

ÉCOLE NATIONALE
SUPÉRIEURE
D'ARCHITECTURE
STRASBOURG

PARTENAIRES
CAUP TONGJI UNIVERSITY
SYSTRA



MOBILITÉS
MÉTROPOLITAINES
INNOVANTES

Promoted by
Innovative Metropolitan Mobility Chair

in partnership with
SASS - Shanghai Academy of Social Sciences

Participating Academic Institutions

ENSA Strasbourg, CAUP-Tongji, ENSA Versailles (IMM Chair members)
School of Architecture and Built Environment - University of Adelaide
Faculty of Geography - University of Strasbourg

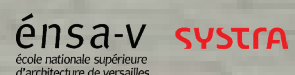
CAUP Tongji / SASS | SHANGHAI | 9 - 14 APRIL 2018

INTERDISCIPLINARY COLLABORATIVE IMM FABLAB

"Shanghai connection" Walking in Shanghai Micro-space reconstruction

SUPERVISORY TEAM:

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ASS. PROF. ANDREI FERARU (ENSAV)



Workshop & FabLab « The Shanghai connection »

April 05 -14, 2018

FABLAB PRESENTATION

IMM Chair FabLabs

Multi-stakeholder intensive work session (bringing together academic, institutional stakeholders - municipalities, industry, private actors) with a variable duration of 2 to 10 days.

Structuring themes: Innovation in mobility / urban planning & design interface; mobility corridors, networks and grids, etc.

Objectives: construction of prospective projects on site, experimentation, multi-stakeholder character and / or operational implementation.

FabLabs are actions usually included in Axis 2 «Research-Action» of the IMM Chair. When they host students, these actions acquire a transversal character, in relation to axis 3 «Education». FabLabs can accommodate students in architecture, urban planning, geography, visual arts, etc.

FabLabs already organized:

Innovative Metropolitan Mobility FabLabs: 4-day inter-stakeholder FabLab (ENSAS-CAUP / Tongji-SYSTRAs): Strasbourg and Shanghai October 2013, Shanghai October 2014, Shanghai March 2015, Nanjing October 2015 (with the participation of the Nanjing City), Shanghai March 2016, Shanghai April 2017.

IMM FabLab « The Shanghai Connection » : 5 days FabLab

ENSAS - CAUP/Tongji - SYSTRAs - University of Adelaide, Australia- Faculty of geography, LIVE, UNISTRA-ENSAV-Shanghai Academy of Social Sciences.

9-14 avril 2018.

THEME:

« WALKING IN SHANGHAI » - MICRO-SPACE RECONSTRUCTION

PROJECTS SITES RECOMMENDED BY THE SHANGHAI PUBLIC SPACE DESIGN PROMOTION CENTER

Objectives: Imagine possible spatial and functional transformations for the spaces situated underneath the elevated road and bridges infrastructure in Shanghai. The sites which will be studied are identified by the local stakeholders and the design proposals should be oriented towards an operational implementation.

Professional expert inputs will be provided by SYSTRAs.

FABLAB PROJECT SITES

SITE #1

Location: Located in Hongqiao Development Zone, close to the new Hongqiao Central Garden.

Scope: The study area is about 500 meters long. The key design area is the entrance square section, which is about 100 meters long and about 40 meters wide.



Current situation and problems: At present, the space under the elevated section of the section is the entrance plaza of the new Hongqiao Central Garden. The net height of the space is about 5 meters. The space is wide but only as a pass-through space. Few people stop for activities. There are auxiliary facilities such as pump rooms, tea rooms, and road classes on both sides of the square, but the utilization rate is low. The west wing of the plaza is a centralized greening area that cannot be accessed by the public; the east wing is a parking lot.

How to effectively use the space under the bridge to strengthen the entrance image of the park, implant suitable functions, and create interesting spatial environments in order to attract and serve neighboring citizens?

FABLAB PROJECT SITES

SITE #2

Location: Metro Line 3, 4 Kaixuan Road (Changning Road - Wuyi Road).

