





















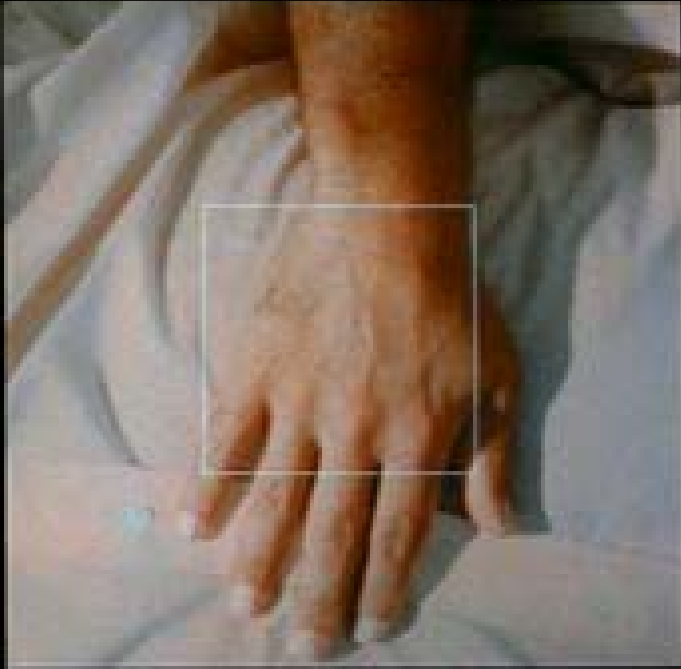
GREENHOUSE

RESIDENTIAL

SKIN COMPONENTS

-  Transparency
-  Green
-  Control of light
-  Air conditioning
-  Heating / Cooling System
-  Solar Panel
-  Water Collection
-  Sensors
-  Piezo Electric
-  Furniture
-  Acoustic Panel
-  Speakers

1 meter



10^0 meters

1 meter



10^0 meters

10 meters



10^1 meters

10,000 meters



10^4 meters

1 millimeter



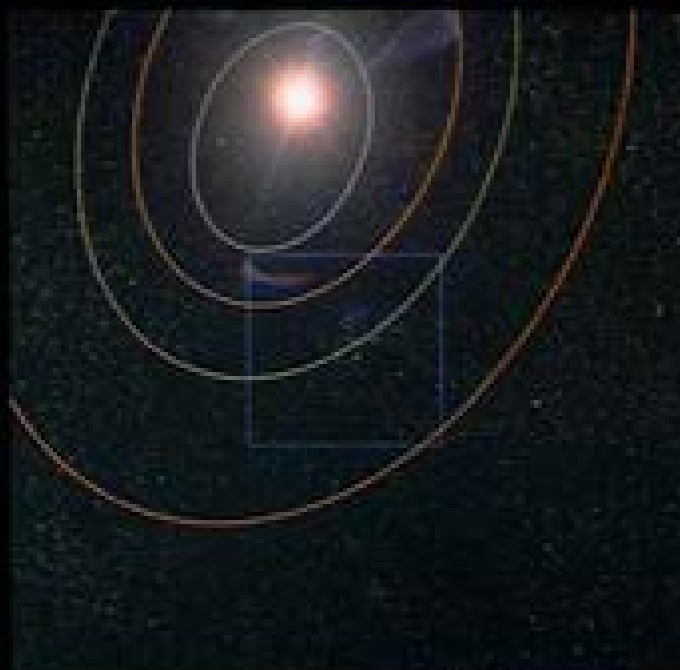
10^{-3} meters

1 micron



10^{-6} meters

100,000 million meters



10^{11} meters

10 million meters



10^7 meters

A futuristic cityscape at night, dominated by a central, tall, dark skyscraper with a glowing vertical line of light. The building is flanked by smaller, angular structures. The ground is covered in a grid of glowing blue lines, creating a sense of depth and perspective. The sky is dark with some light clouds, and the overall color palette is a monochromatic blue and black.

HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

SMALL SCALE

MEDIUM SCALE

LARGE SCALE



HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

SMALL SCALE: SMARTPHONE

MEDIUM SCALE

LARGE SCALE

SOFTlab NOVA

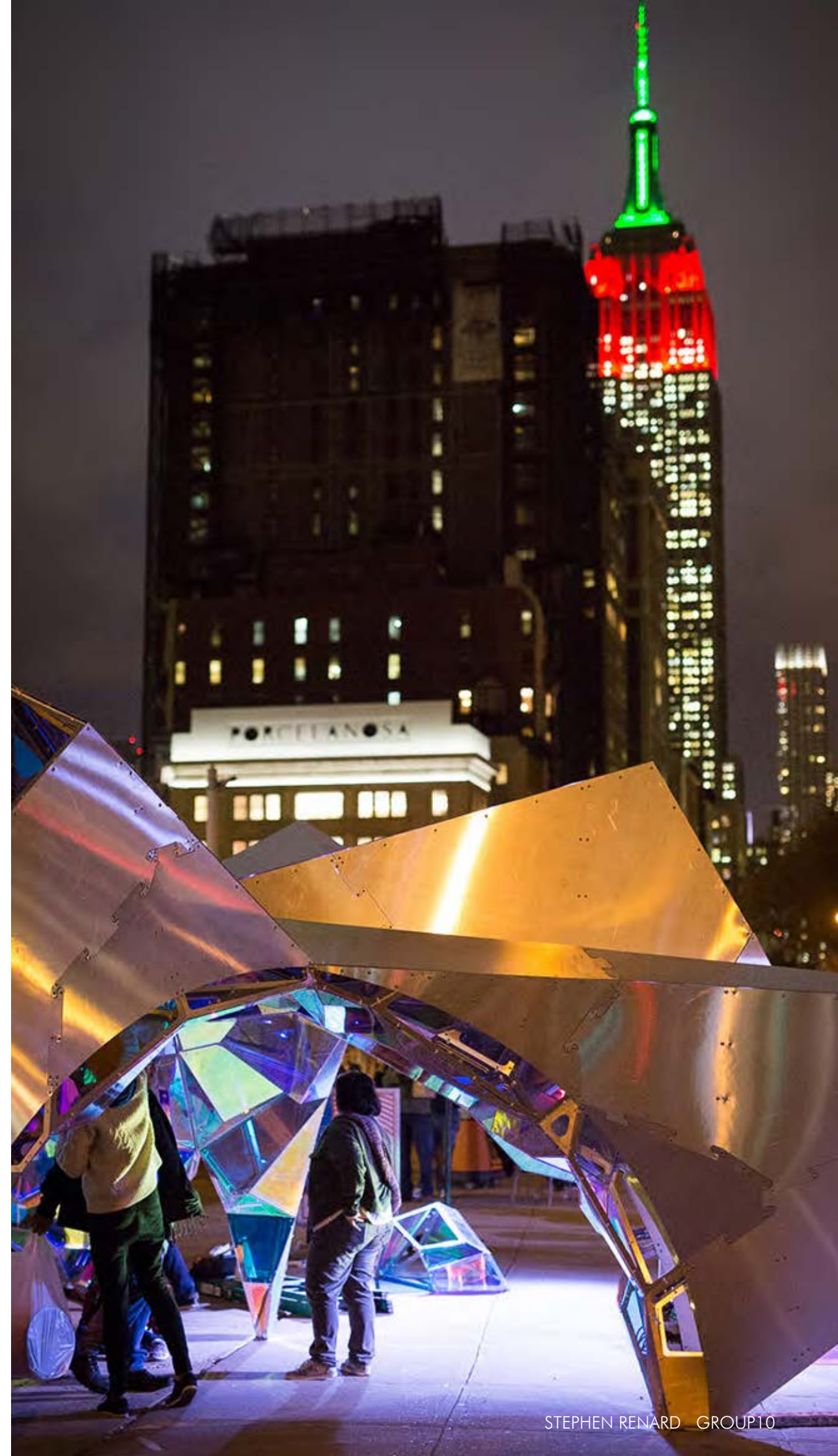


HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

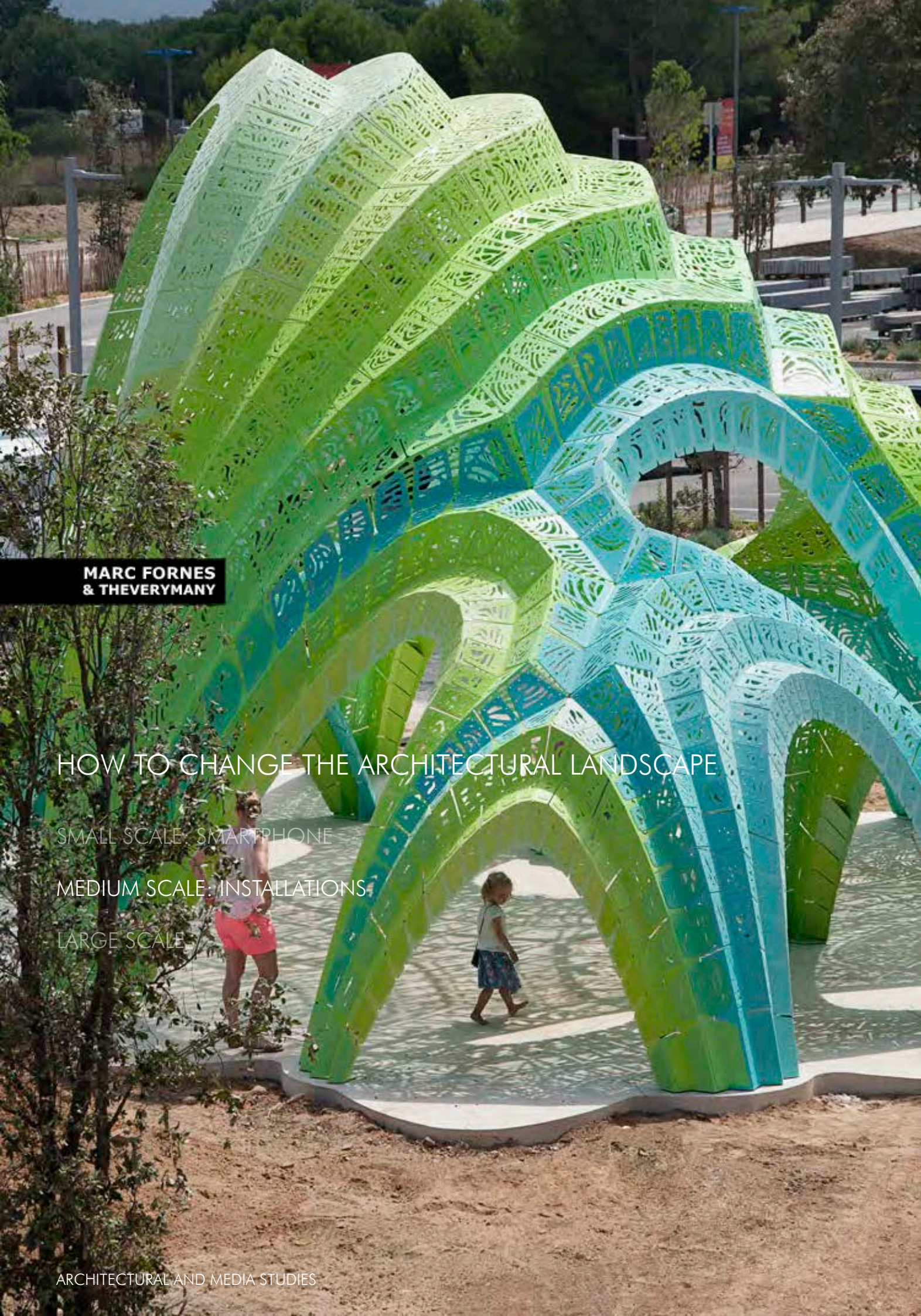
SMALL SCALE: SMARTPHONE
MEDIUM SCALE: INSTALLATIONS
LARGE SCALE



ARCHITECTURAL AND MEDIA STUDIES



STEPHEN RENARD GROUP10



MARC FORNES
& THEVERYMANY

HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

- SMALL SCALE: SMARTPHONE
- MEDIUM SCALE: INSTALLATIONS
- LARGE SCALE



MARC FORNES
& THEVERYMANY

HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

SMALL SCALE: SMARTPHONE

MEDIUM SCALE: INSTALLATIONS

LARGE SCALE: ARCHITECTURE



COOP HIMMELB(L)AU - DALIAN CONFERENCE CENTER

HOW TO CHANGE THE ARCHITECTURAL LANDSCAPE

SMALL SCALE: SMARTPHONE

MEDIUM SCALE: INSTALLATIONS

LARGE SCALE: ARCHITECTURE

THE FUTURE OF ARCHITECTURE DESIGN DESIGN

POSITIONING AND ADPTATION OF ARCHITECTS



FLYKNIT - NIKE



CHITIN 3D PRINT - MIT MEDIA LAB



ENERGY GENERATING CLOTHING - MIT MEDIA LAB



UHPC - G.TECZ ENGINEERING



EXTENDED WAALBRIDGE NIJMEGEN - ZJA



JOCKEY CLUB INNOVATION TOWER - ZAHA HADID



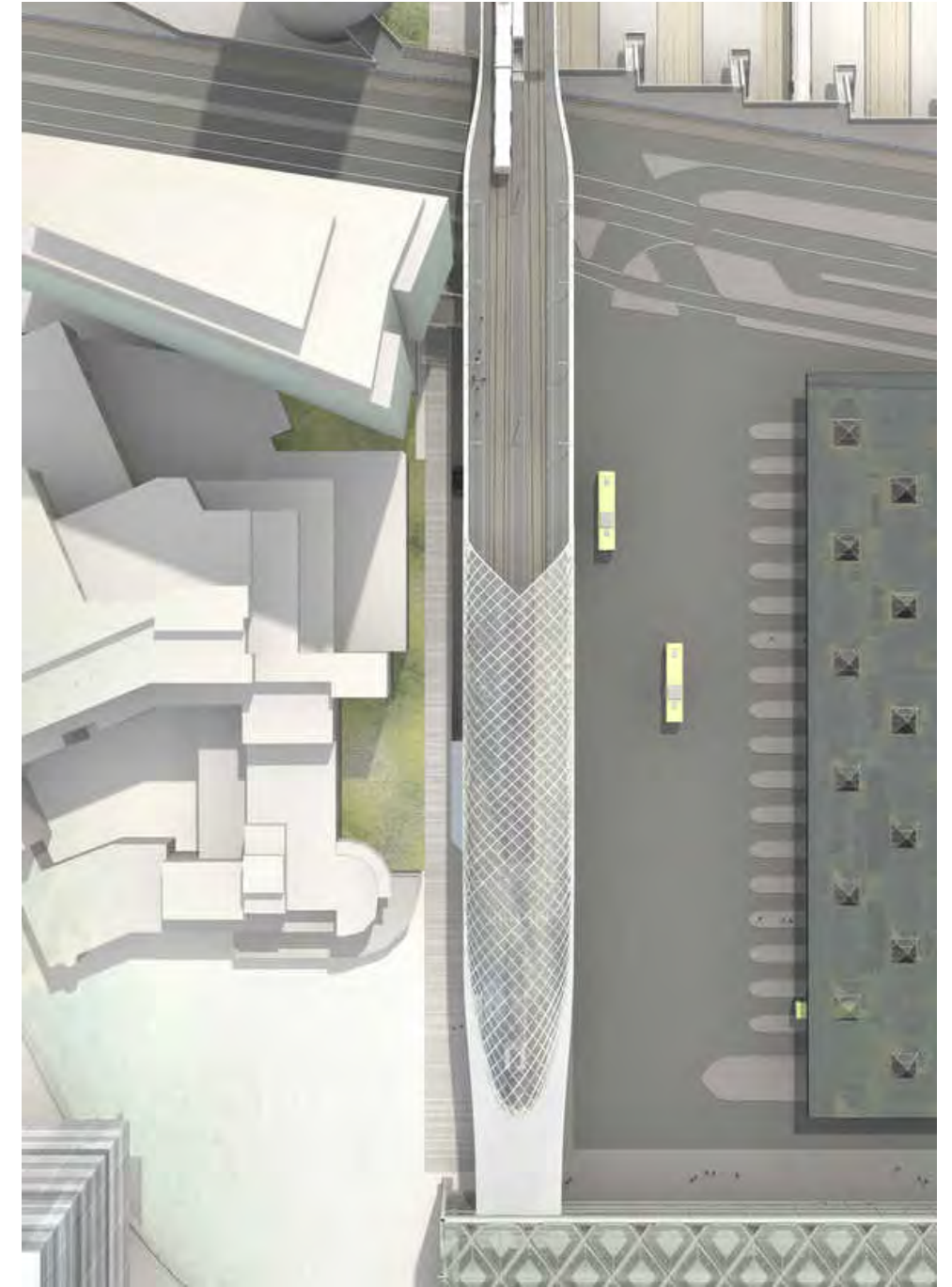
SPORTCAMPUS ZUIDERPARK - ABT (CONSULTING ENGINEER)

