



Arab International University
(formerly Arab European University)
Faculty of Architecture

MAG LAB
MATERIALS
ADVANCED ARCHITECTURE
GENERATIVE LABORATORY

Creative Art in Architecture Workshop

spatial experimentation - Brain storming Ideas

Workshop Instructors

- **Prof.M.Arch.Aref Maksoud** (MAG LAB Director- Barcelona-Spain/Damascus - Syria)
Assistant professor in Biodigital Architecture Master and PHD program ESARQ-UIC*Barcelona Spain
Visitor Professor - Lecturer at AIU "Arab International University" Damascus - Syria
Authorized parametric Master by MCNeel "Seattle - USA, Barcelona - Spain"

- **Prof Alessio Erioli** (co-founder and main architect at Co-de-IT)
Professor and researcher - DAPT - Facoltà di Ingegneria, Università di Bologna (Bologna - Italia)

www.creativeartworkshop.wordpress.com



Synopsis

This new workshop organized by MAG LAB in collaboration with AIU, created a Certain Continuity with the first Successful workshops on "Creative Art" done in 2010

The new edition of the Creative Art that started in July 2011 is already showing how the students are reaching in each new workshop better and developed results , understanding deeply how this experience is a Simulation of their future as professionals.



This workshop was an exploration of different ways of representing ideas through art concepts applied by an intensive search for spatial Conditions in order to configure architectural spaces.

Aim of this workshop was to give students insights on different ways to generate and represent ideas combining exercises based on art Examples and nature processes as paradigms.

The goal was achieved through theoretical classes, personal research and Practical workshops.

COVERED TOPICS

• Idea explorations

Creative and generative process
Elegance
Performance
Emergent design
Trial and errors

• Geometry lessons

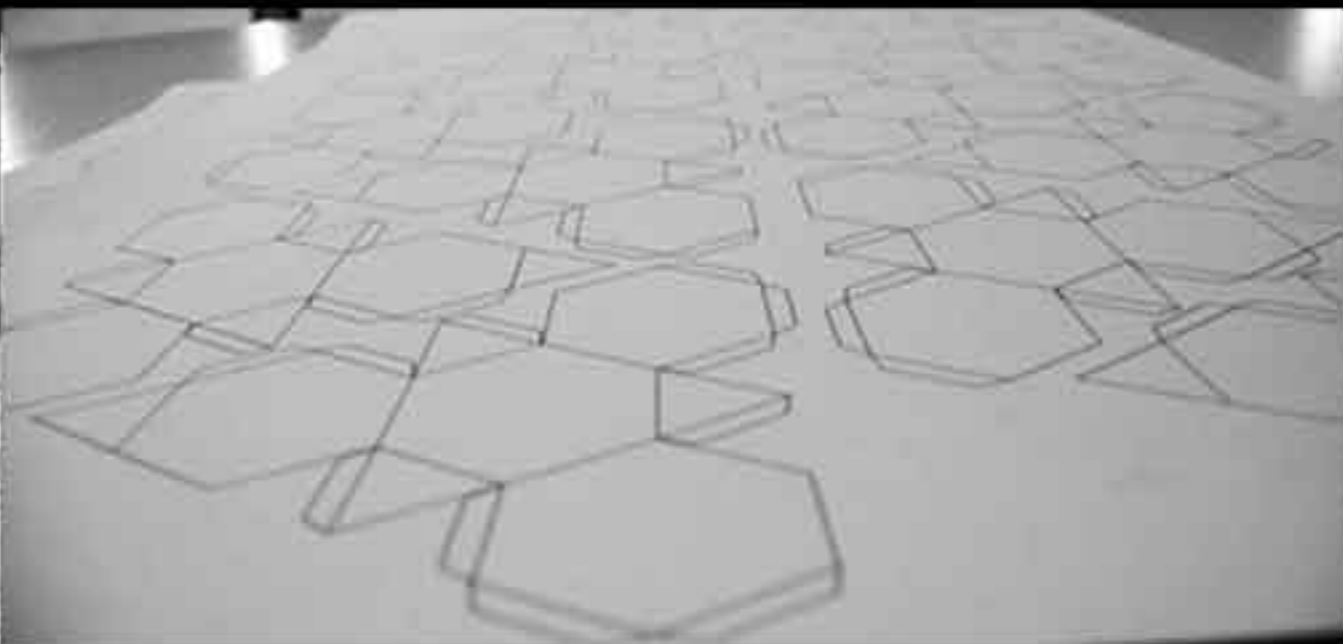
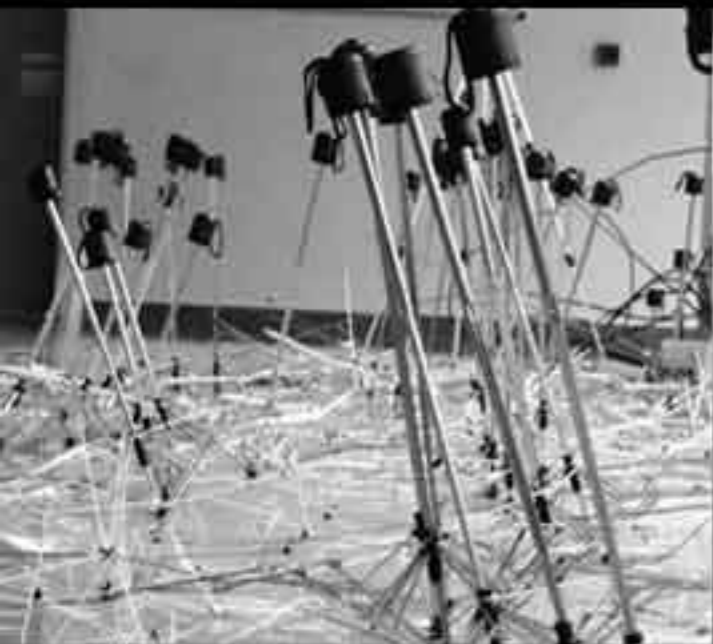
Geometry of continuity
Folding, Bending – twisting...
Origami, ornaments and
Tessellations
Systems of spatial representation
The metric geometry
The general theories of the form

