

**CAMPUS & CONTROCAMPUS**  
Architetture per studiare e ricercare  
4 April – 12 September 2016

—  
The theme of the university campus is central to the debate on the future of Milan. It represents a challenge for the new order of the city in its metropolitan dimension, an opportunity for architectural and urban regeneration that can give rise to new, updated, important systems of communal spaces.

**ULTRA / BEYOND CITTÀ STUDI**  
Projects for Politecnico di Milano  
4 April – 7 May 2016

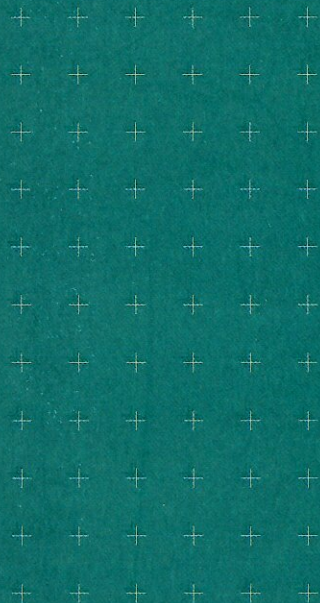
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The exhibition **ULTRA / BEYOND CITTÀ STUDI**, the first of three shows in the Campus & Contr-campus cycle, presents projects and research that offer different perspectives on the future of the Milan campus of the Politecnico: from the Sustainable Campus - in collaboration with the Università degli Studi di Milano - to the recent proposal of Renzo Piano, all the way to the new project for a Research and Innovation center on the campus of Jiaotong University in China; from the results of the MIAW 2016 International Workshop to the projects of the Atmospheres 2016 competition for students. The exhibition thus becomes a large urban laboratory active in the city and for the city, a hotbed of new ideas, actions and strategies.