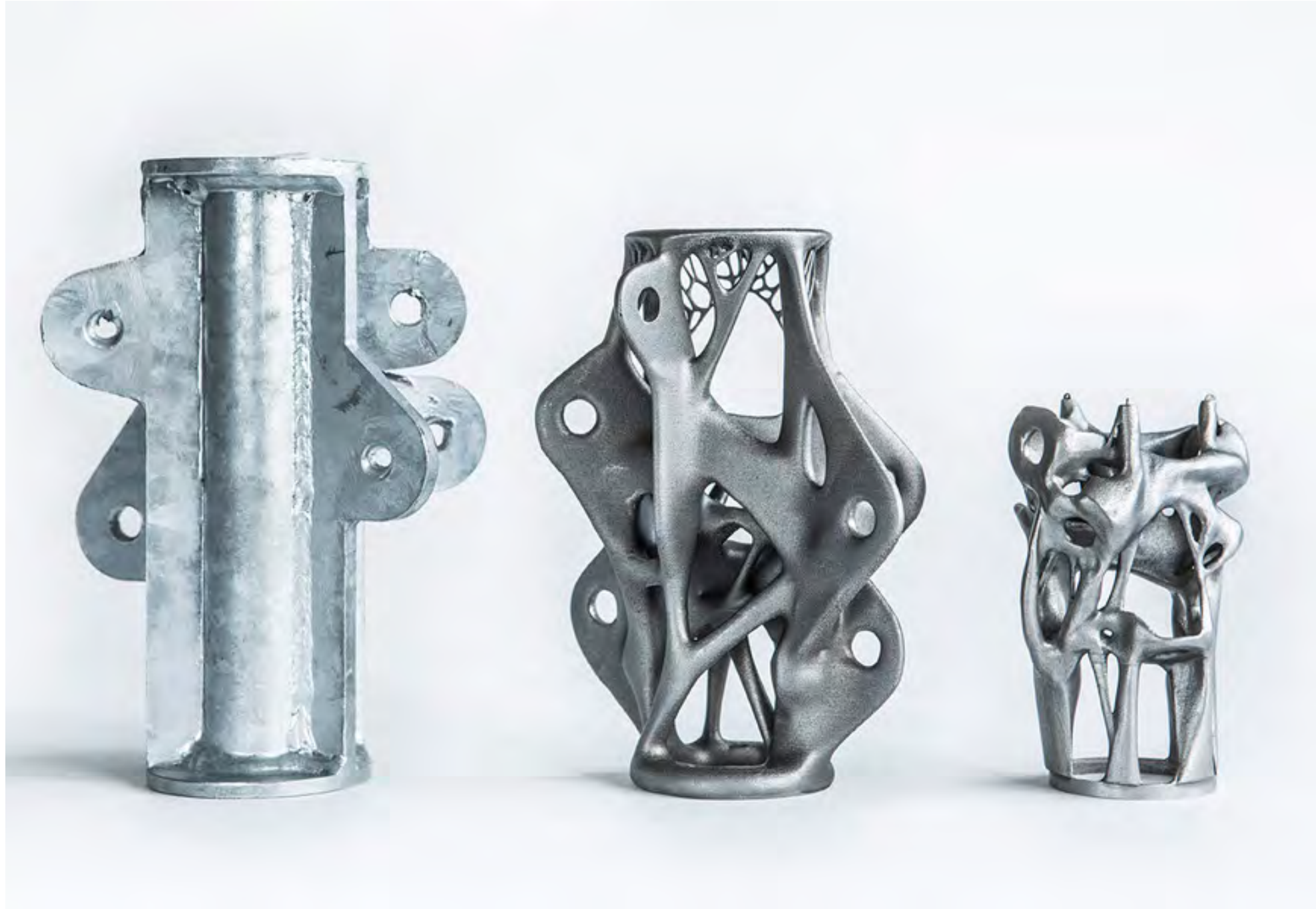


NON-STANDARD ARCHITECTURE & INTERACTIVE SYSTEMS

