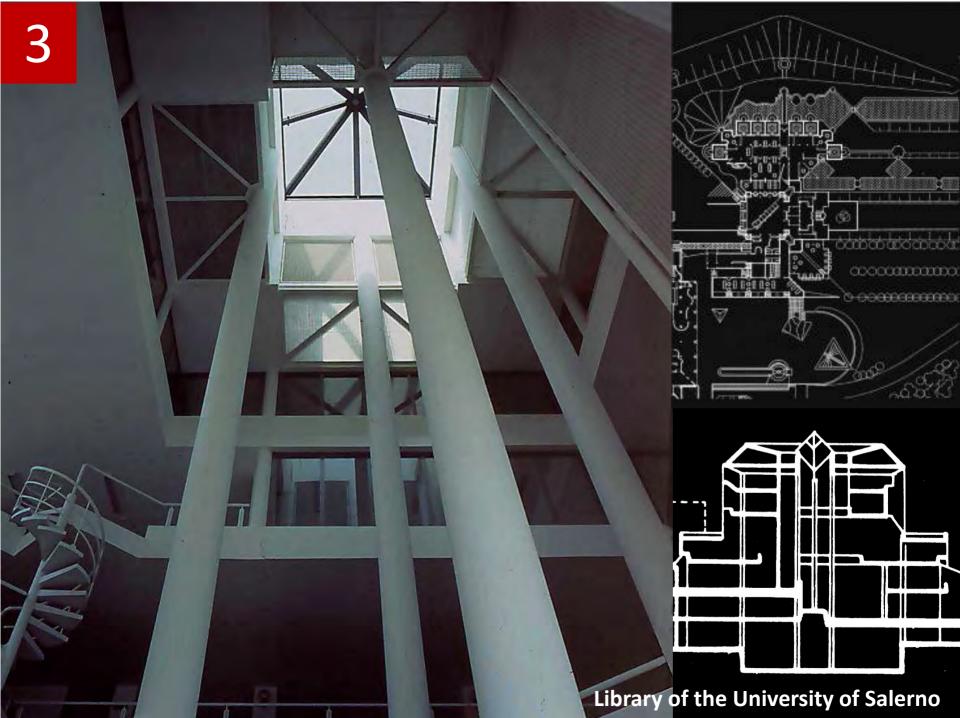




LA GALLERIA DELLA CENTURIATIO E IL MURO D'ACQUA





















CONTENERE IN 665 I MQ.N.U.
- ESPULSIONE DEGLI ASCENSORI
- ARMADIATURE COIBENTI AL PERIMETRO