**XXI Triennale**  
International Exhibition

**Milan 2016**  
2 April – 12 September

**21<sup>st</sup> Century:**  
Design After Design

1



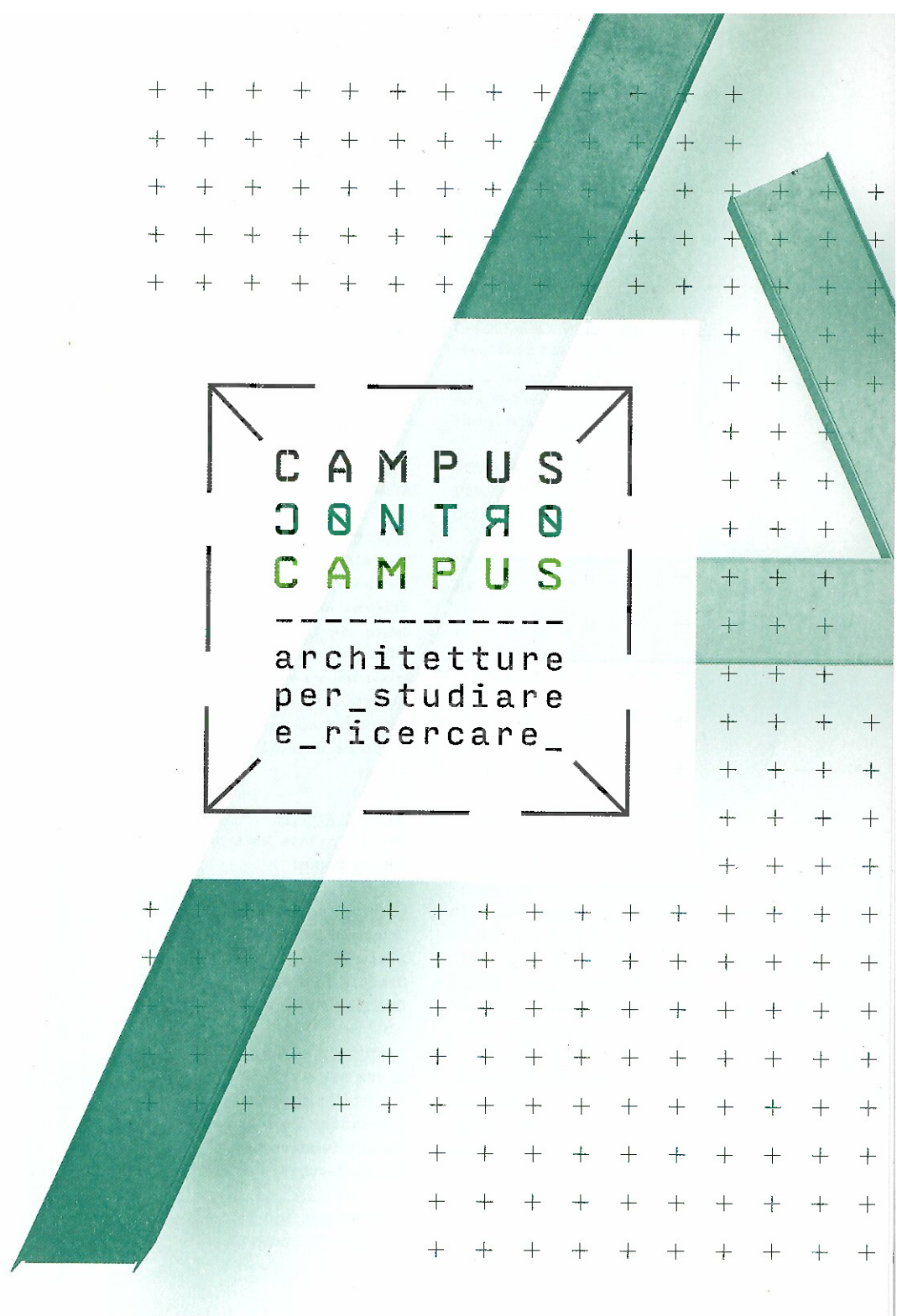
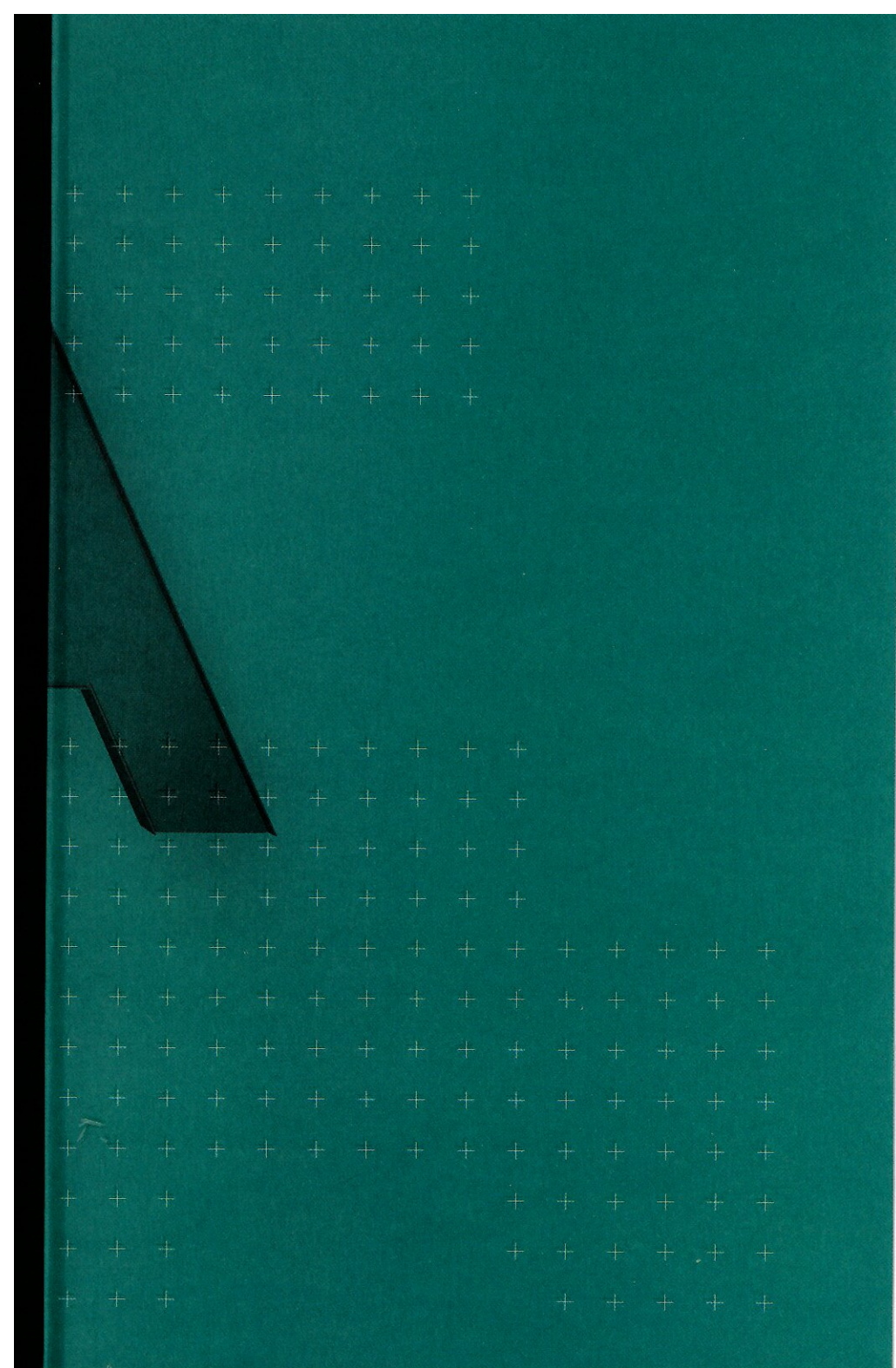
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CAMPUS  
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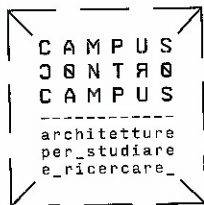
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4 april → 12 september