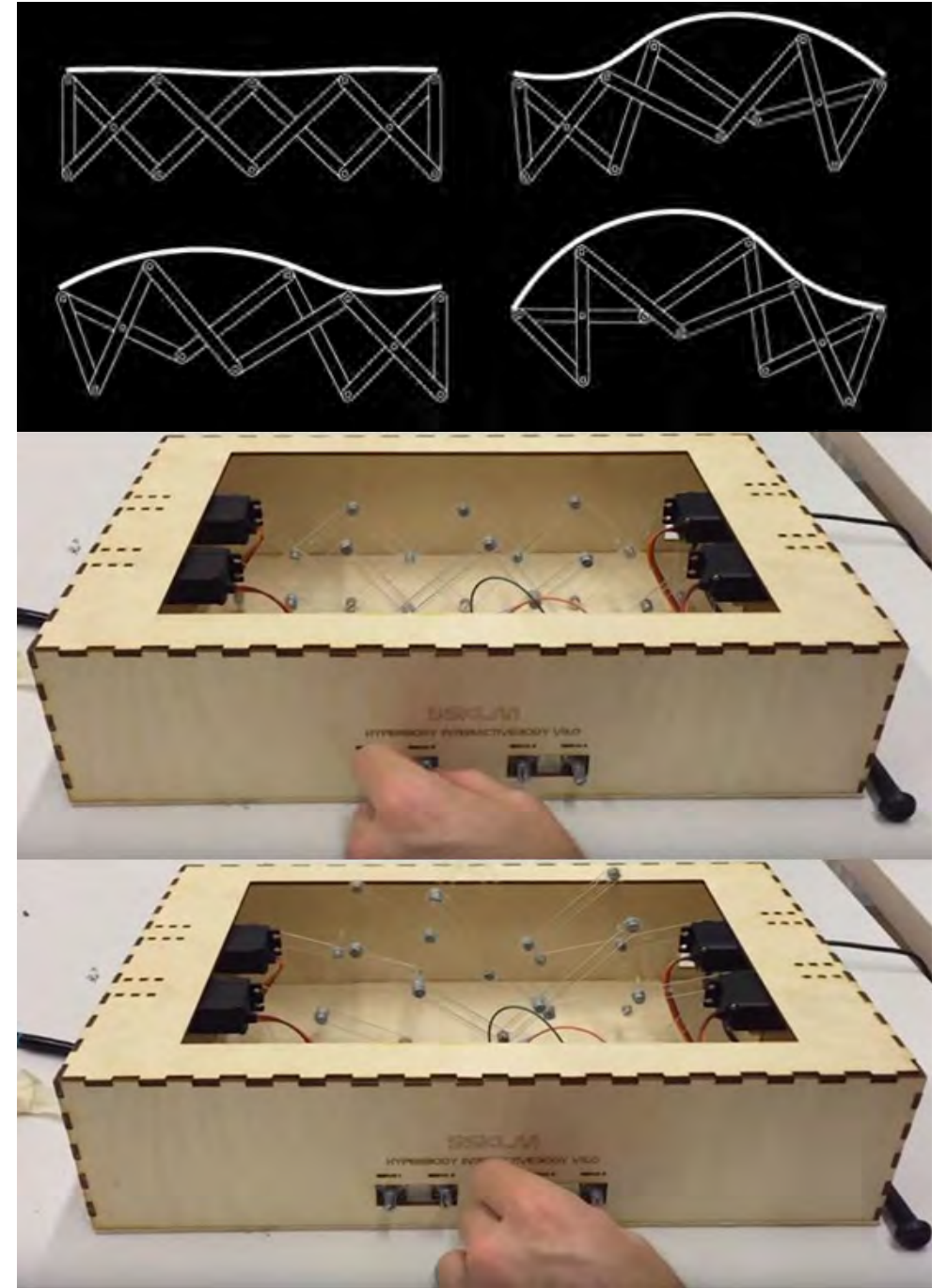
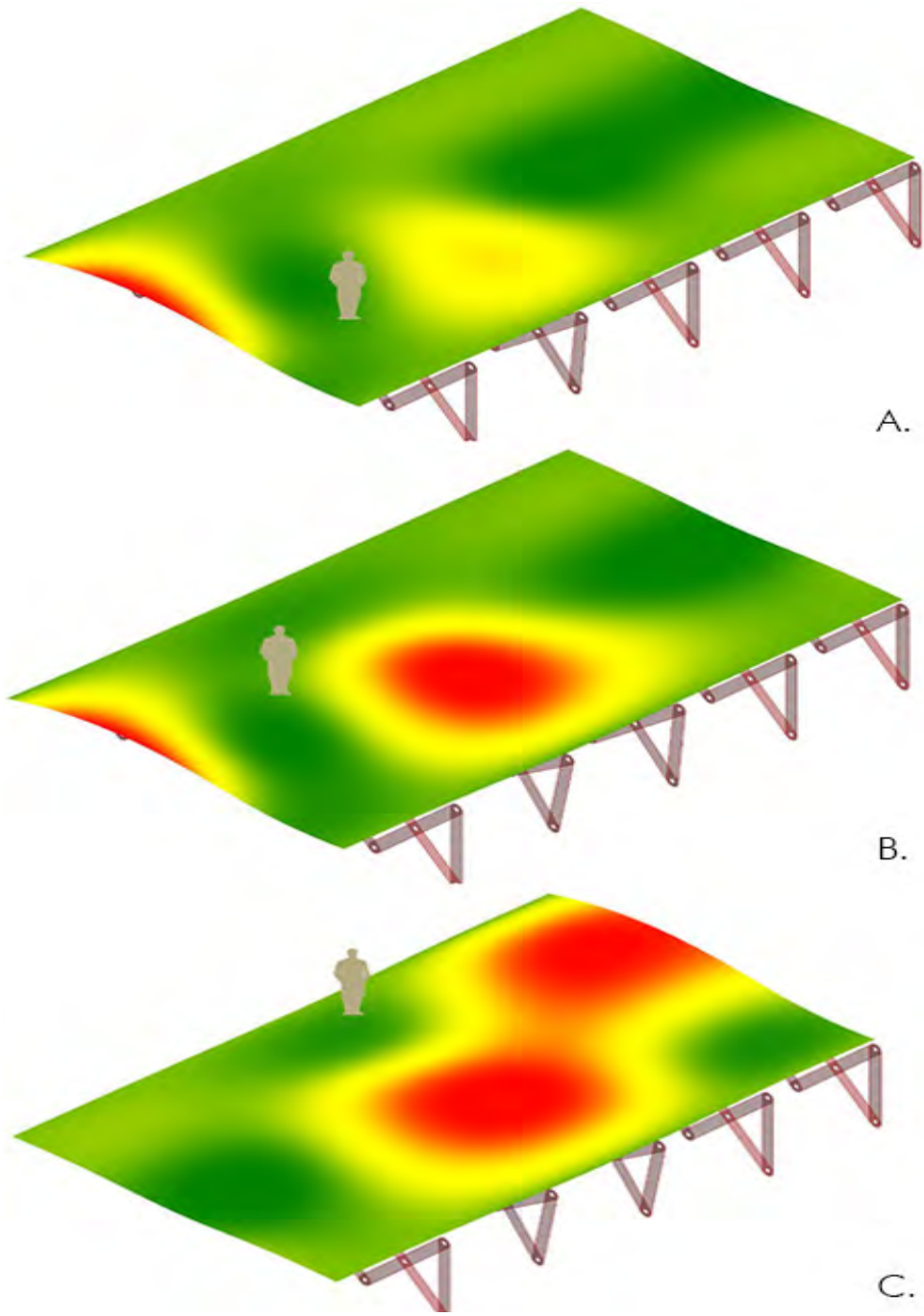
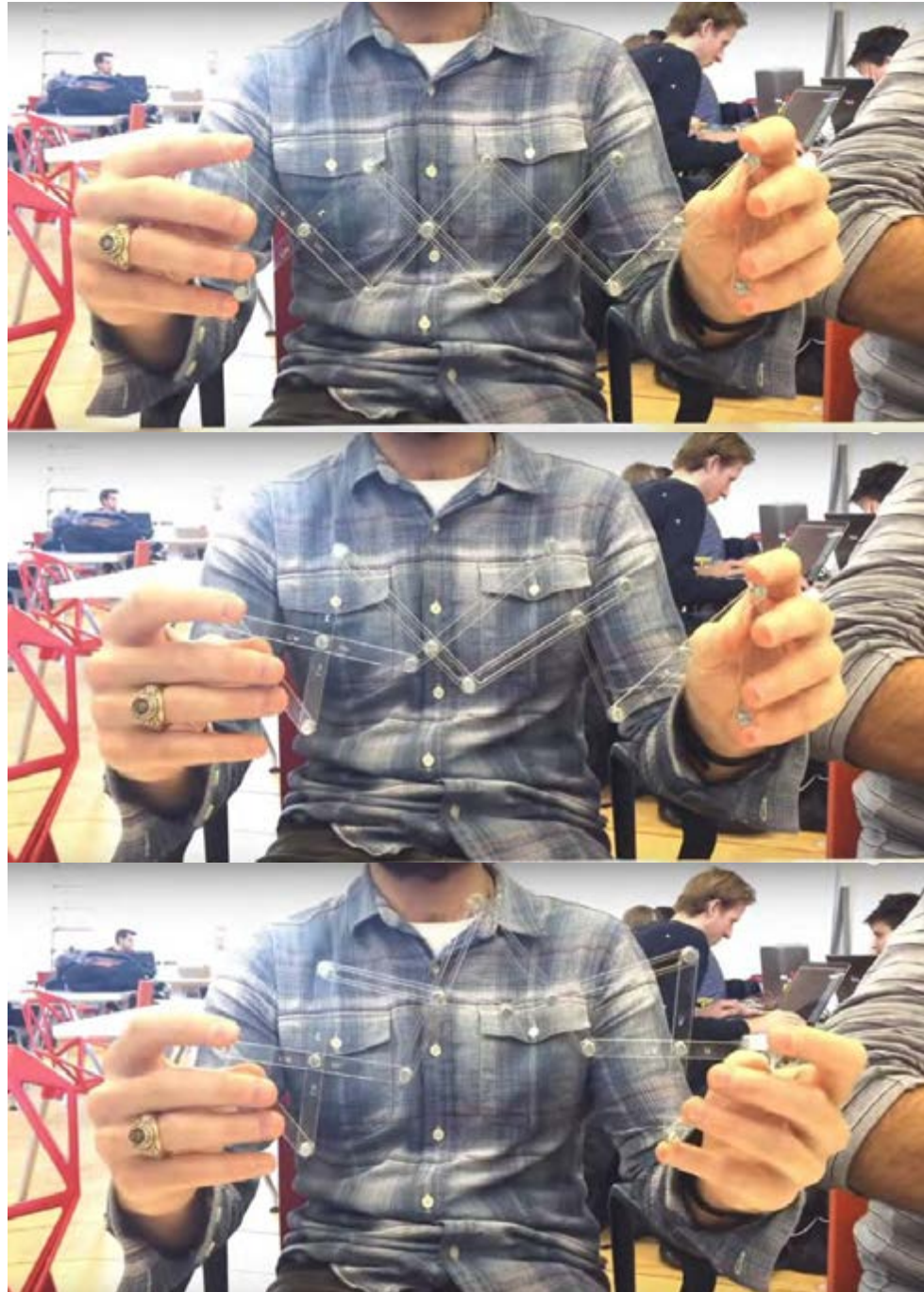