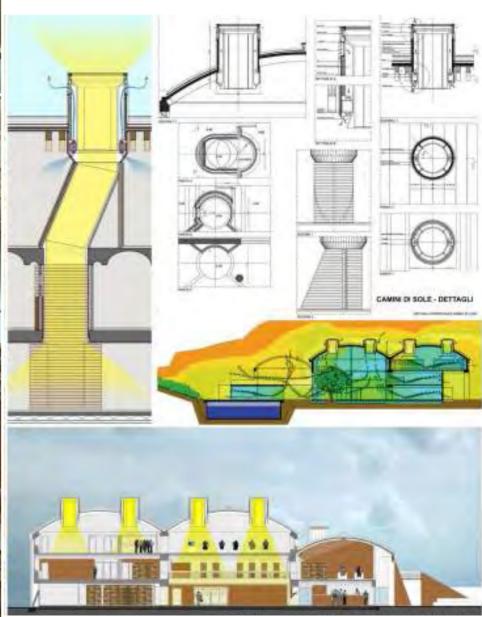


















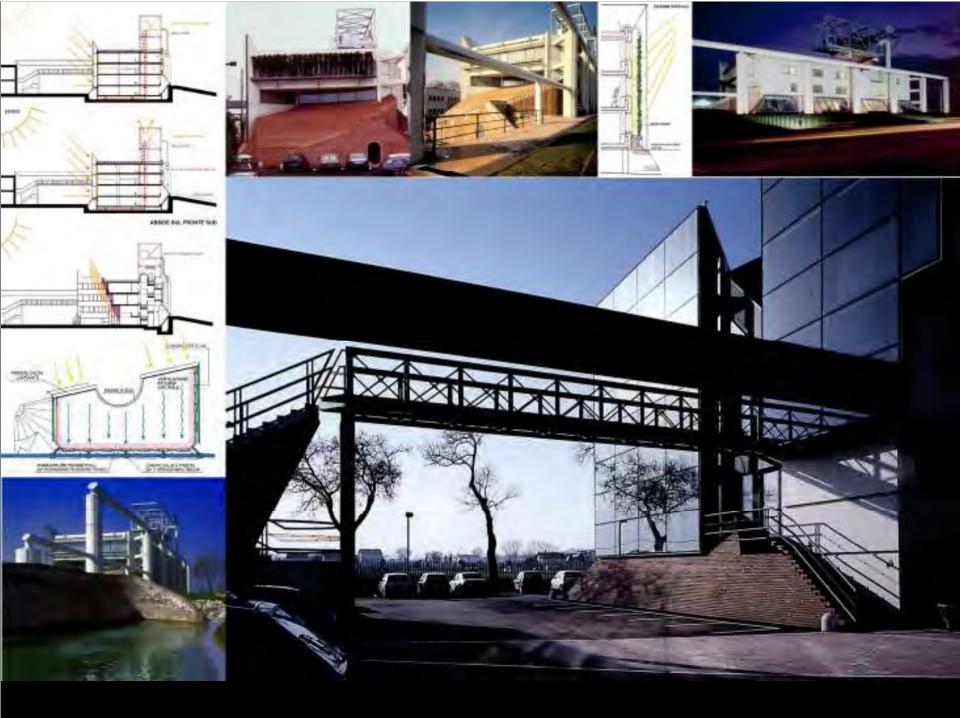


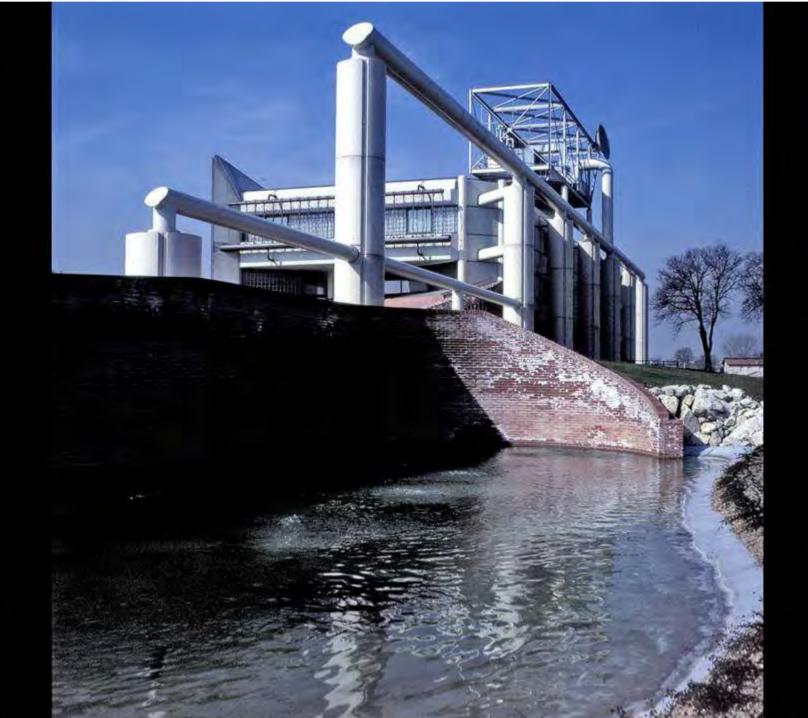


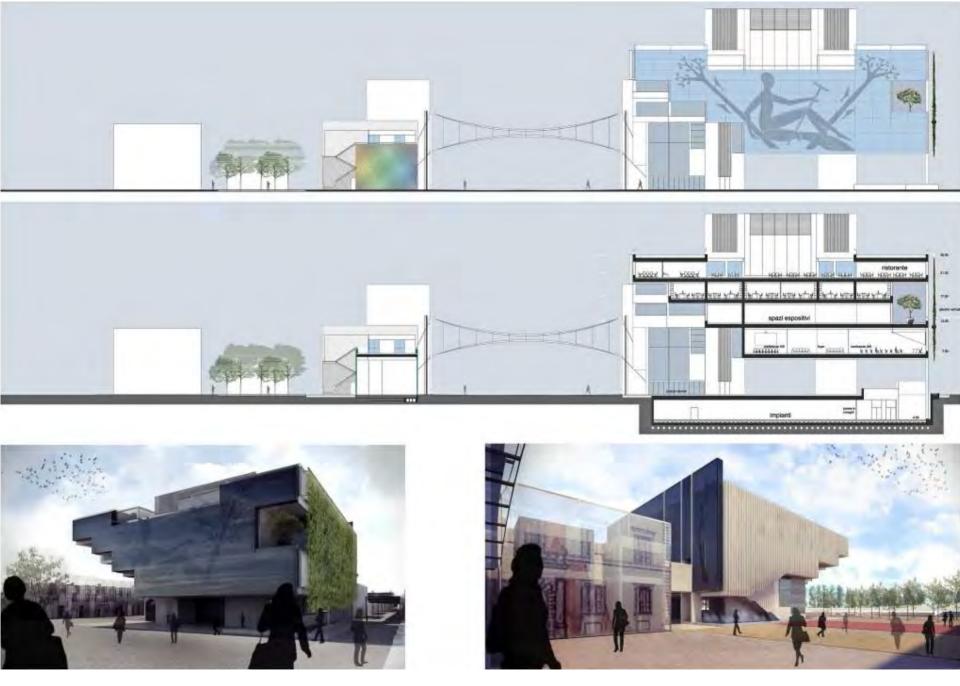