Scope: The study area is about 600 meters long. The focus range is from Changning Road to Anhua Road, about 300 meters long and about 20-30 meters wide.



Current situation and problems: The site is located close to the core area of Zhongshan Park's commercial and office areas. Along the elevated road, there are various types of spaces and functions such as business districts, office buildings, residential areas, and parks. The current functional situation under the elevated road is relatively fragmented, used as a residual space, parking area, and storage.

How to increase access to the existant peripheral activities along the road and use the space under the bridge in order to provide more leisure activities, service facilities, and a more pleasant landscape environment?

FABLAB PROJECT SITES

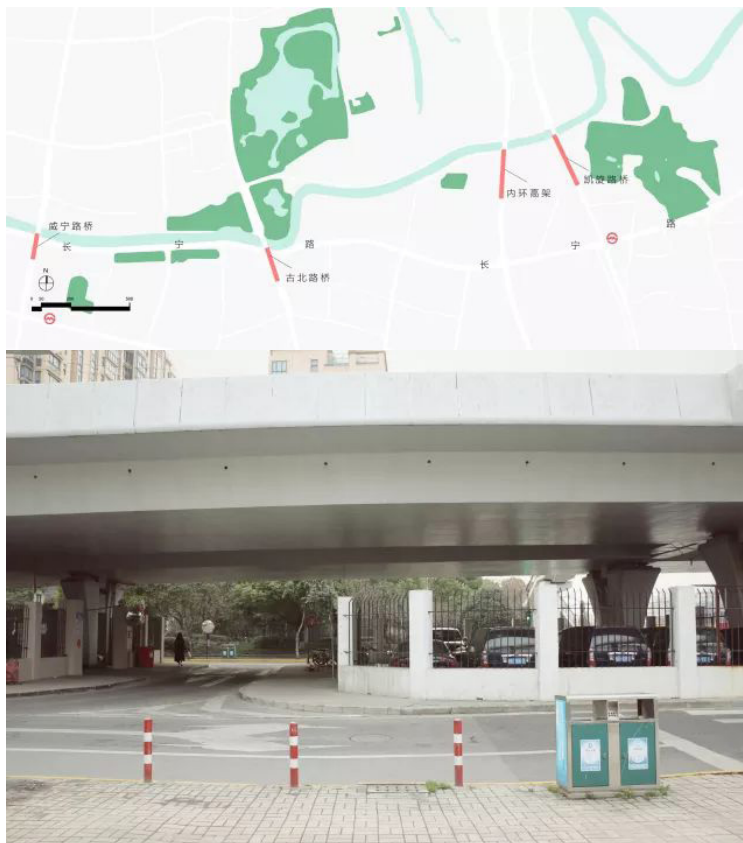
SITE #3

Location: Weiqiao Road Bridge, Gubei Road Bridge, Inner Ring Elevated Bridge, Kaixuan Road Bridge within the Changning District.

Scope: The area of study is about 2.8 kilometers long along the Suzhou Creek. The goal is to define interesting approaches in order to transform the spaces under the bridges.

Four bridges in the Changning District:

- Weining Road Bridge - about 120 meters long, about 30 meters wide;
- Gubei Road Bridge - about 100 meters long, about 30 meters wide;
- The inner ring elevated - about 100 meters long and 50 meters wide;
- Kaixuan Luqiao - aprox. 50 meters long, aprox. 35 meters wide, half-moon open space about 50 meters x 15 meters.



Current situation and problems: Four bridges along the Suzhou River, with residential areas and office parks as the main neighbors. At present, the space under the four bridges is mostly used for auxiliary functions such as parking, storage, and wastelands. Some of the bridges are closed and have not been effectively used.

Focus on two of the four bridges as key design objects, pay attention to both the overall environment of the area and the local surrounding conditions of each bridge. Contextual challenges to be taken into account: the use of the space under the bridge, pedestrian flows, traffic guidance, program features - services and activities.