New departure station Erasmusline, The Hague. Designed by ZJA

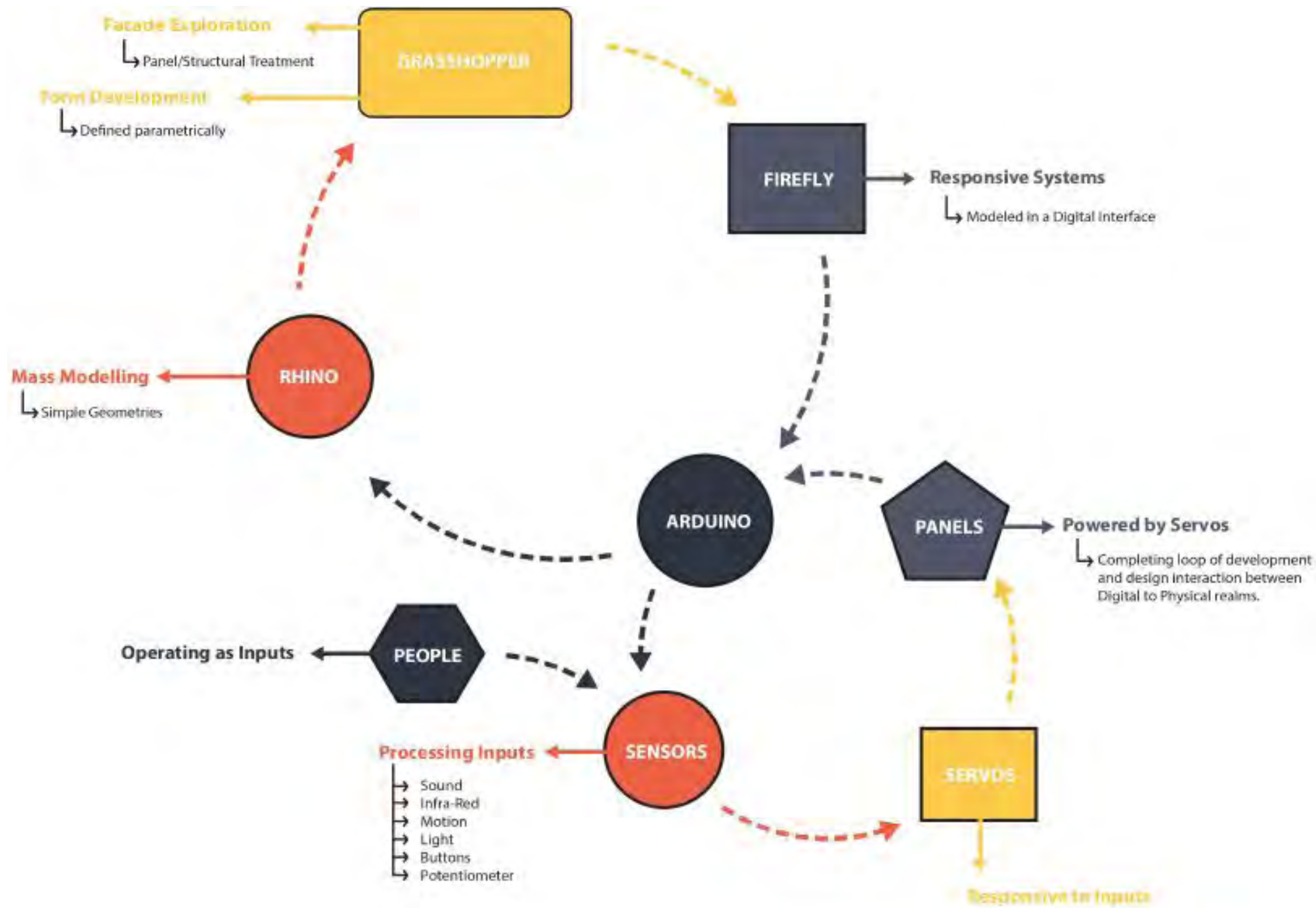




3D printed product used by Alamir Mohsen



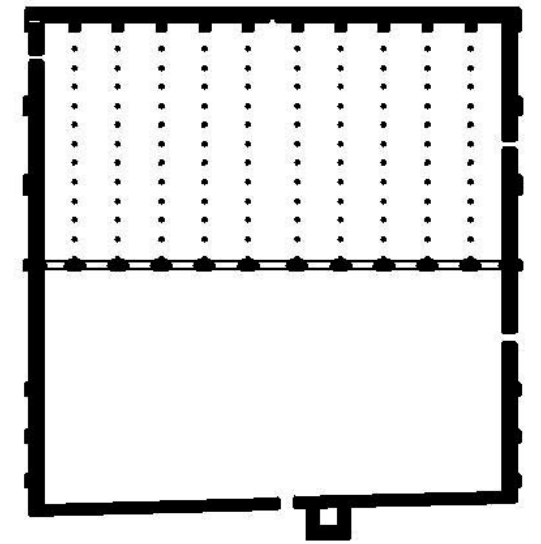
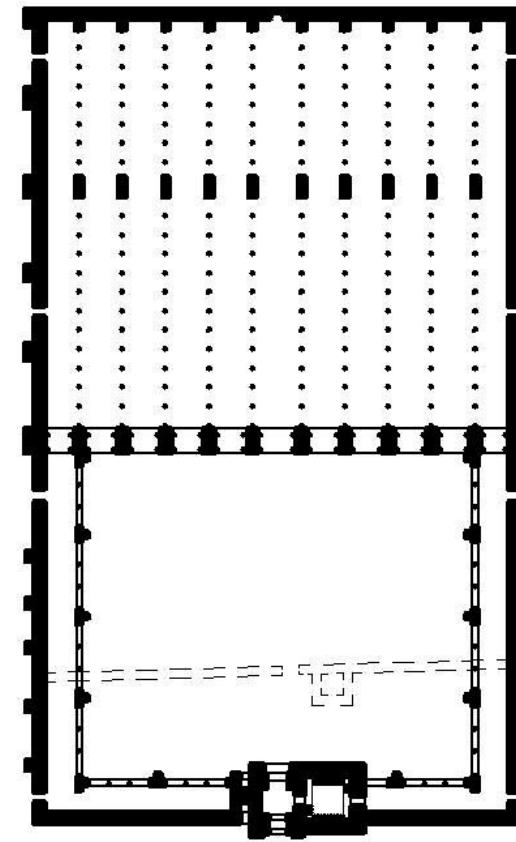
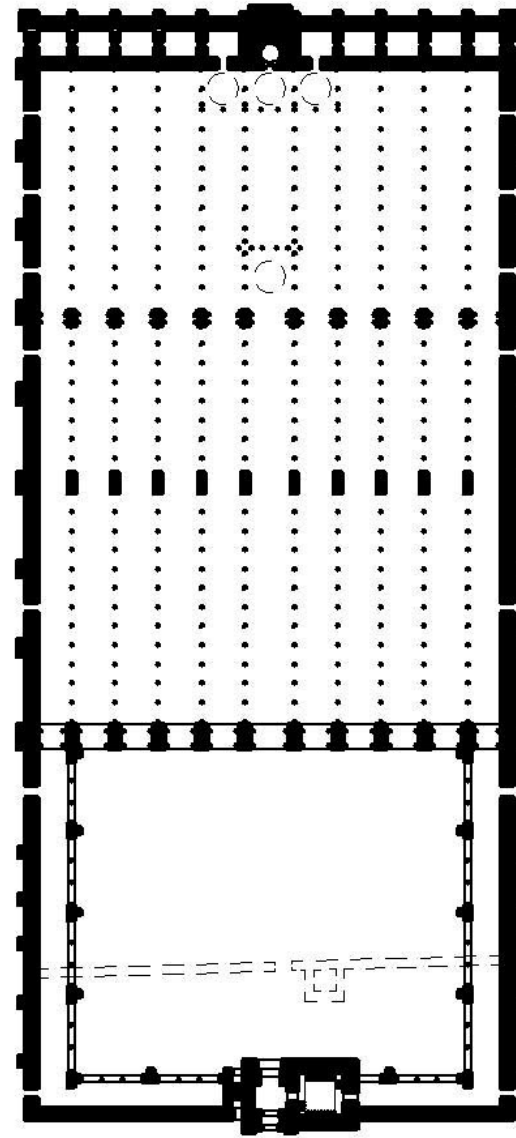
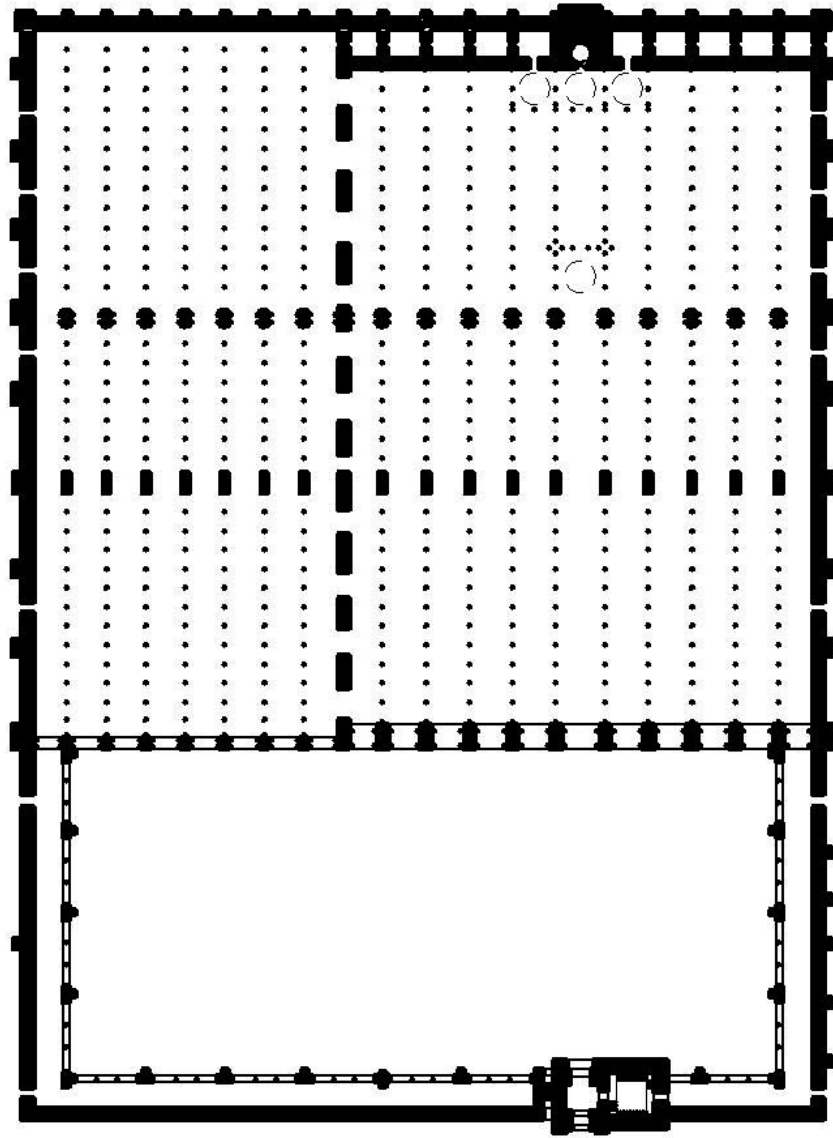
MSC1 HYPERBODY WORKSHOP PROTOTYPE



