Gallerymateria Scottsdale AZ solo exhibition 2002

Problems in Sailing #1
Stoneware w/ Slips and Paint
37" x 24" x 14"
2001

Problems in Sailing #2
Stoneware w/ Slip
48" x 27" x 15"
2002

"Problems in sailing: Blue Frame" Wood Fired
Stoneware with slip
48" ht x 16" dp x 19"wd
2007

"Problems in Sailing: Reef Relic" Wood Fired
Stoneware with slip and glaze
36ht x 48wd x20dp, 2007


Airplane Series 2001-ongoing
BGSU School of Art Gallery

Front & back view of “Wing Map” in progress, the first major wing form that was completed

A clay airplane forces the viewer to think about ceramics as well as what they know about an airplane.

Flight is a very recent development in human history.

The ceramic process transforms and distorts the object, displacing its reality.

World war II plane forms are beautiful and terrible

P-38 Assembled from sixteen parts that were thrown on the potters wheel

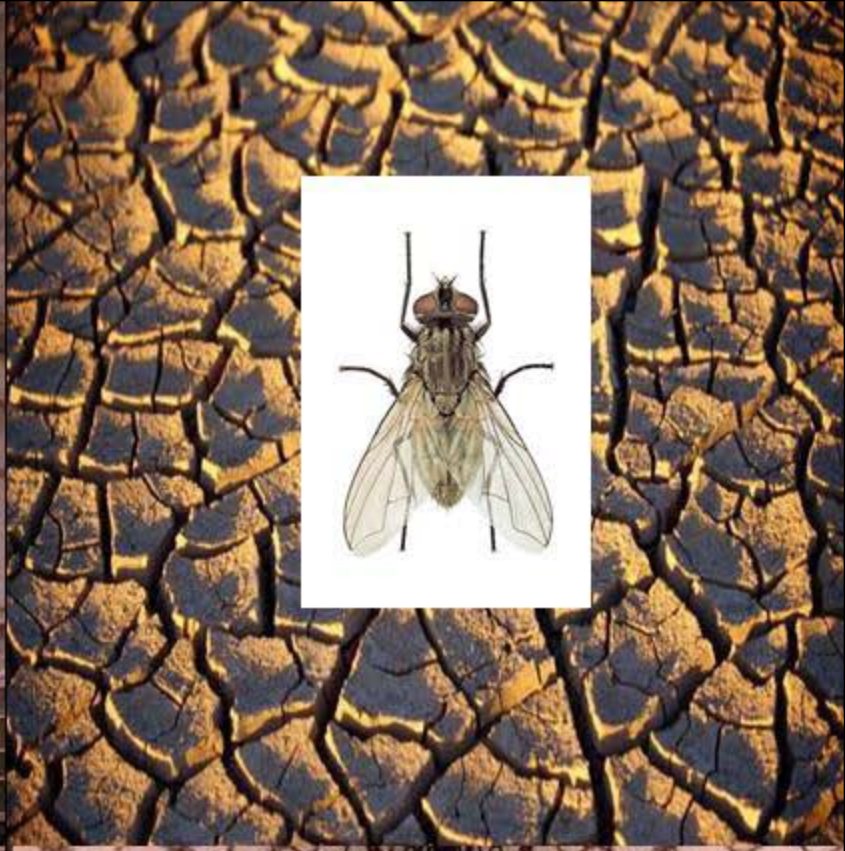
Kaneko Experimental Work Space

Balistreri Sabbatical
August 2004-August 2005
Large scale project Omaha Nebraska

11 ft wing

Comes apart in two sections

Organic and man made references



Schedel Gardens Fall 2007


BIGJOE

Fired brick on cars leaving the kiln.

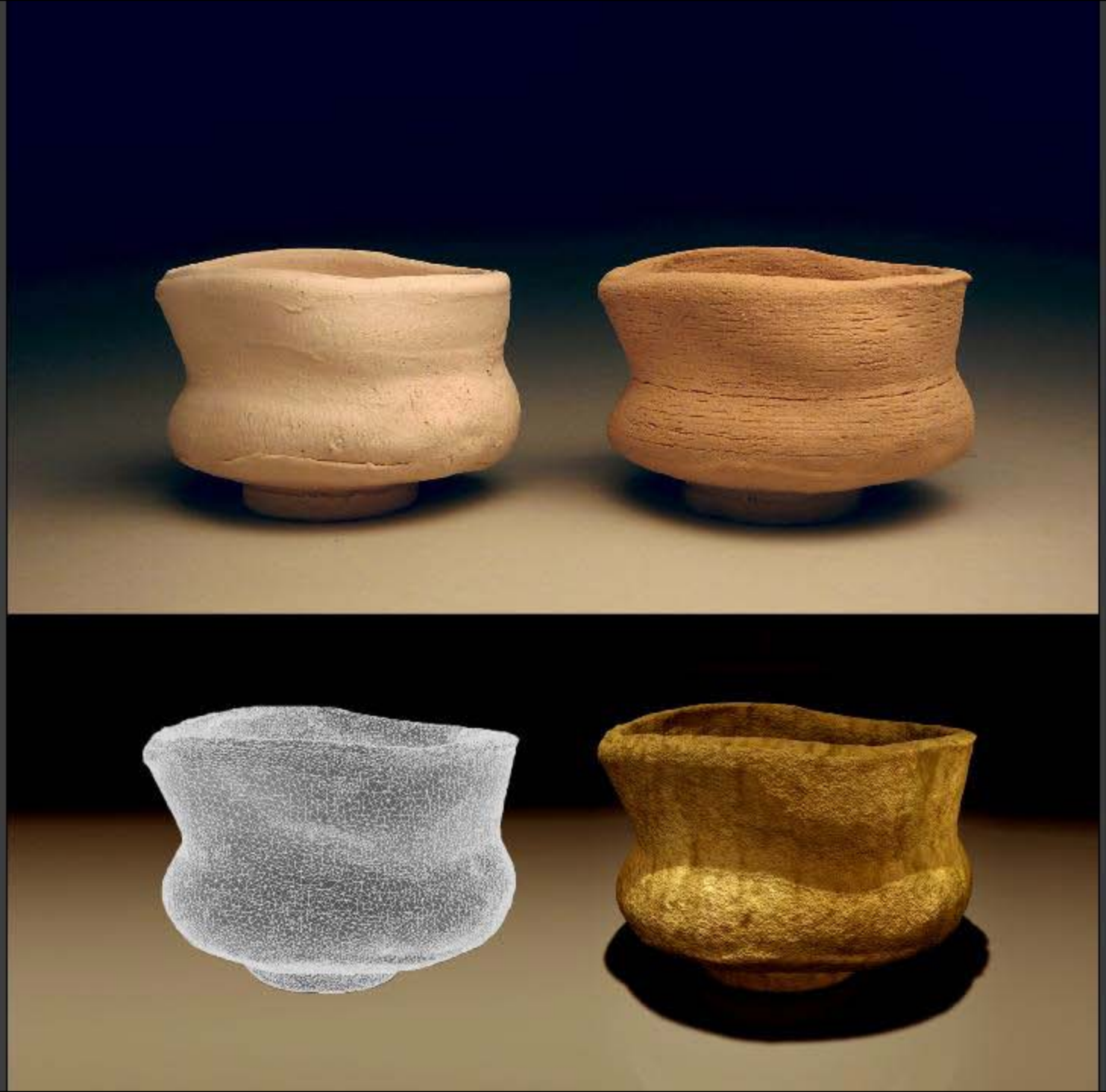
300 ft continuous kiln for firing brick, Robinson Brick Company, Denver Colorado. Bricks enter on train cars unfired and emerge completely done two days later. There are two kilns side by side and they fire 32 cars per day. Robinson produced 2% of the bricks used in the US

Mixing 60,000 ton batch of clay, Robinson Brick Company, Denver CO
This is only the first 5% of the total batch

John Balistreri

Ceramic 3D Printing

We have discovered a way to create ceramics by printing objects from a digital file using a rapid prototype machine.