Spazio Mostre

Scuola di Architettura Urbanistica

Ingegneria delle Costruzioni

Politecnico di Milano

—

In collaboration with Politecnico di Milano

Scuola di Architettura Urbanistica

Ingegneria delle Costruzioni

and Fondazione Politecnico di Milano

Curated by Ilaria Valente

and Marco Biraghi

#### ULTRA / BEYOND CITTÀ STUDI

Projects for Politecnico di Milano

4 April → 7 May 2016

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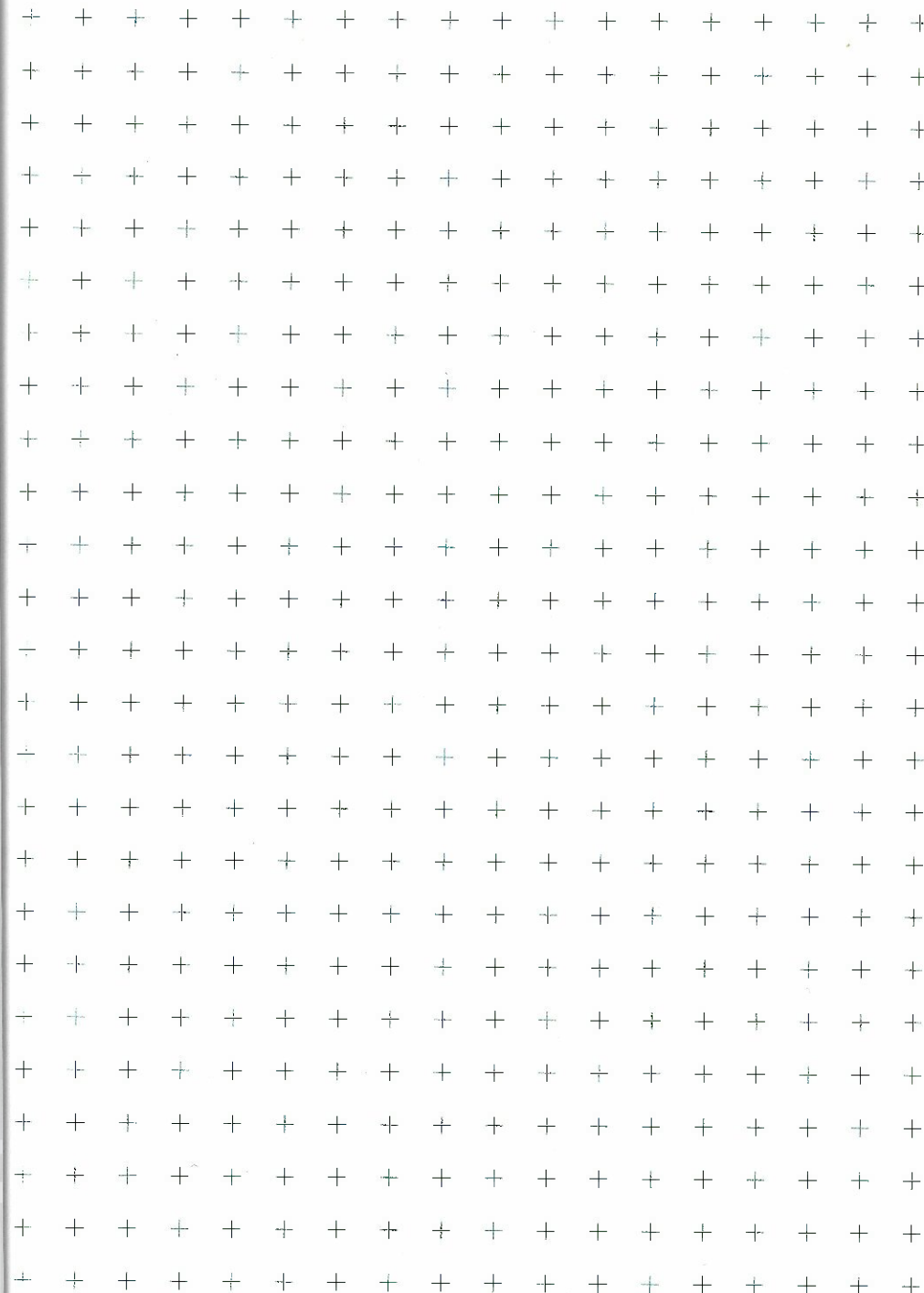
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# 1.6