• Art and Architecture

Fashion and architecture
Craft – Manufacturing – Tools
Materials explorations
Dynamic, kinetic art,
Responsive Architecture.
Light and architecture
Sound and architecture
Fractals
Site adaptation and analysis



PROJECTS













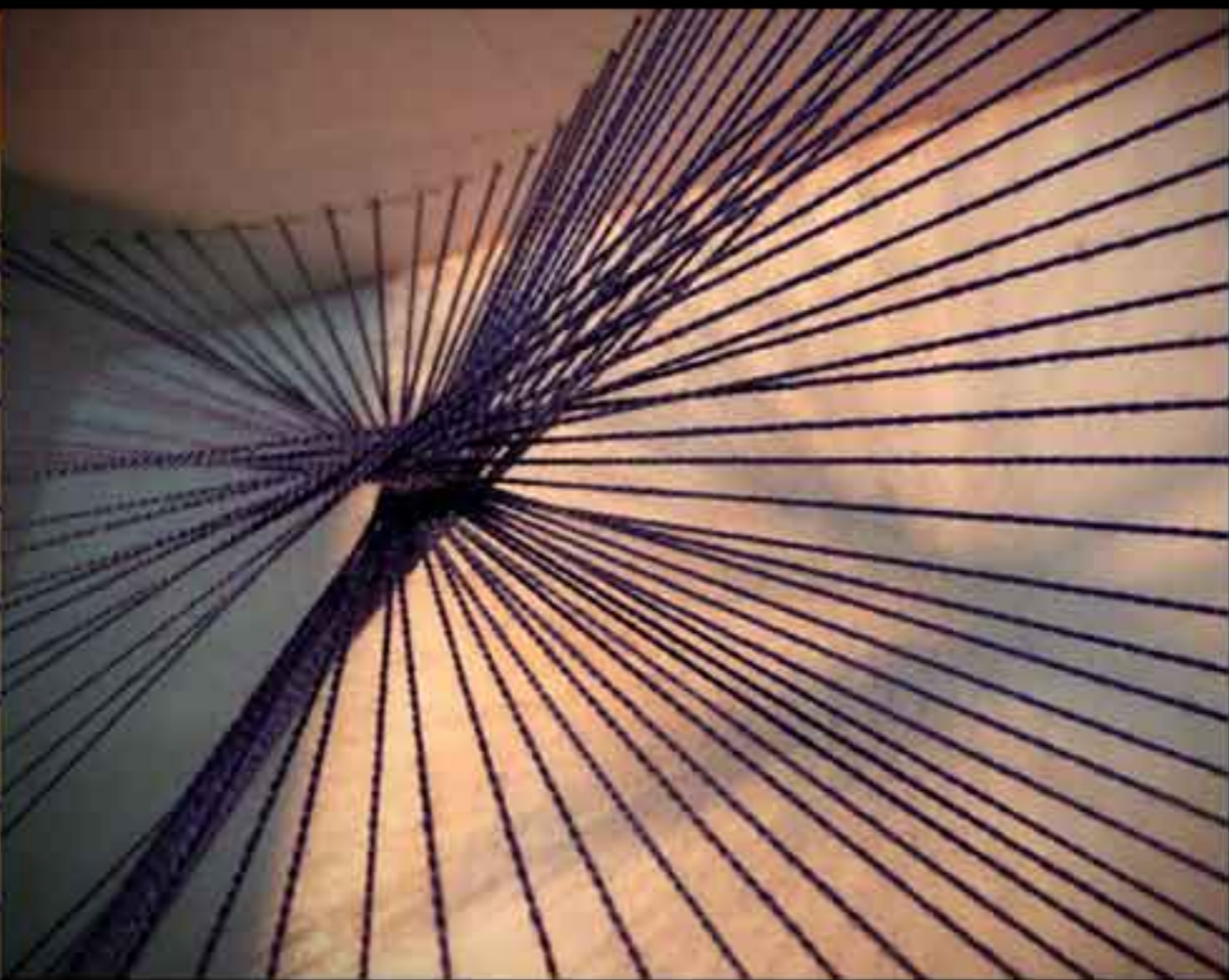
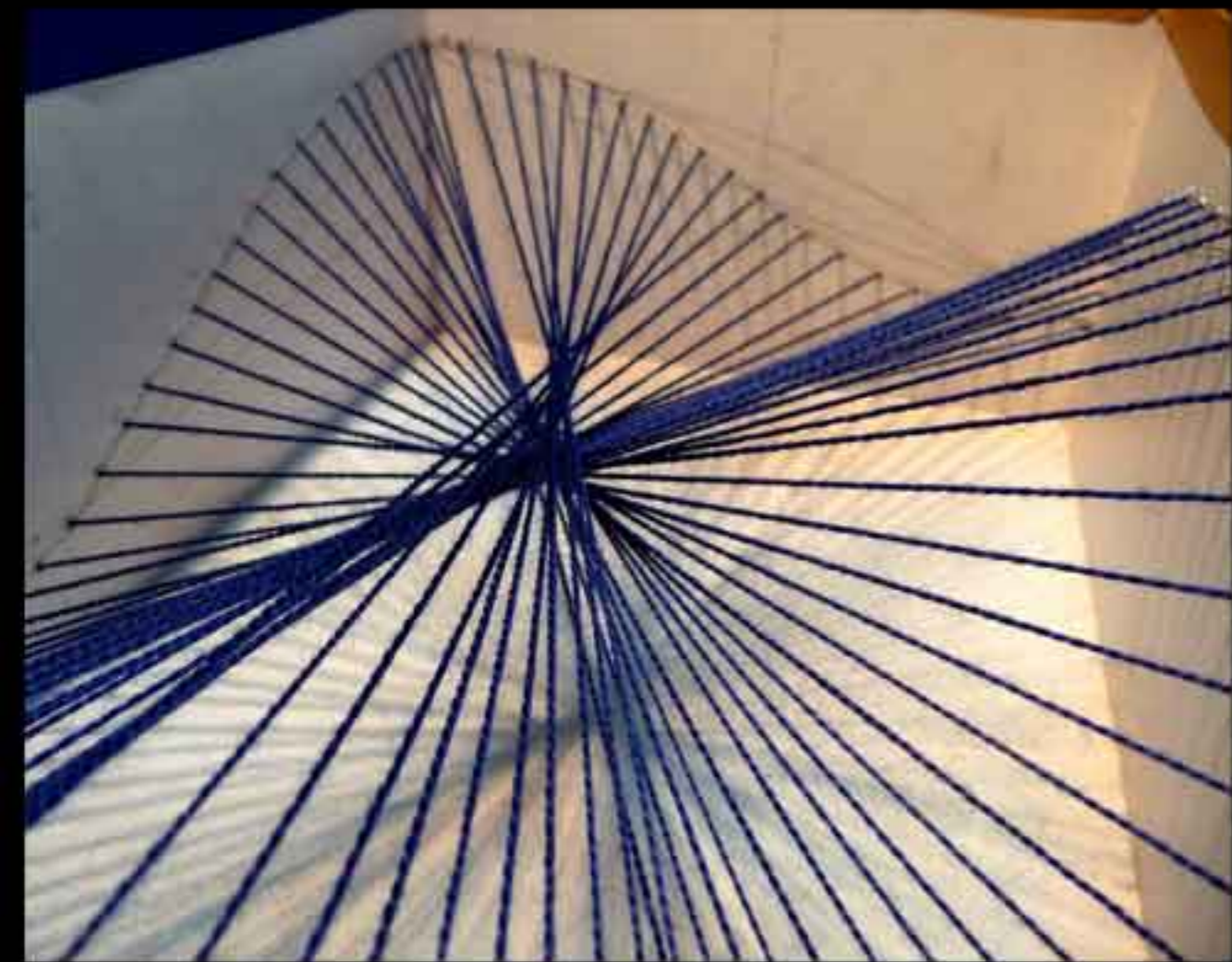