Sebastien Dion

Balistreri porcelain vessel

Sebastien Dion

Zak Reed


TM

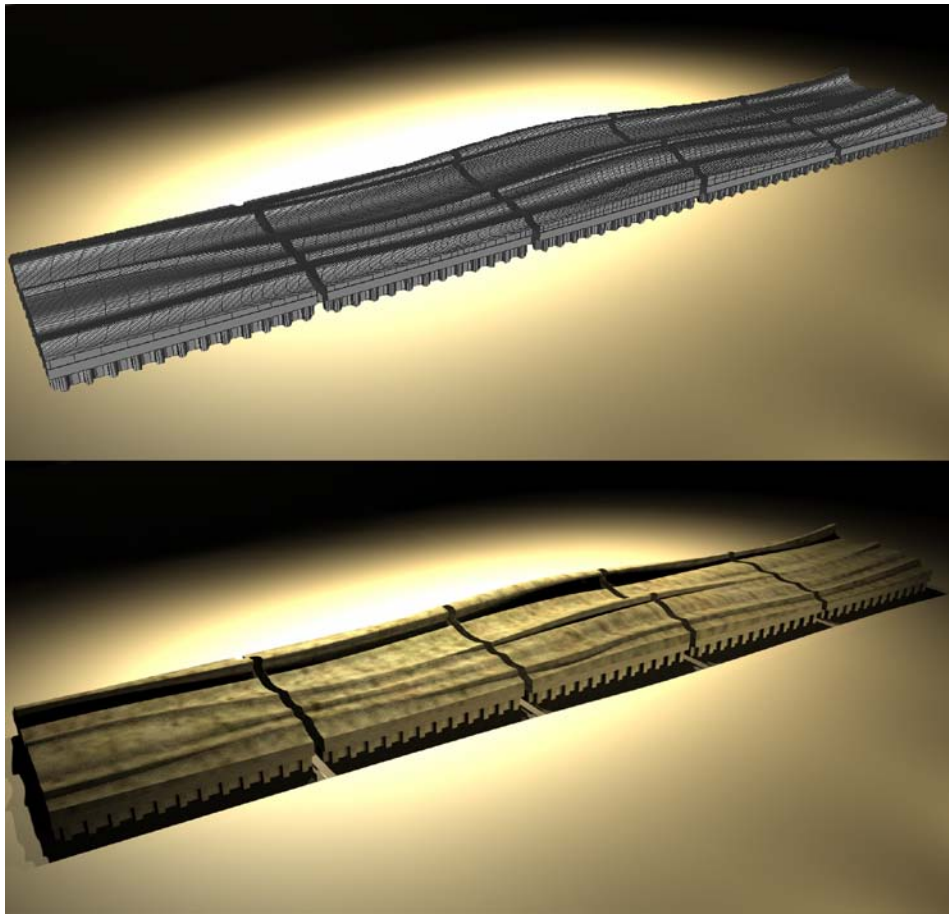
Future Technical Applications, Ceramic Architectural Restoration and Innovation

- Architectural restoration through scanning technology

- Innovations of new architectural applications

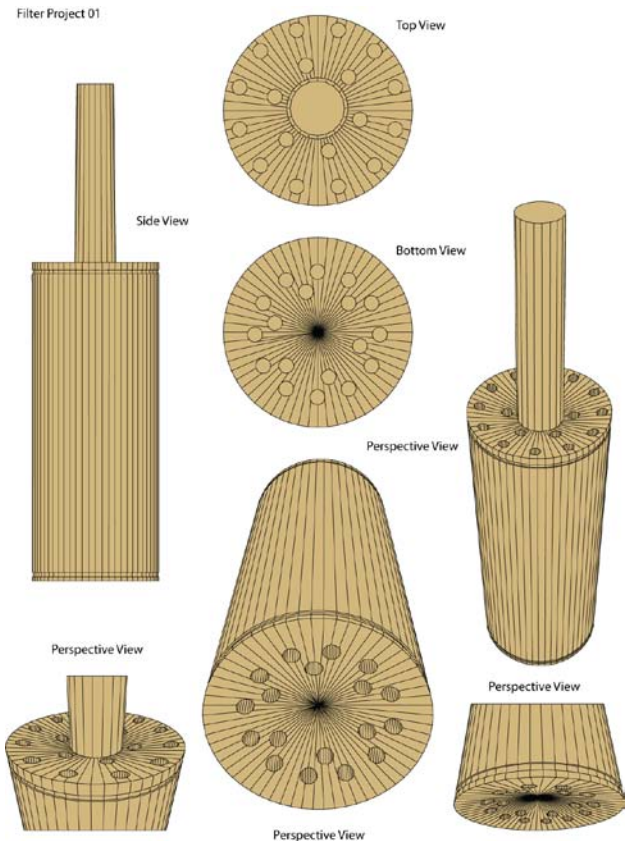
Future Technical Applications: Tile

- Public art potential
- Image can be created by many means- models, drawings, digital modeling
- Failed modules can be immediately reprinted