## JOINT SCHOOL OF DESIGN AND INNOVATION CENTRE

→ XYTU NEW CAMPUS AND XI'AN  
NEW DISTRICT

### Project Leader

Alessandro Balducci *Urban Planning, Department of Architecture and Urban Studies – DASTU*

### Project Team

Remo Dorigati *Architectural design director – DASTU*, Pierluigi Salvadeo *Architectural design – DASTU*, Antonio Longo *Urban design – DASTU*

with Marcello Bondavalli, Nicola Brenna, Chiara Dorigati, Francesco Fuoco, Carlo Alberto Tagliabue, and with (for the first phase of the project): Zhang Ai, Zhang Hankun, Martin Huba, Angelo Pagano, Matteo Piras, Emilia Quattrina, Pier Alessio Rizzardi, Gerardo Sempredon, Cheng Wei Chung

Structural design: FV Progetti – Ing. Filippo Valaperta / Department of Architecture, Built environment and Construction Engineering – ABC Mechanical and Electrical

Systems Design: Paolo Oliaro / Department of Energy – DENG: Ennio Macchi /

Department of Electronics, information and Bioengineering – DEIB: Sergio Pignari /

Department of Mechanical Engineering – DMEC: Maurizio Vedani, Francesco Braghin /

Department of Management Economics and Industrial Engineering – DIG: Giuliano Noci

/ Department Industrial Design of Arts, Communication and Fashion – INDACO: Arturo

Dell'Acqua Bellavitis / School of Architecture, Built environment and Construction

Engineering: Ilaria Valente / School of Design: Luisa Collina

Politecnico di Milano has created a joint venture with Jiaotong University of Xi'an to create a Research and Innovation Building on a university research campus soon to be built, envisioned in the city of Xi'an, the point of arrival and departure on the so-called Silk Road, with the aim of transforming that historical connection into a new Road of Knowledge that fosters relations between Europe and China.

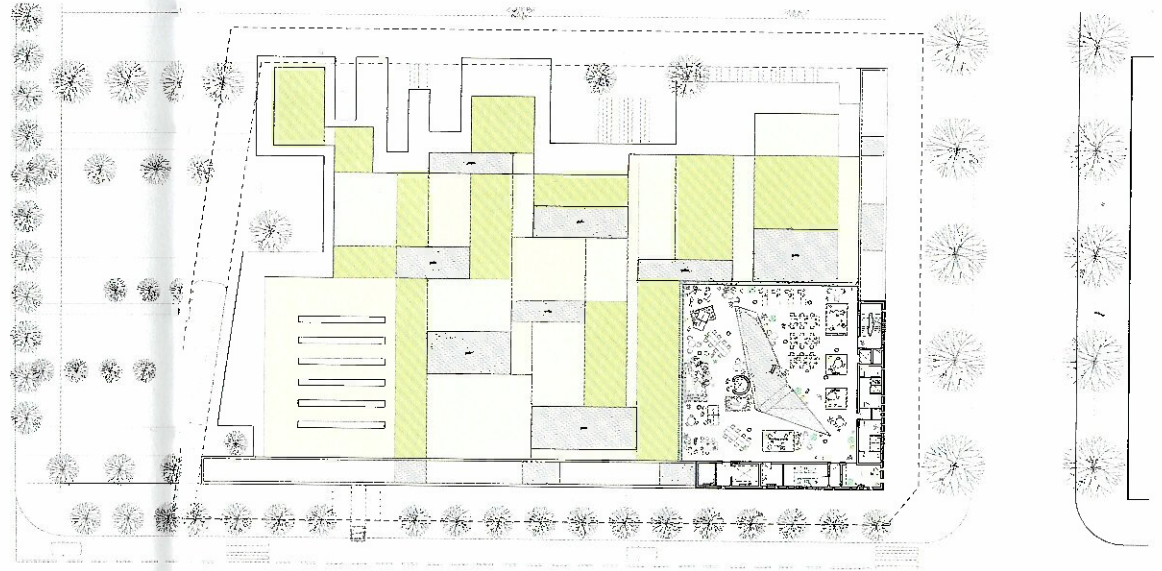
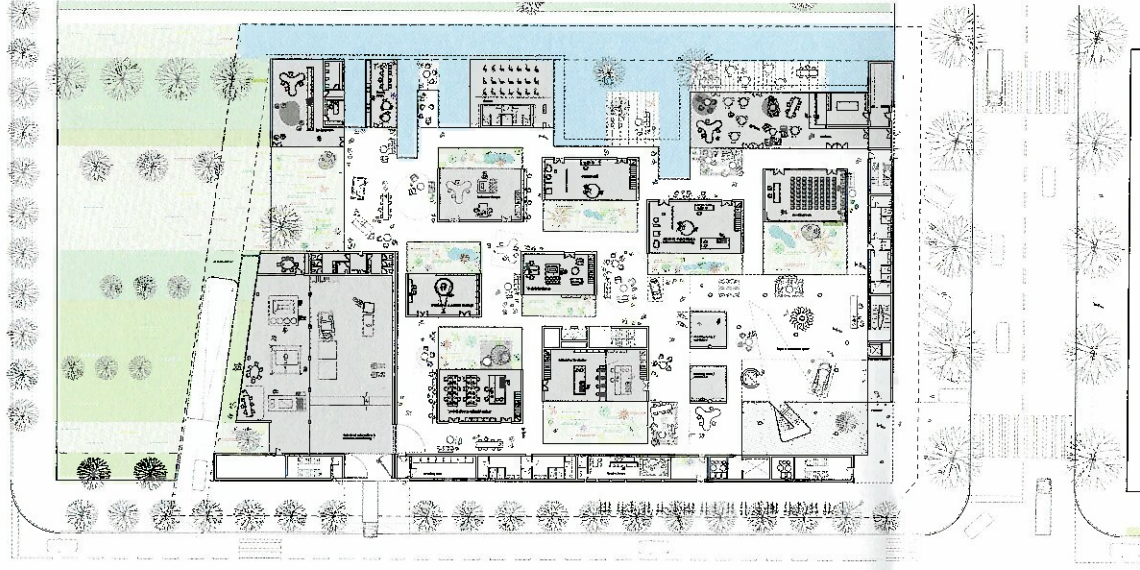
The project is the result of a long process of research and mutual understanding in progress for some time now between the two universities, also taking the form of the proposal made by Politecnico di Milano of an overall master plan for the design of the whole Campus, seen as a new City of Science.