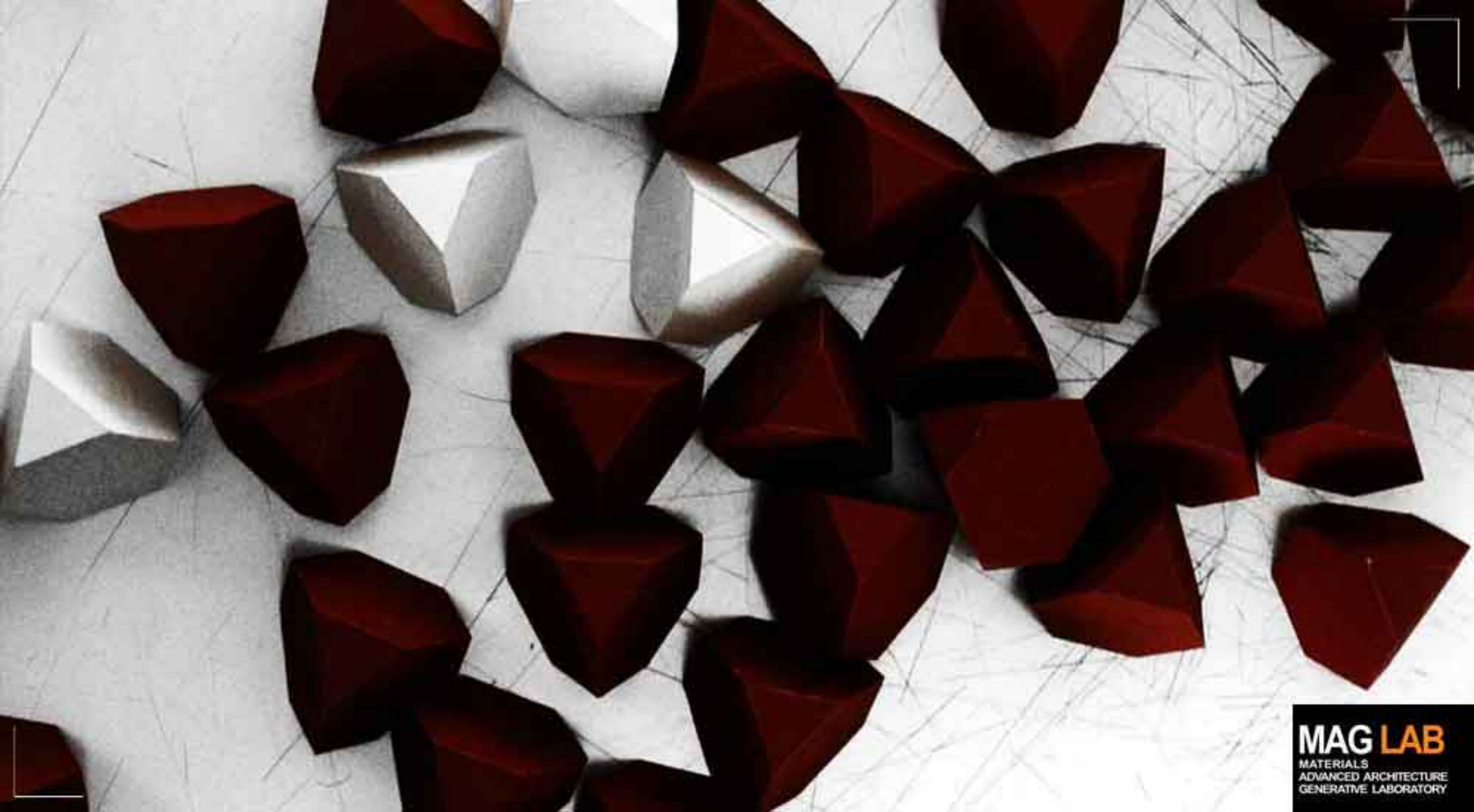














MAG LAB

MATERIALS
ADVANCED ARCHITECTURE
GENERATIVE LABORATORY