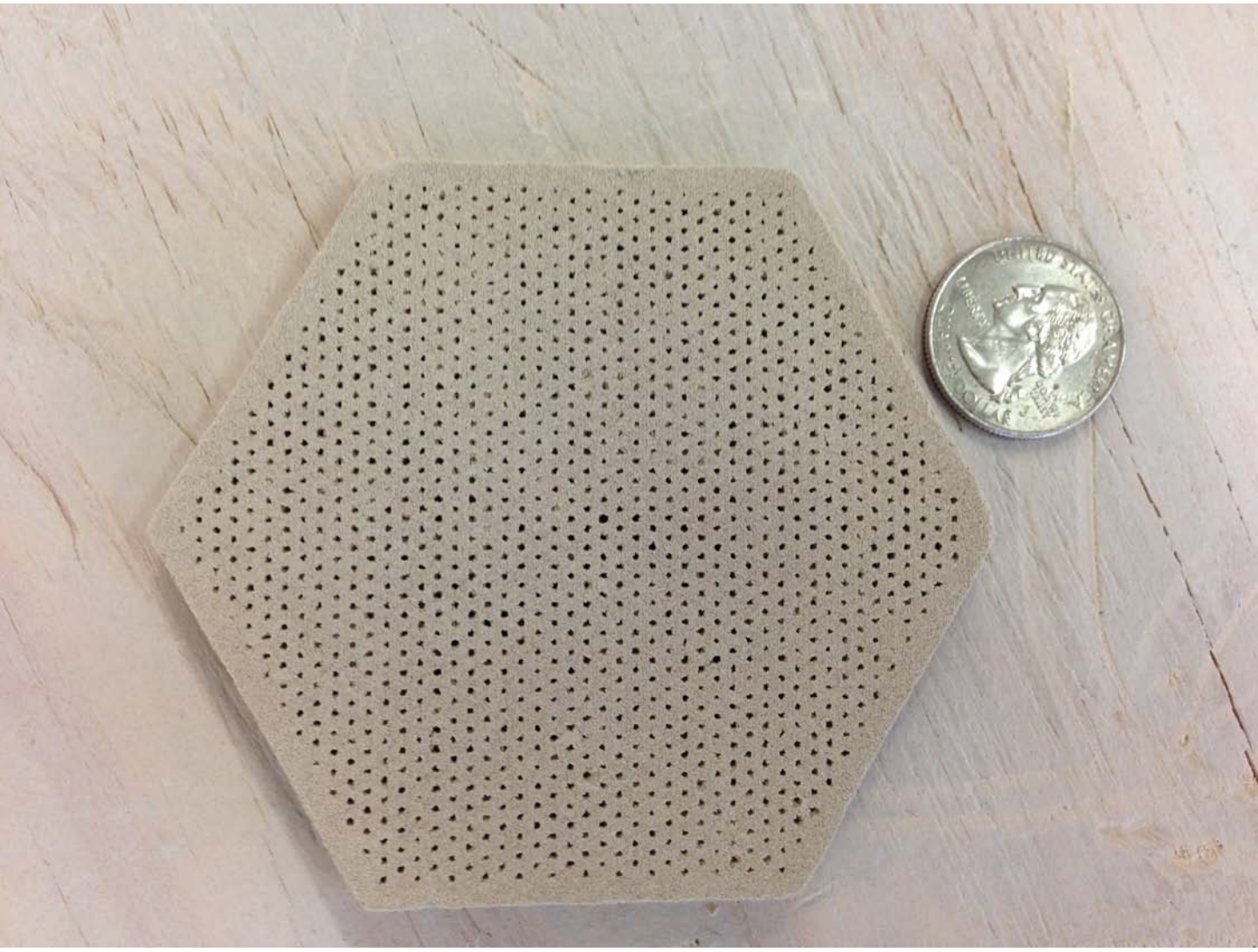


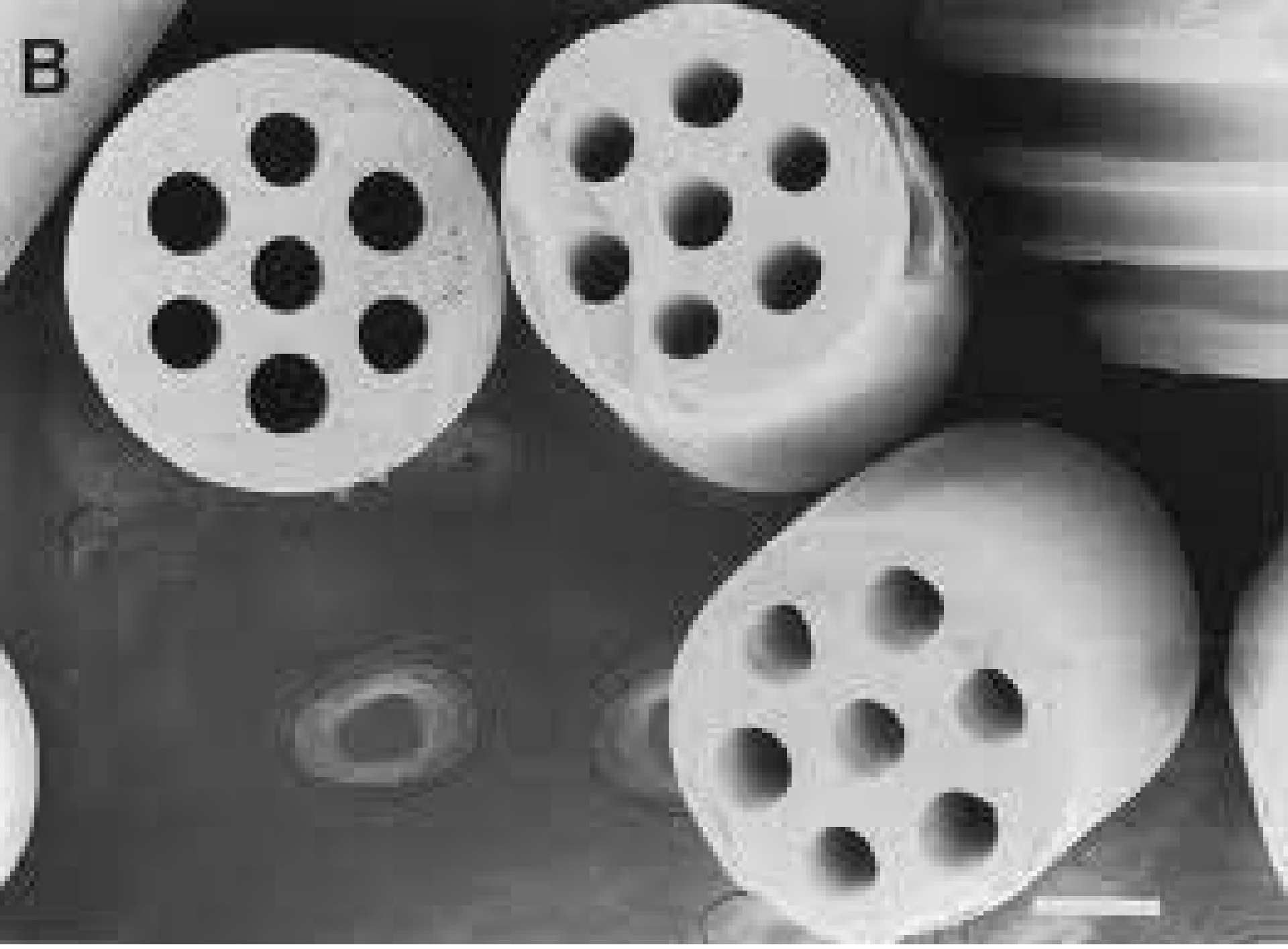
Future Technical Applications: Ceramic Engineering

- Hi-Tech Implications
  - Filteration
  - Custom Parts
  - Hi Temperature applications
  - Bio technology