The Research and Innovation Building presented here is approached as a Technological Innovation Harbor, a place for ideas and all possible innovations. It mixes spaces for the activities of start-ups, arranged vertically in a large cubical volume, with spaces for experimental laboratories, with partial loft levels, lit by small internal gardens, extending horizontally and spreading through a vast single-story structure.

The outlook is that of a different idea of work and creativity, performed and enhanced thanks to an abundance of spaces of service and relation inside the building, from the cafe to the restaurant, the fitness spaces to the self-made food zones, the exhibition facilities to the meeting points. But the most characteristic feature of the building is the "trading zone" concept that transforms the circulation areas into places of encounter and work to foster human and scientific exchange: intermediate spaces in which the various sciences and disciplinary fields find a terrain for dialogue, encouraging sharing of information, knowledge and creativity.

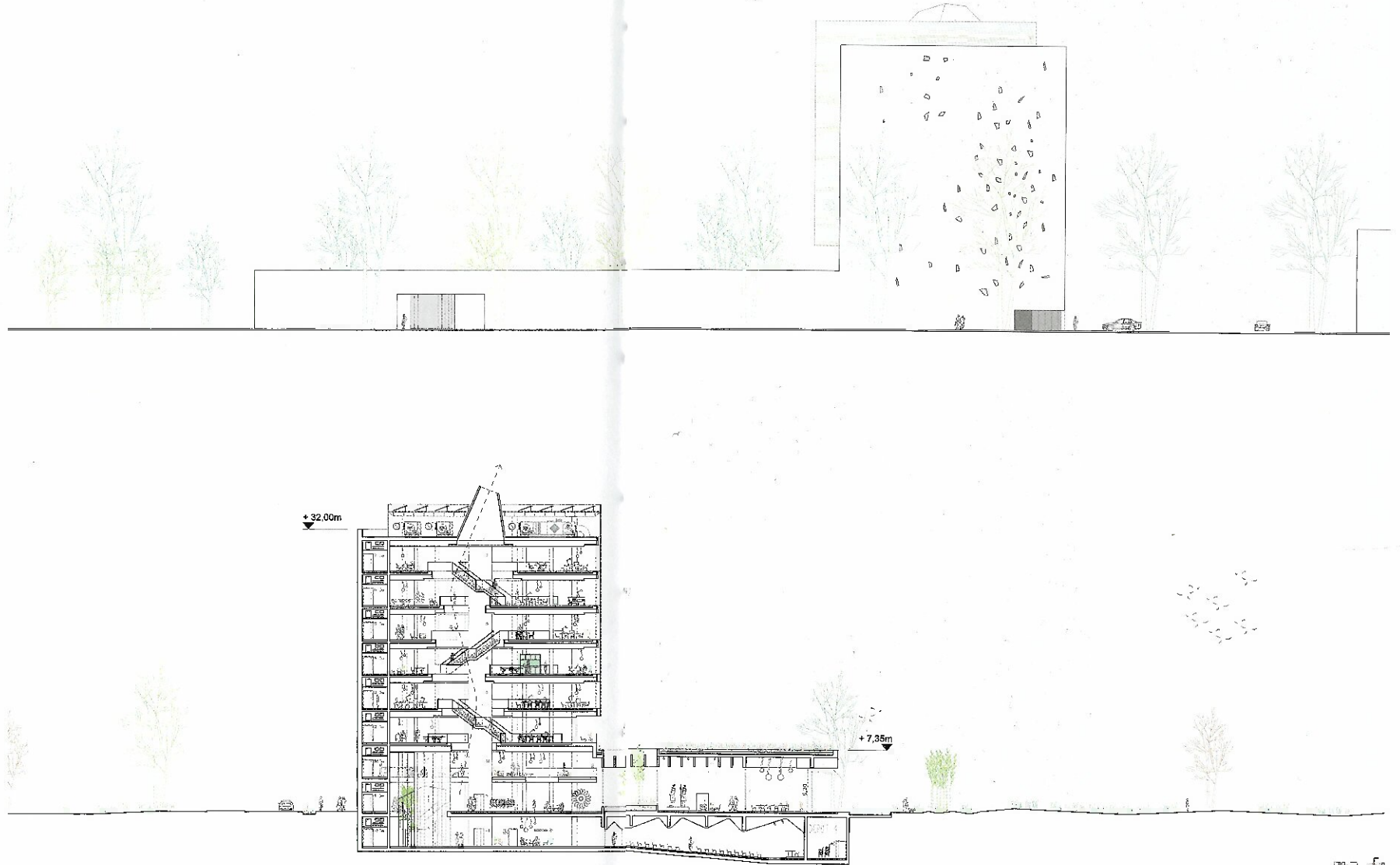


→ Spaces for the activities of start-ups and for experimental laboratories.



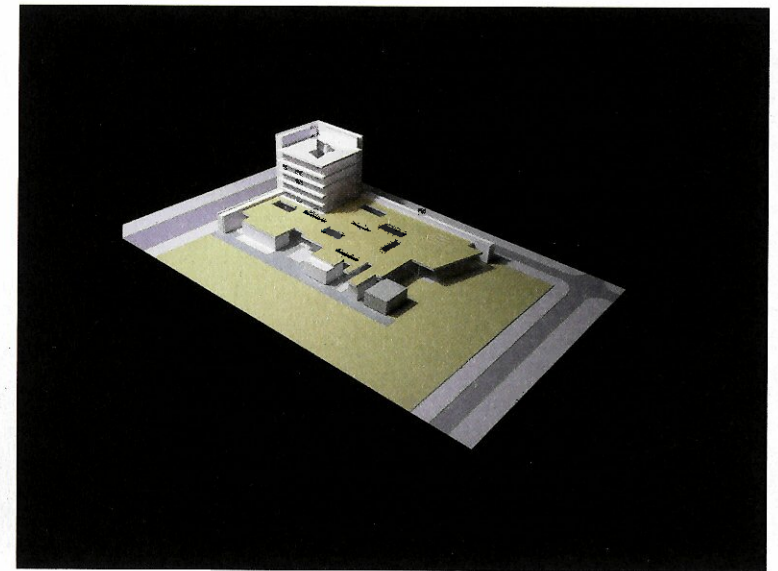
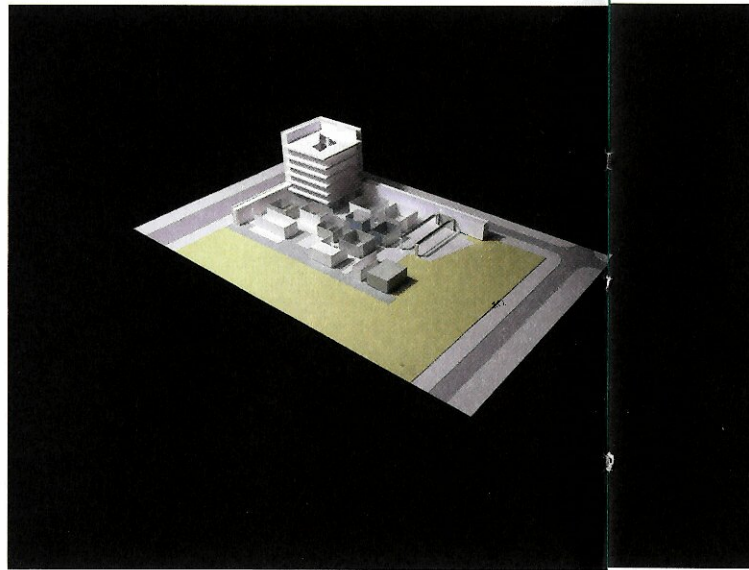
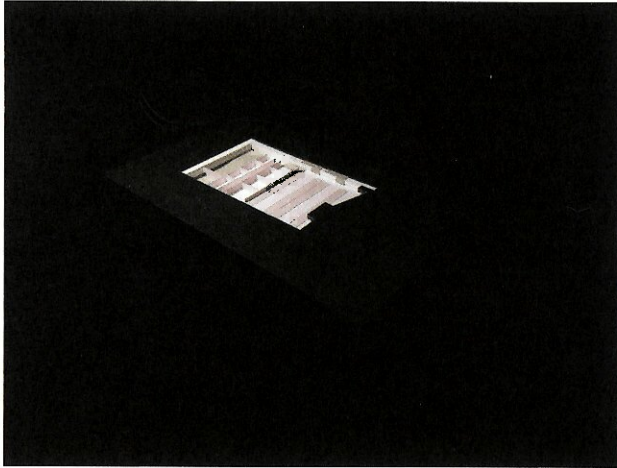