ALGORITHMIC DIAGRAM OF INTERACTIVE SYSTEMS



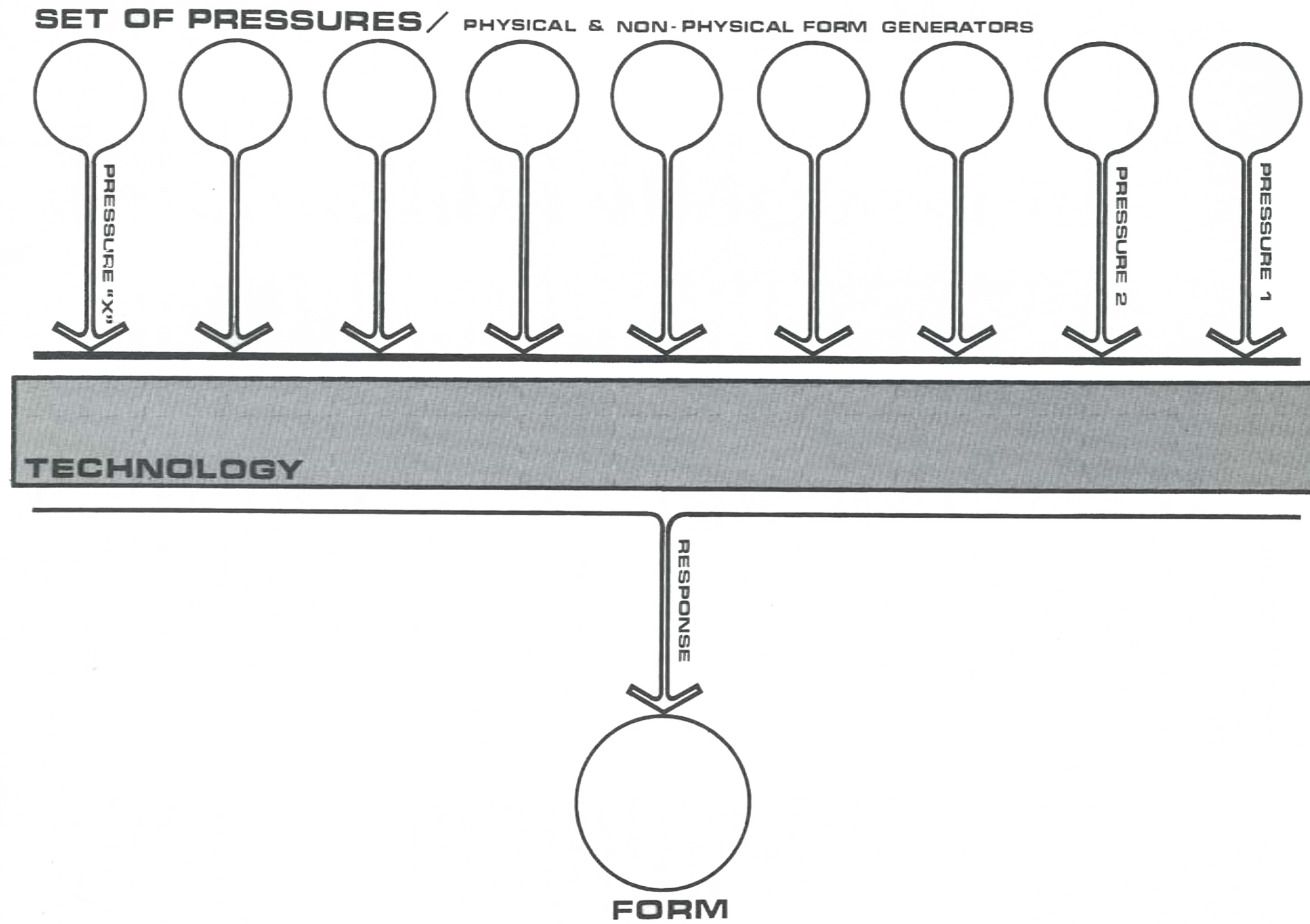
BUILT PROJECTS OF NON-STANDARD ARCHITECTURE & INTERACTIVE SYSTEMS



The Mosque/cathedral of Cordoba



The environment as an organism