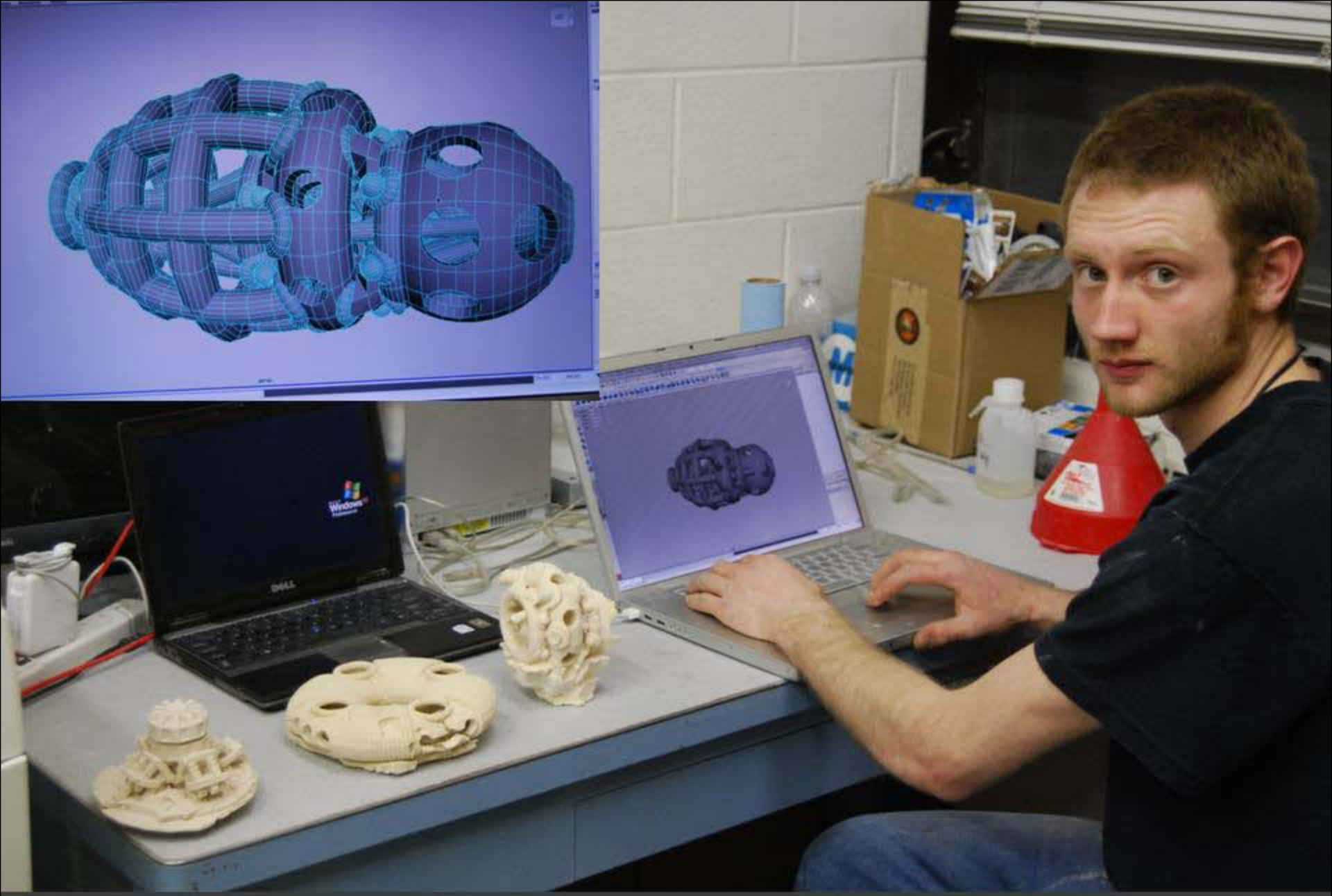
BorgWarner



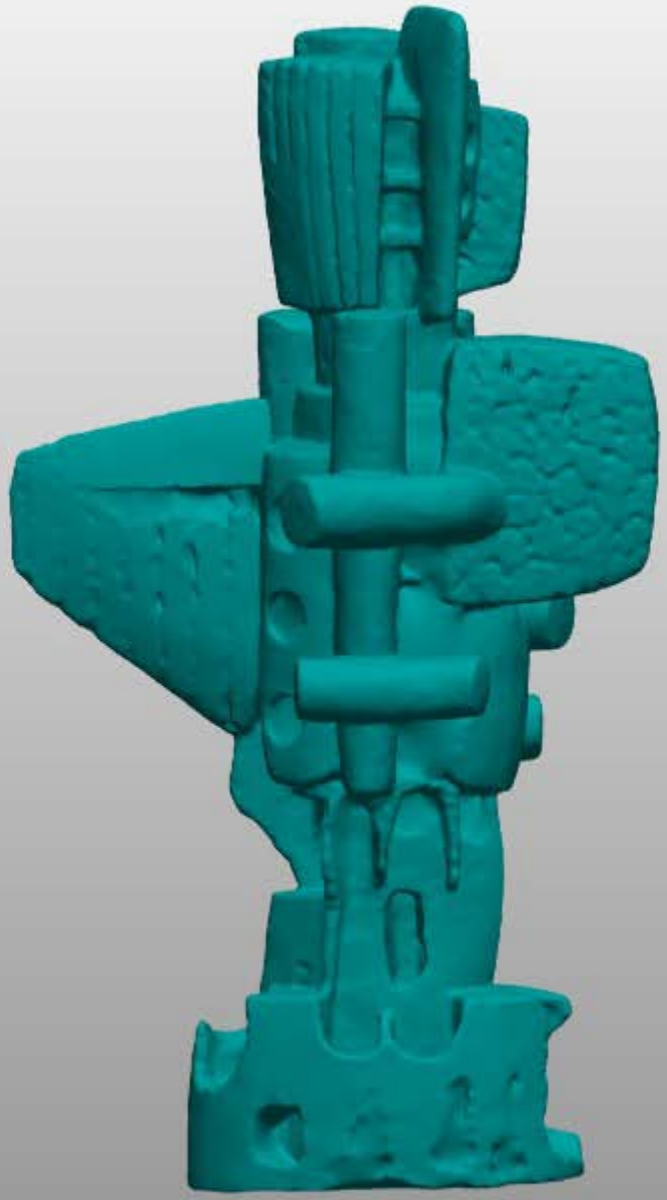

B

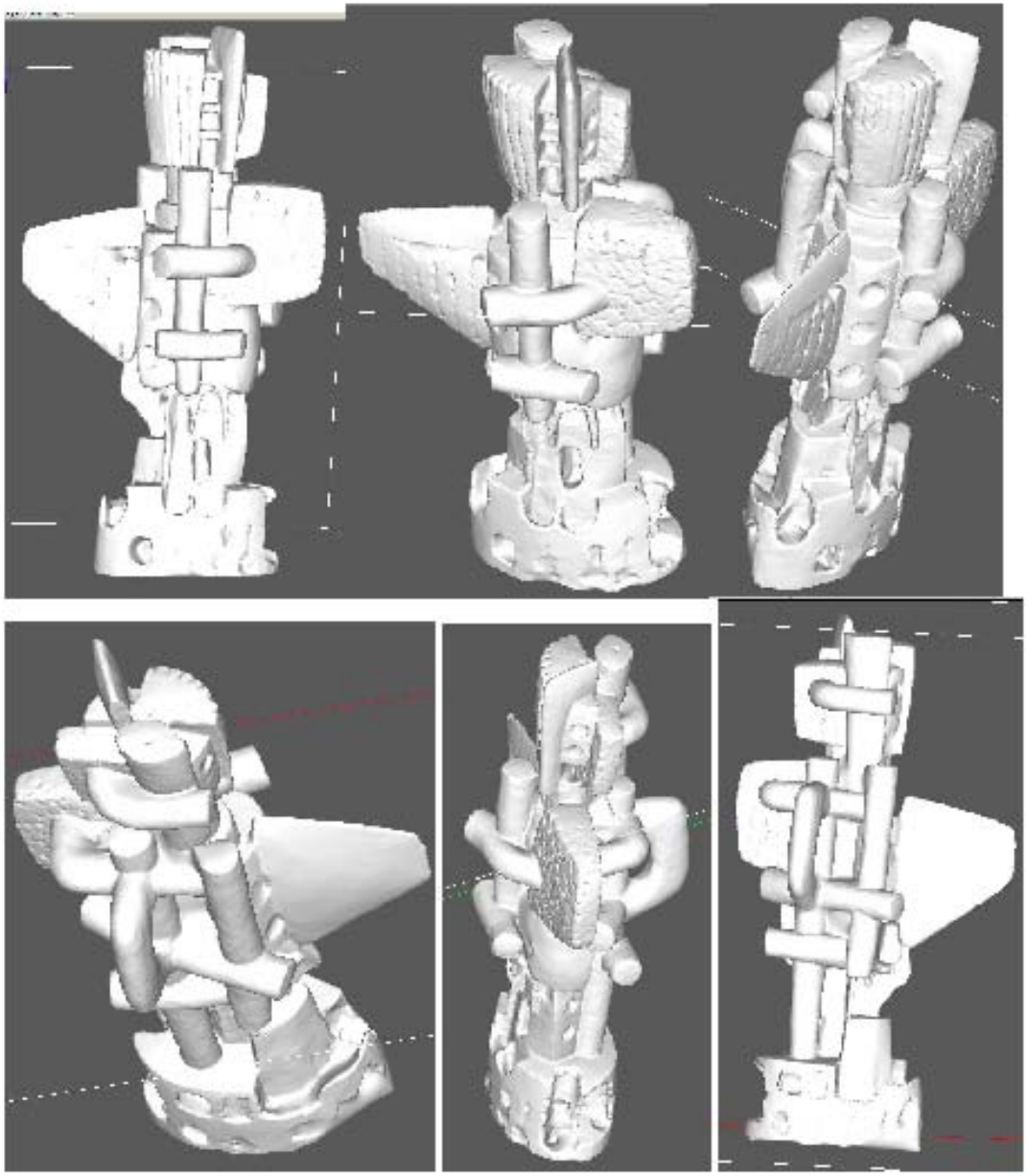

9 / 4 / 12 - 1c
9 / 4 / 12 - 1b
9 / 4 . 12 - 1a

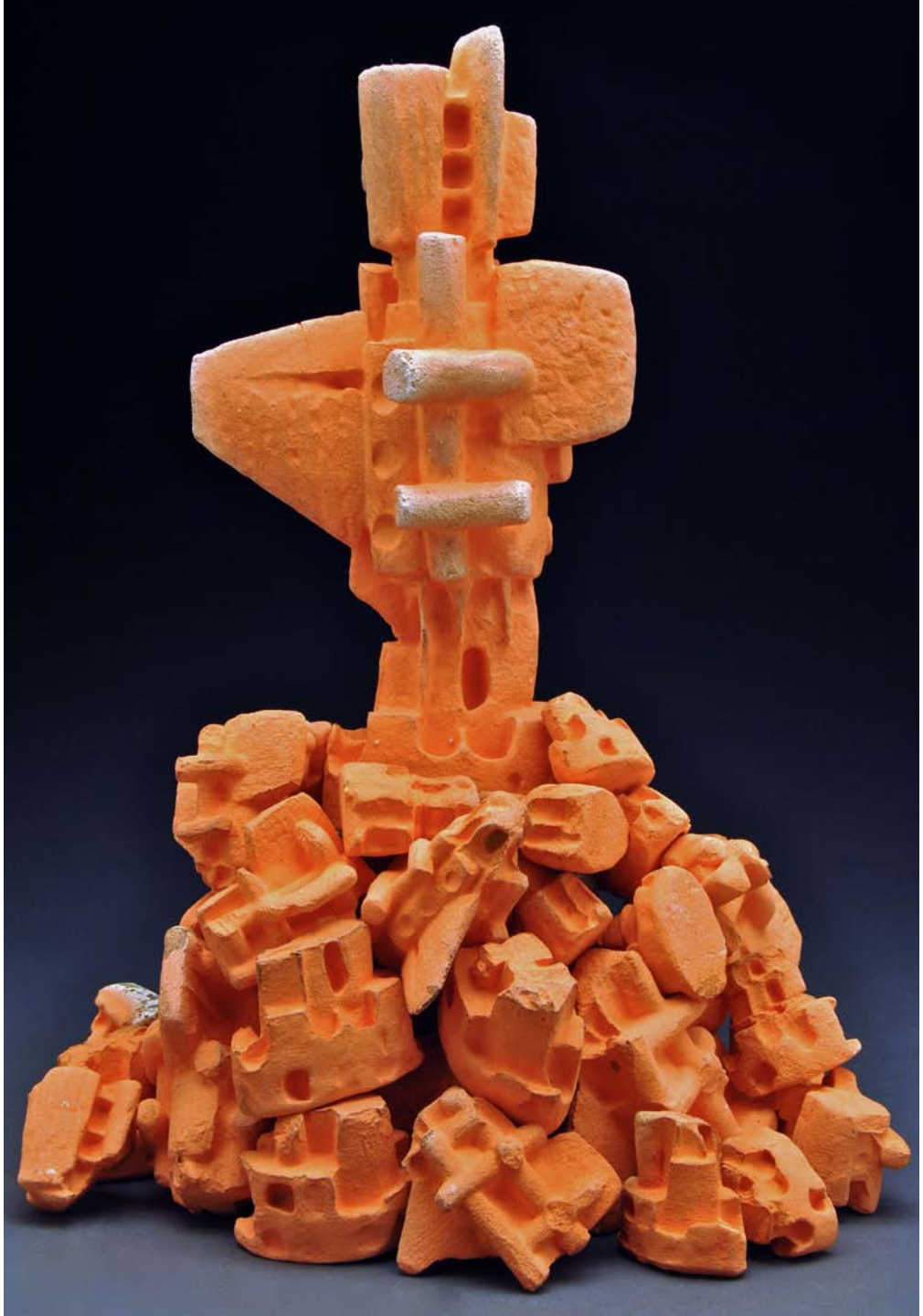