→ Start-up activities are arranged vertically in a large cubical volume.

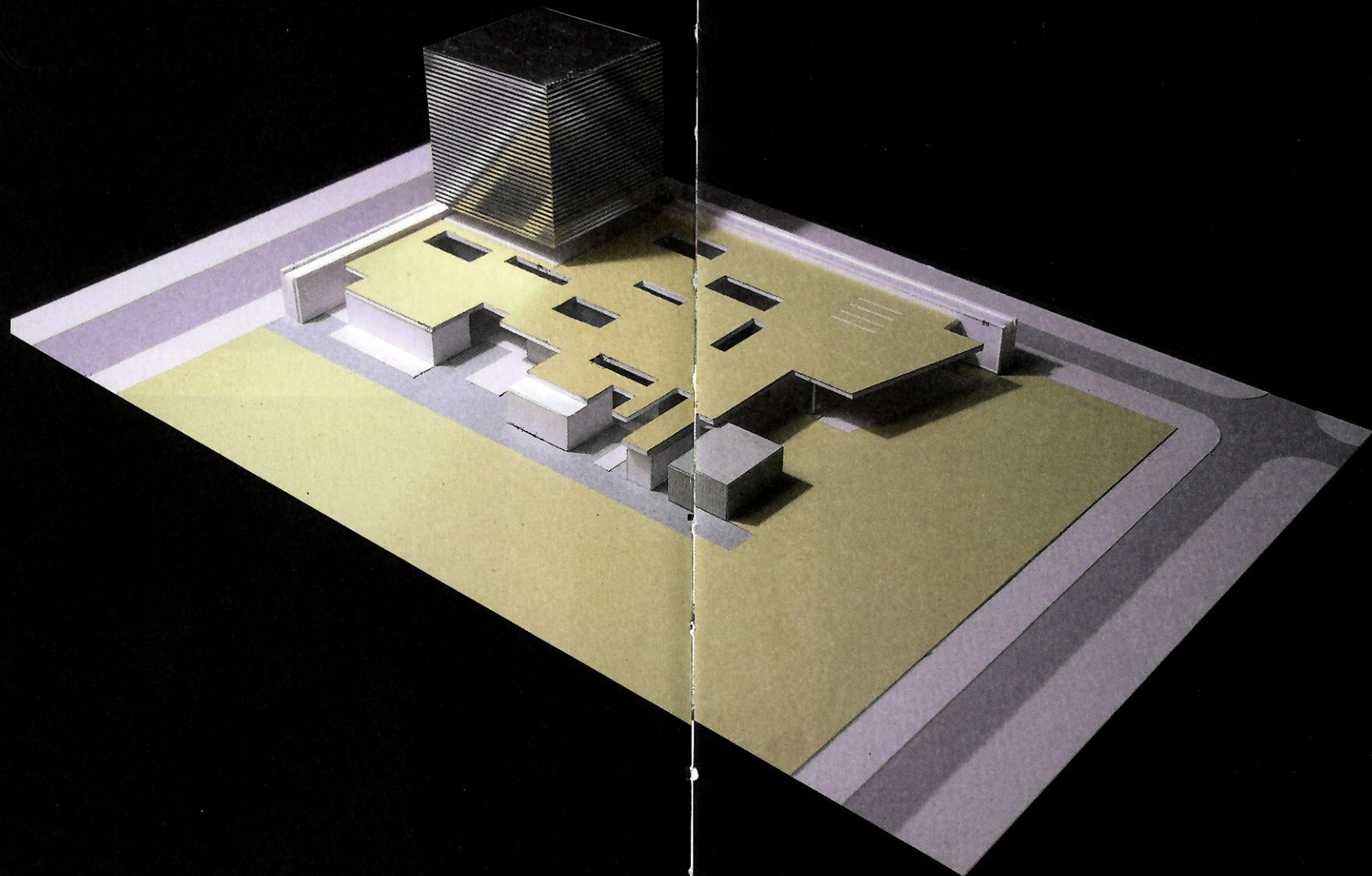




→ Experimental laboratories extend horizontally in a vast single-story structure.