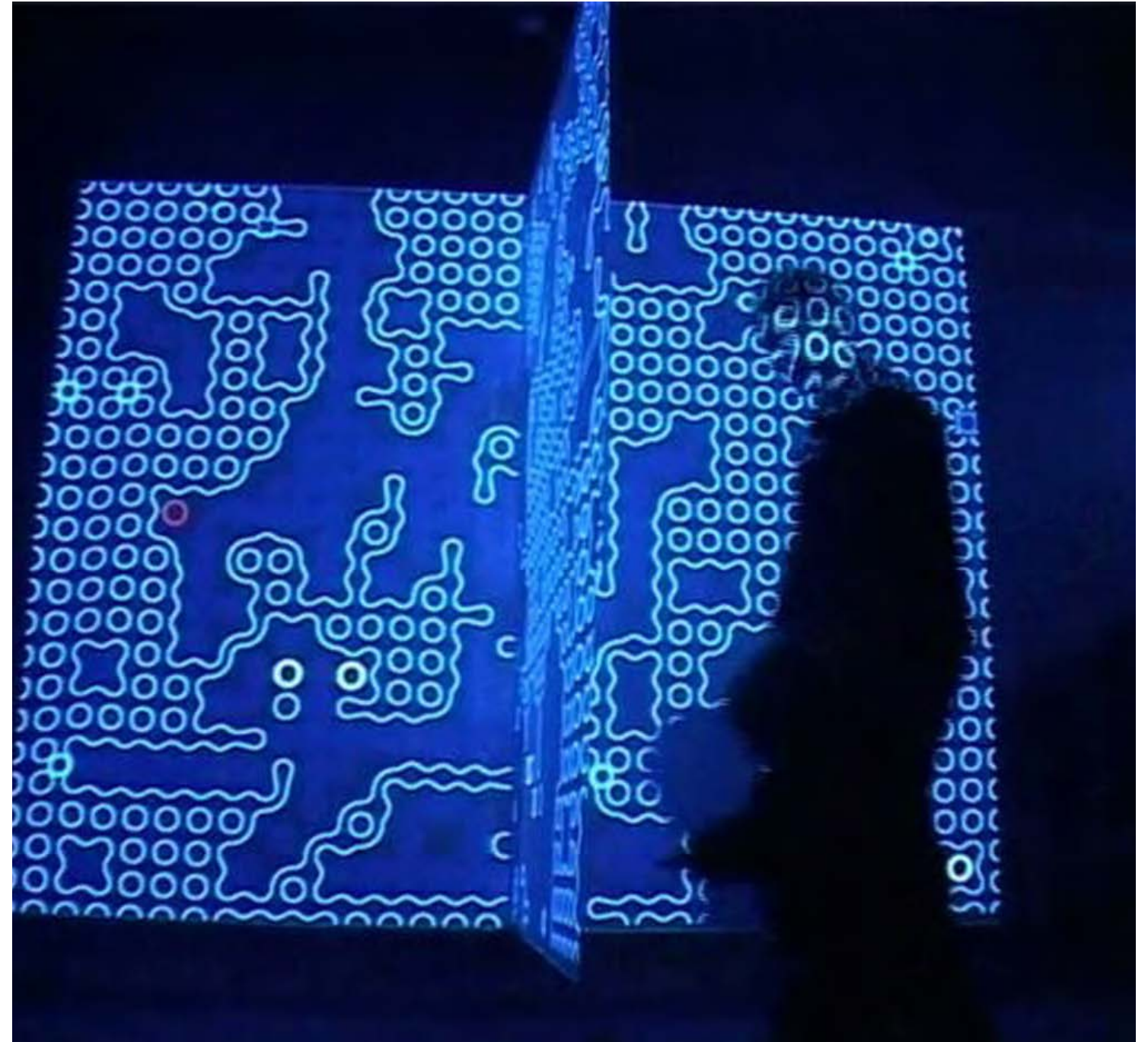
Sensor, Controller & Actuator

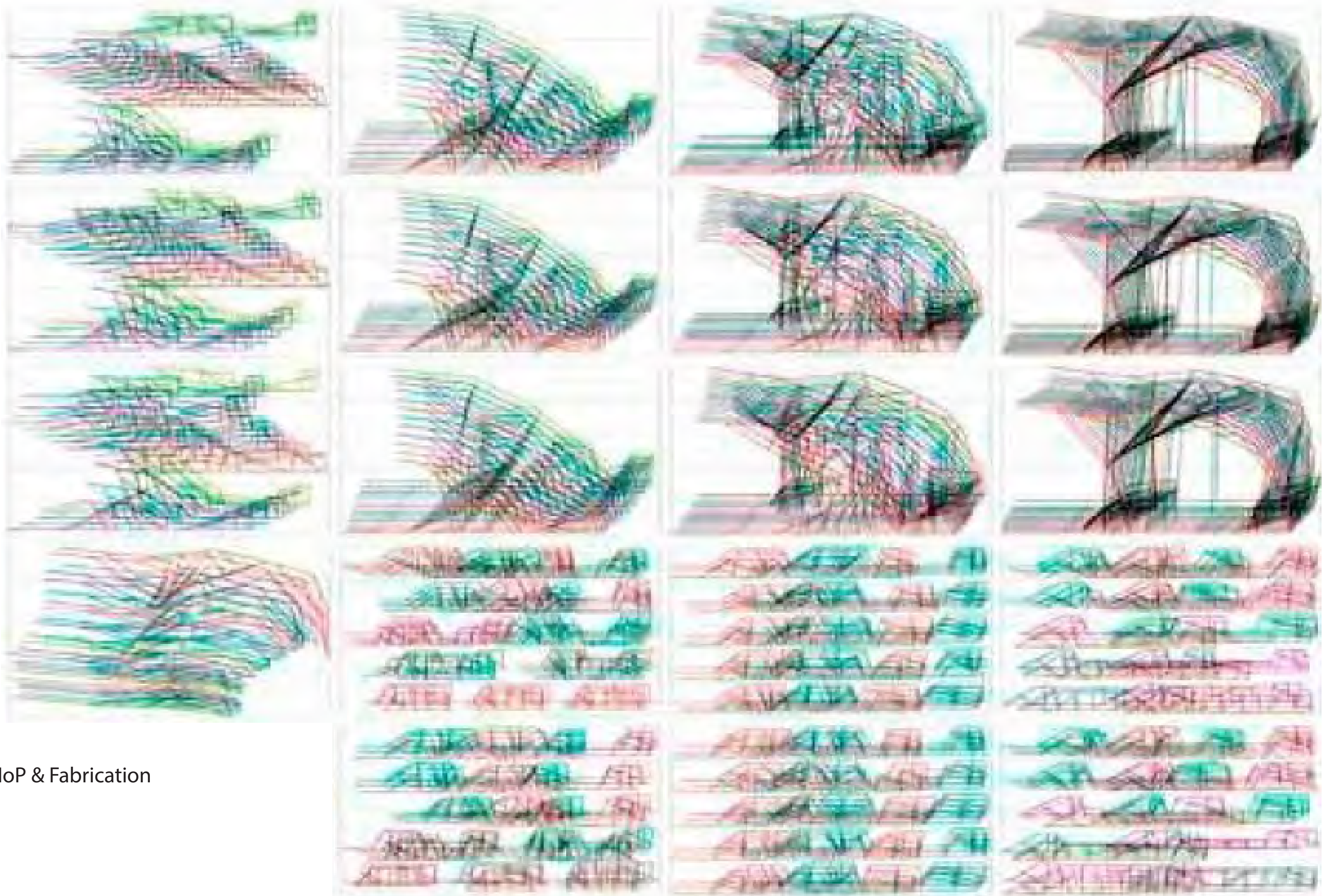


Project Bloom, Material as actuator



Holozoic Ground & Eden: Sonic Eco-system





SHoP & Fabrication