← 10 SS - 200
5 CMC . 200
- 5 SS
5 CMC
200



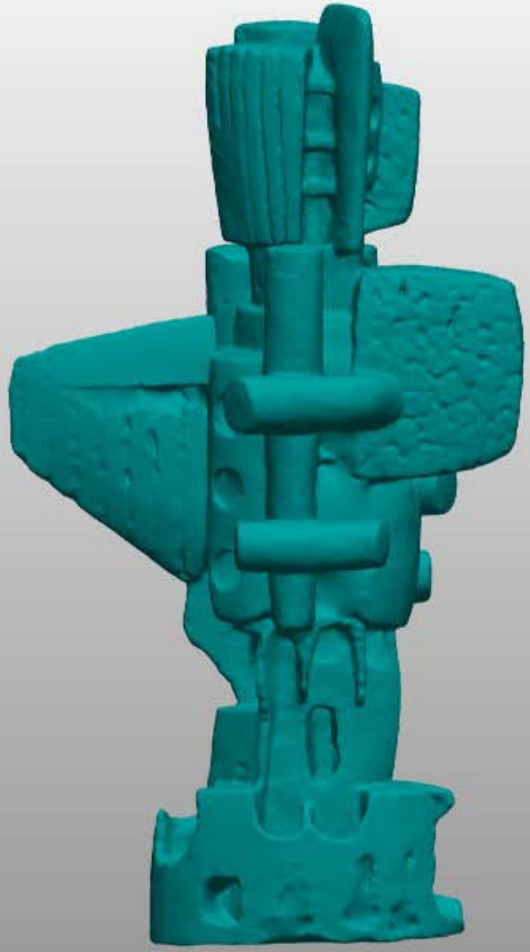
Greg Pugh Undergraduate Ceramic Major

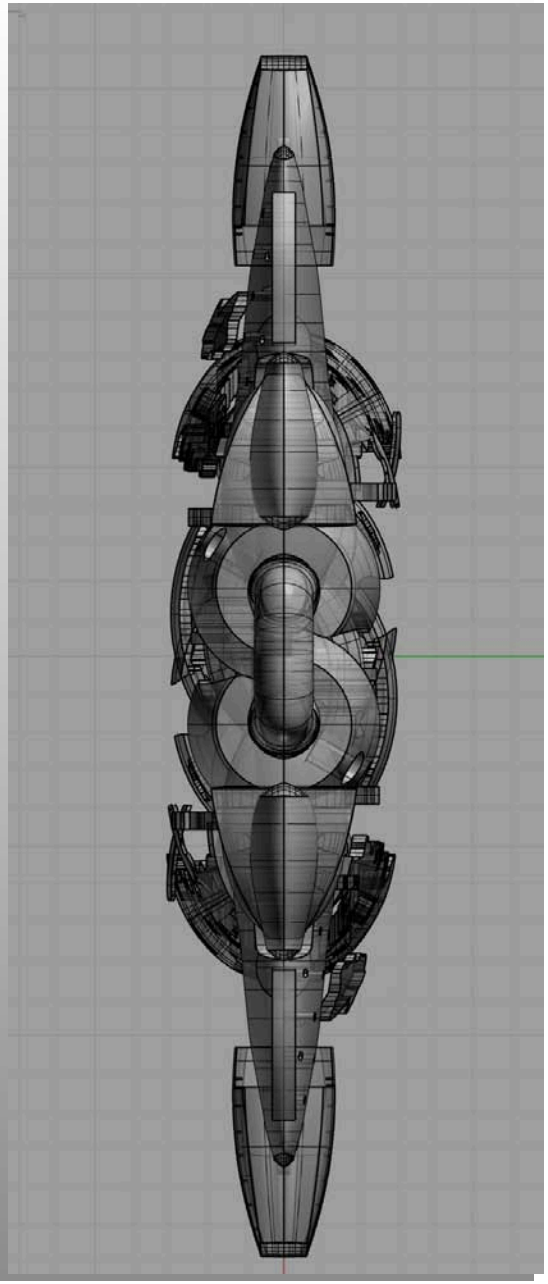


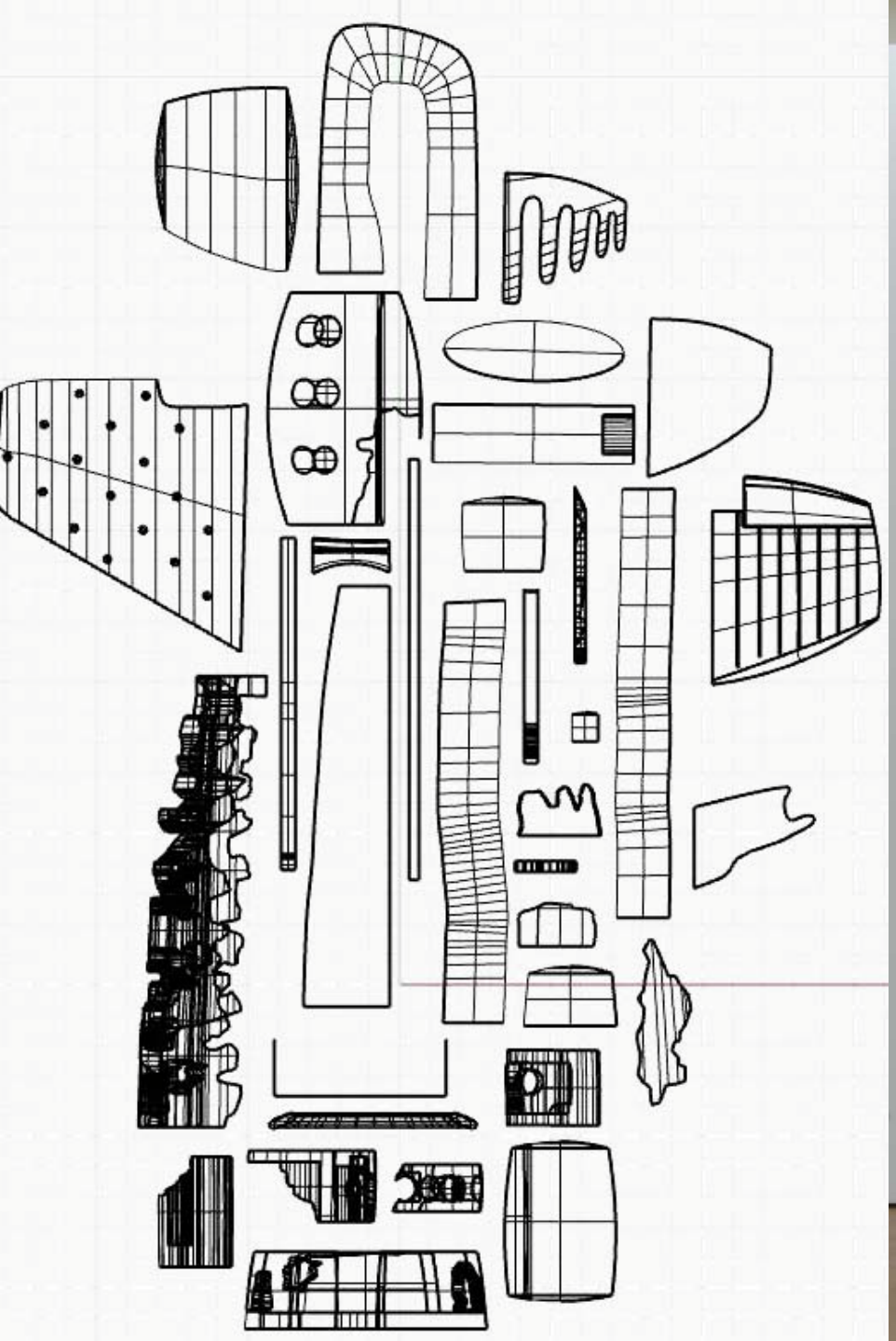