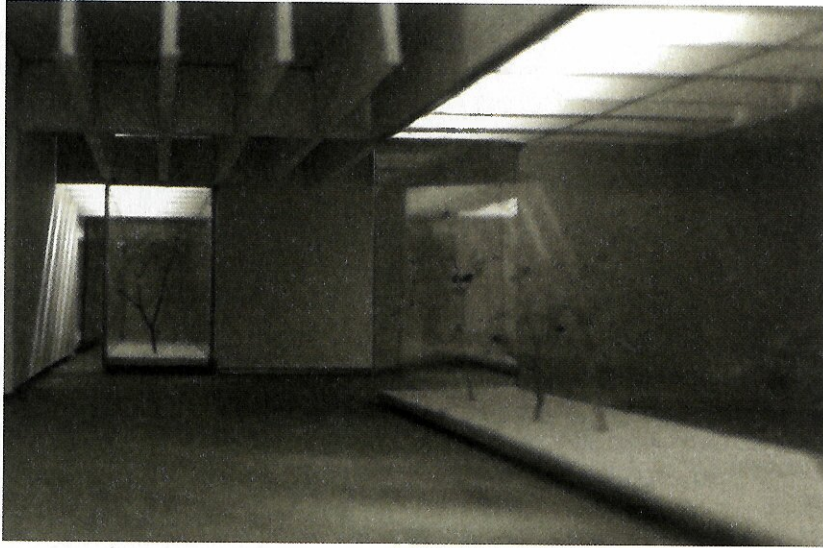




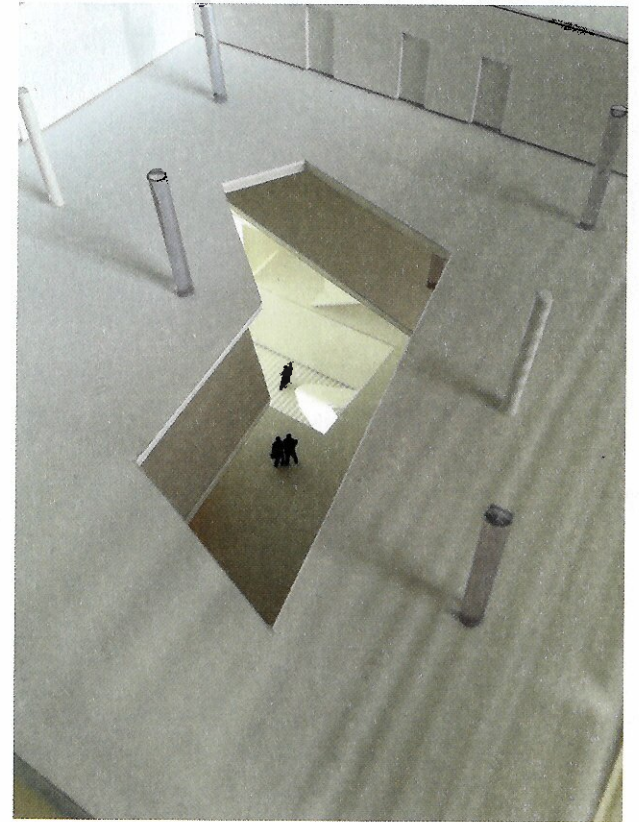


→ Laboratories are lit by small internal gardens.

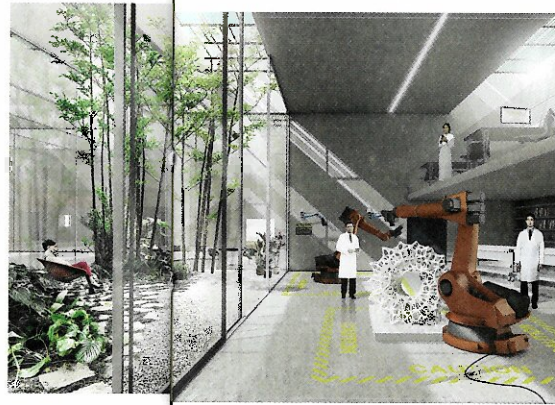




→ Natural light pours from the rooflights.







→ Views of exterior and the trading zone.





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In the previous pages:

Patio and Exhibition Space / School of Architecture Urban Planning Construction Engineering.  
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