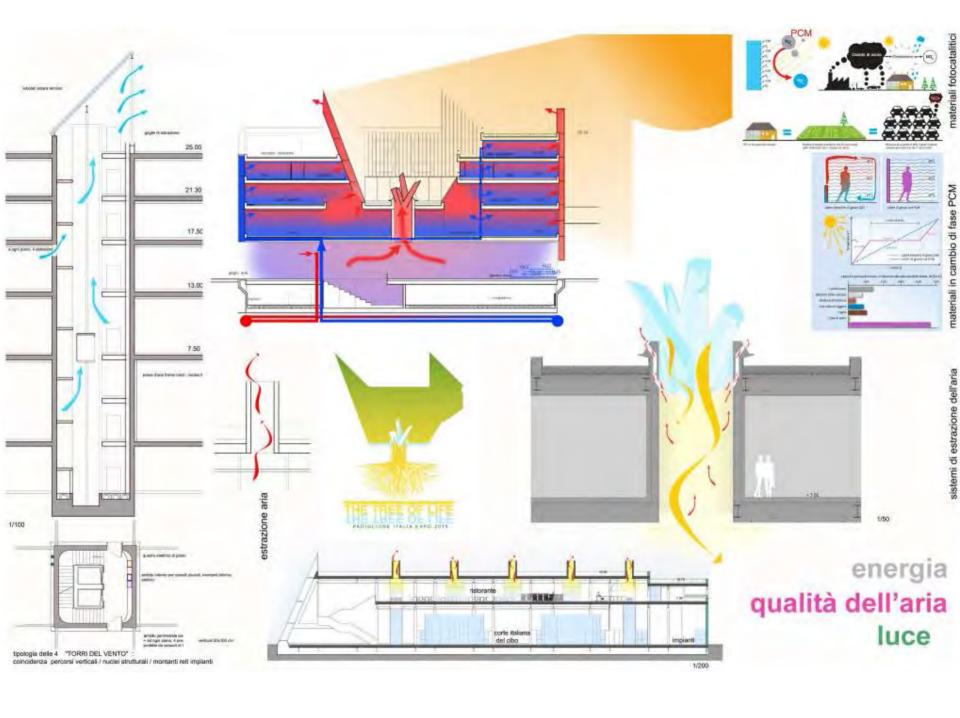
Teuco/Guzzini Headoffice in Recanati







Padiglione Italia at Expo 2015





Institute for Engines of the National Research Council and the opposite Square