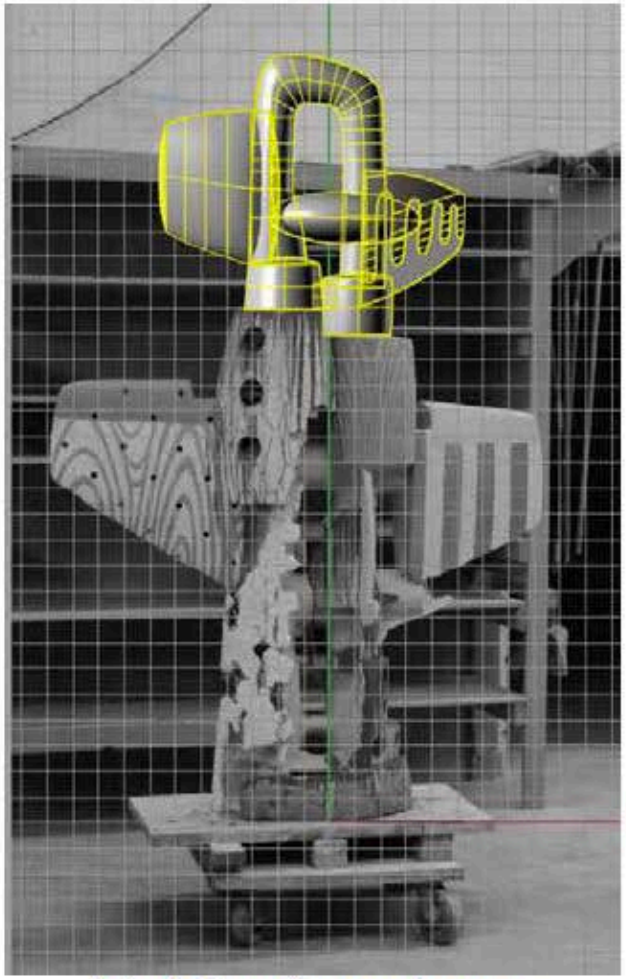

BIG CLAY: The Bray 60th Celebration



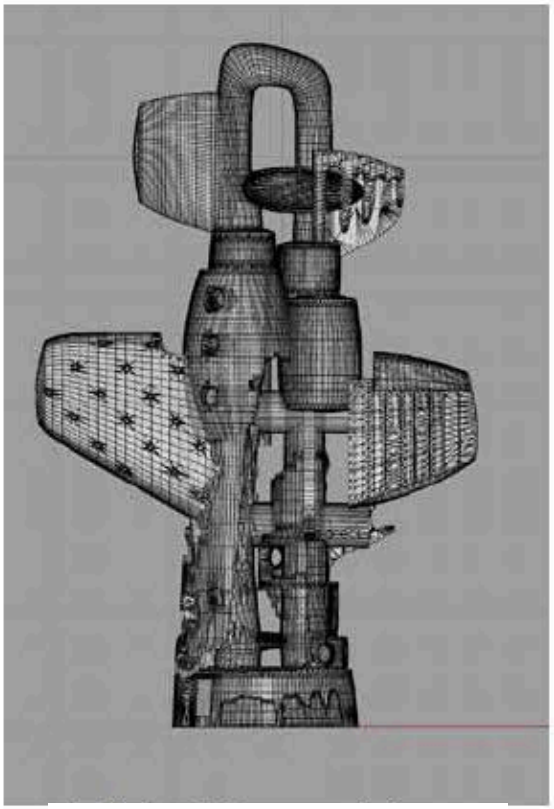




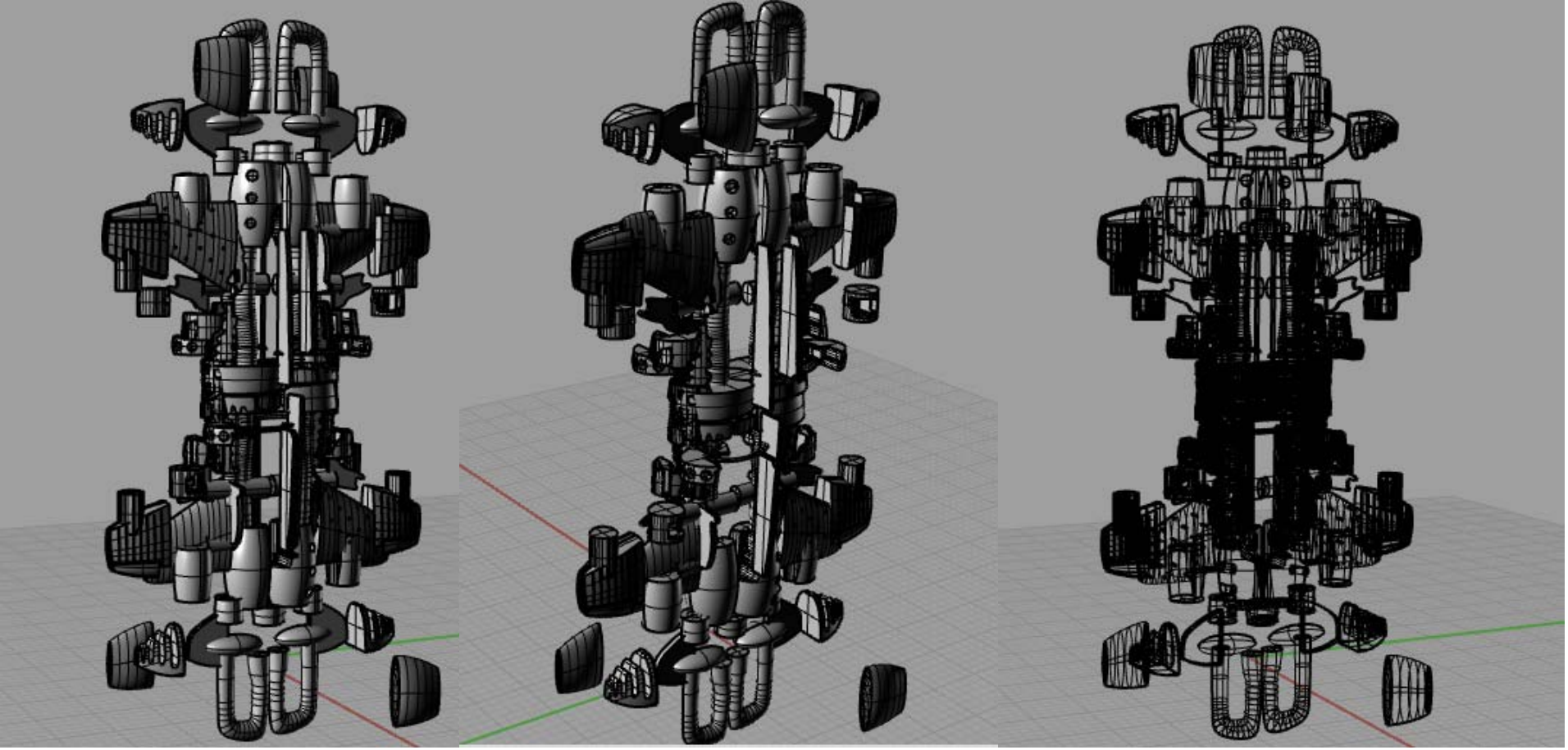
Original

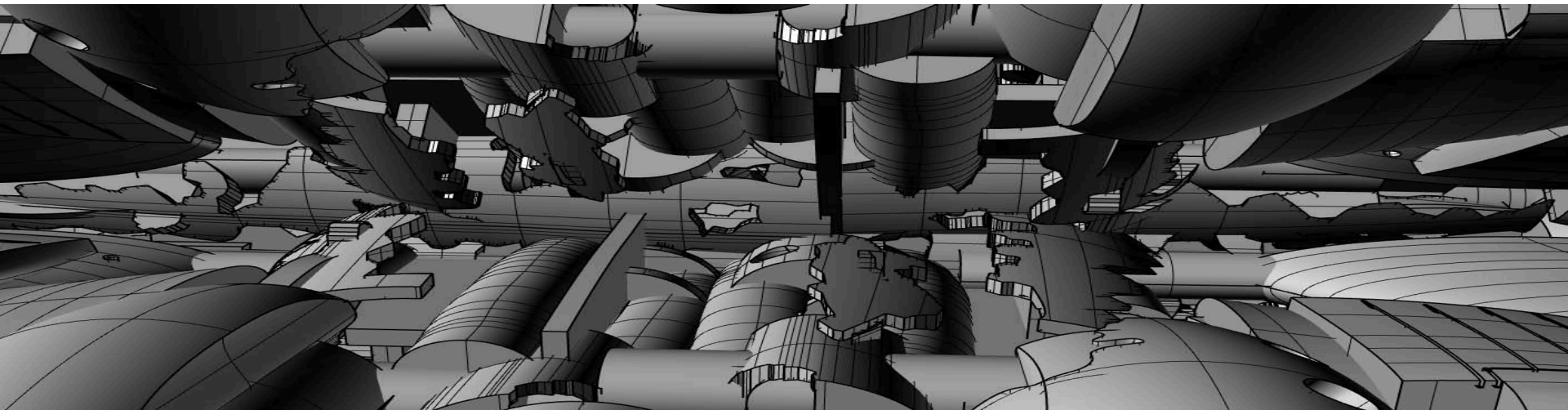


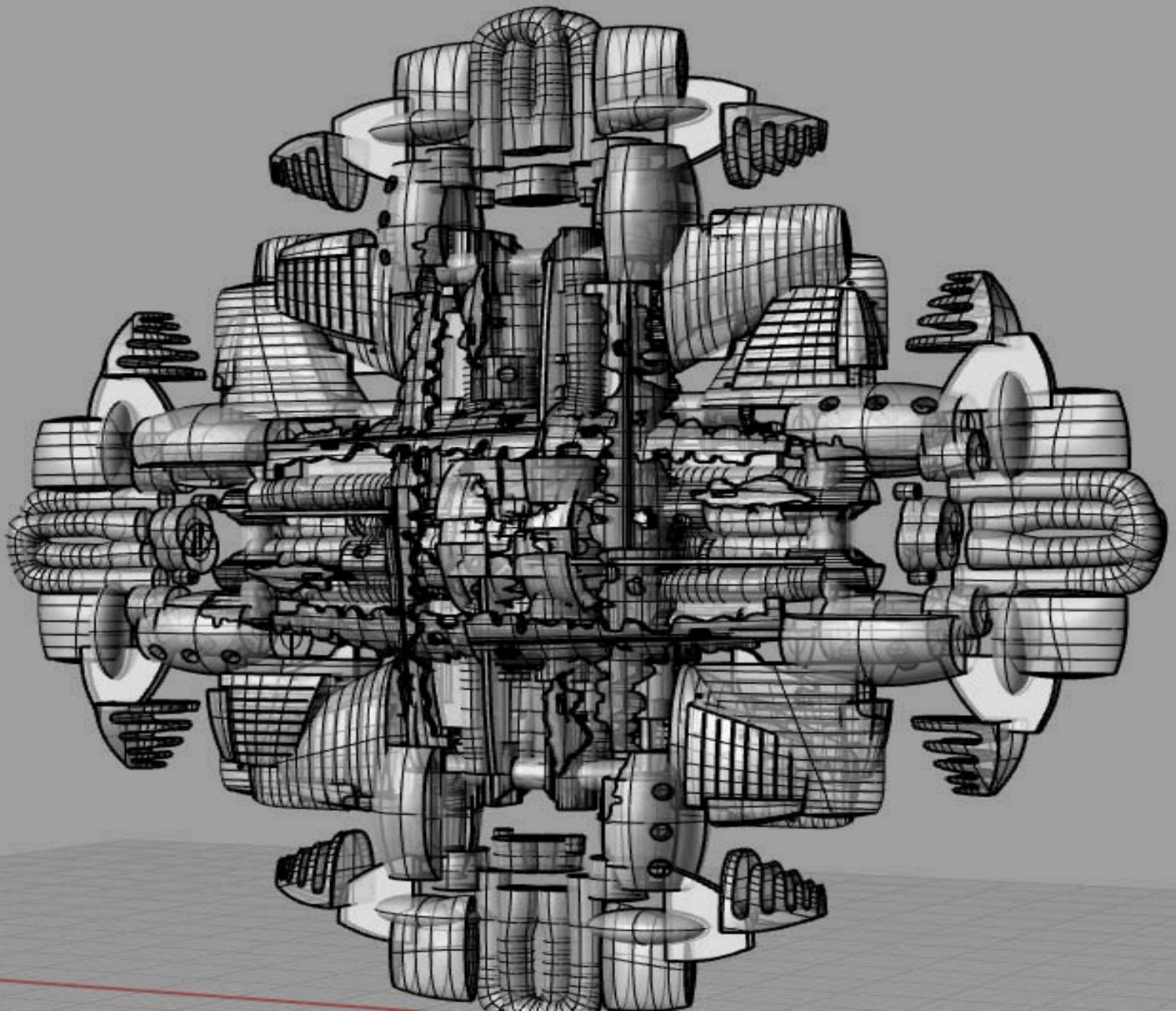
Modeling from pictures

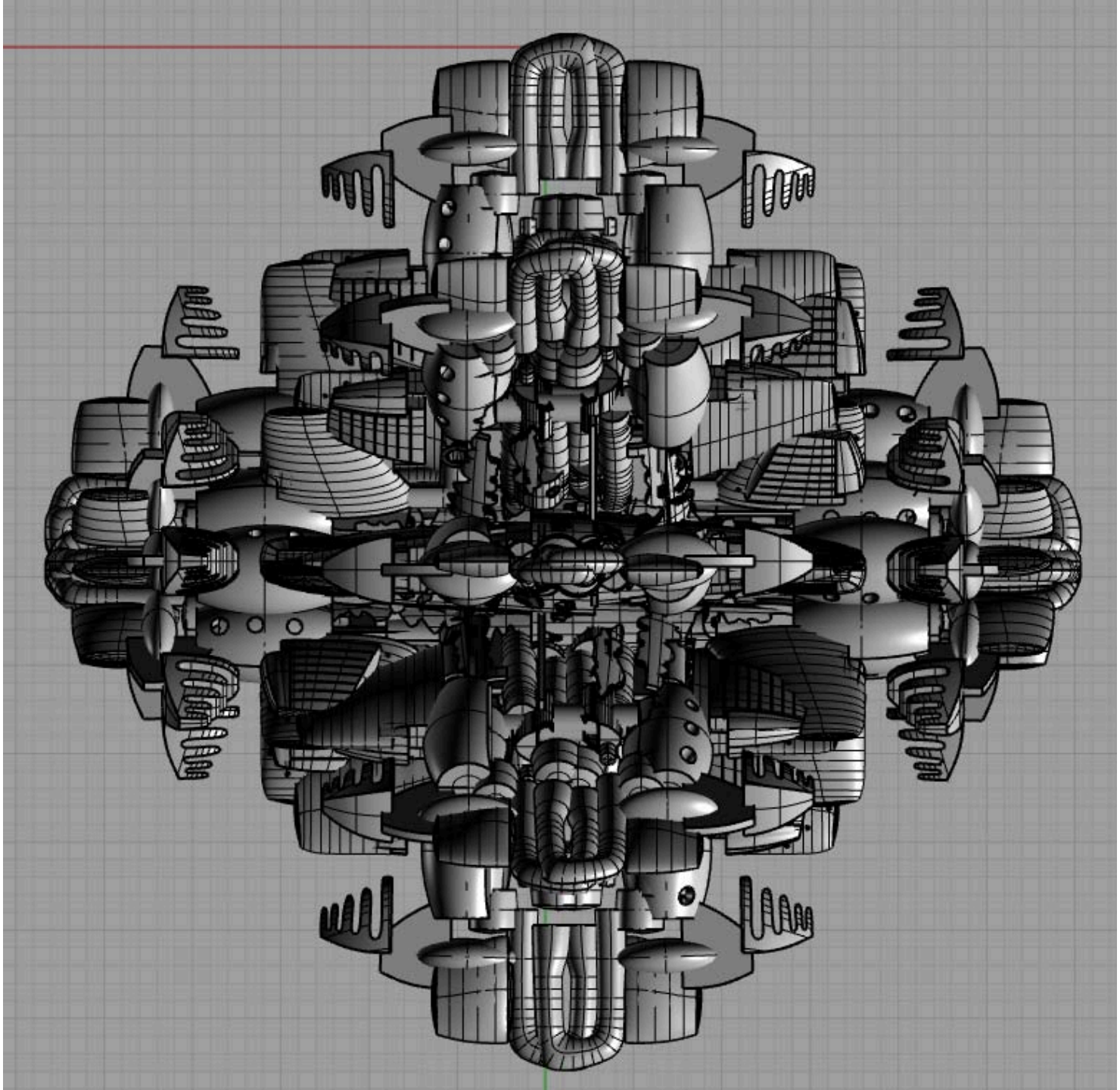


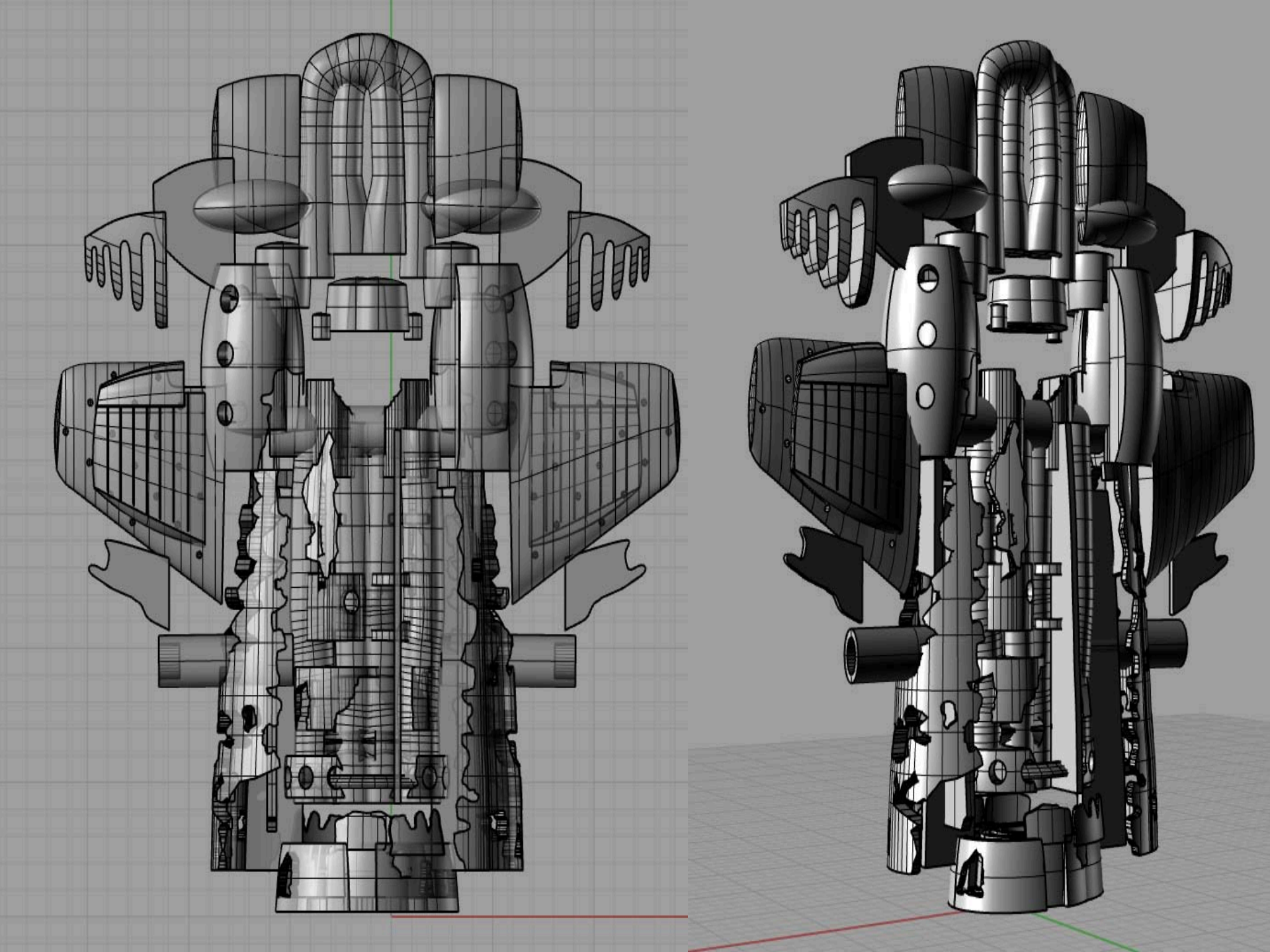
Digital Recursion

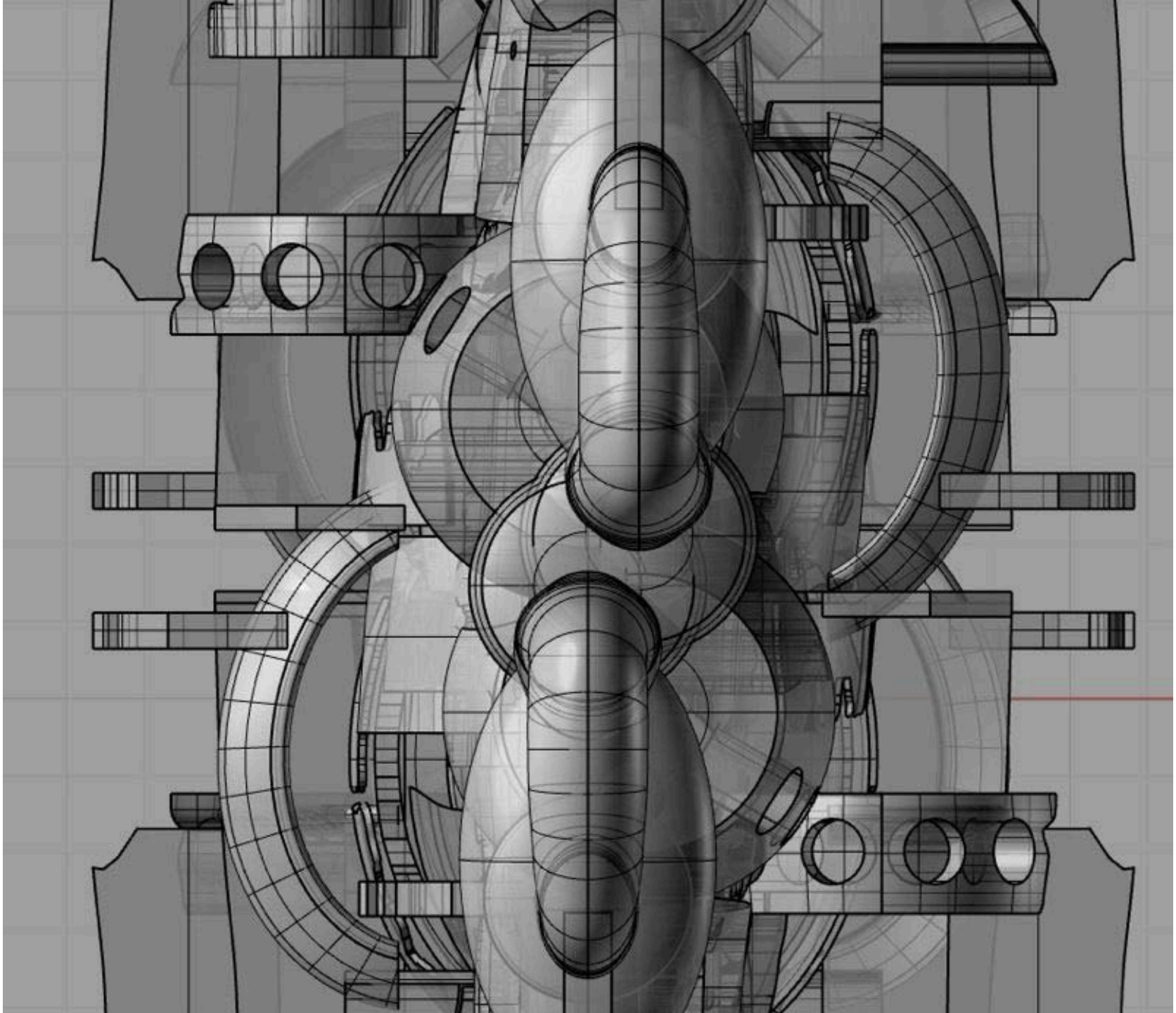


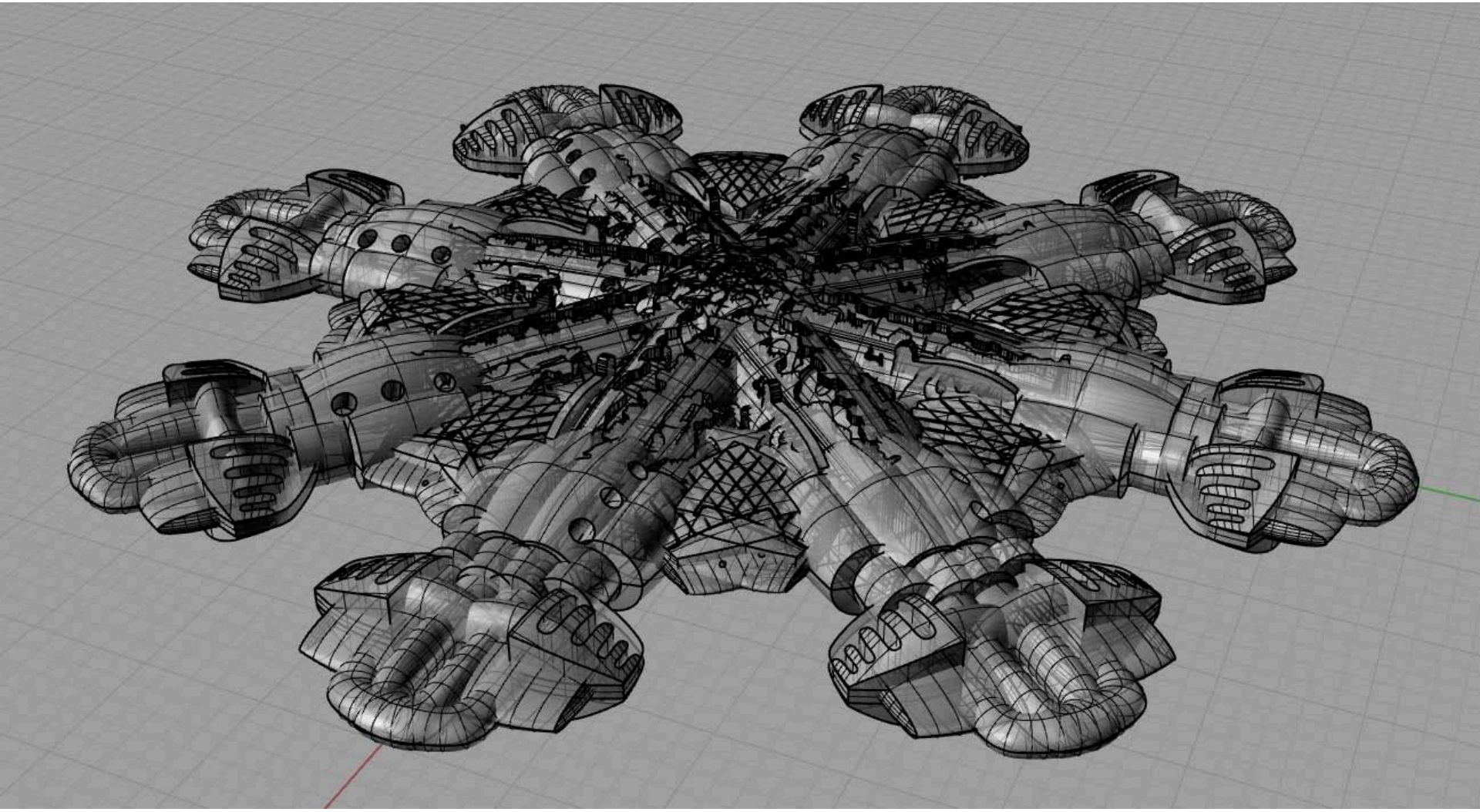


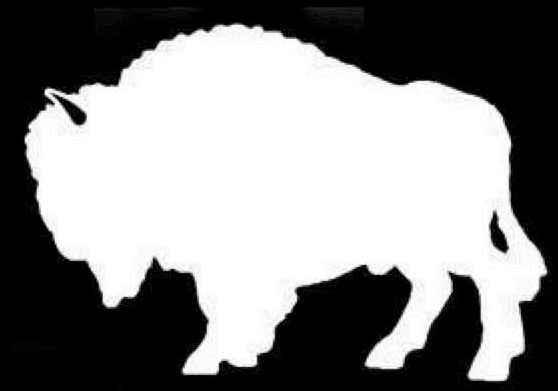












Tethon 3D

Innovative Ceramic 3D Printing

Advantages of Ceramics

Corrosion resistance

Hardness

Beauty

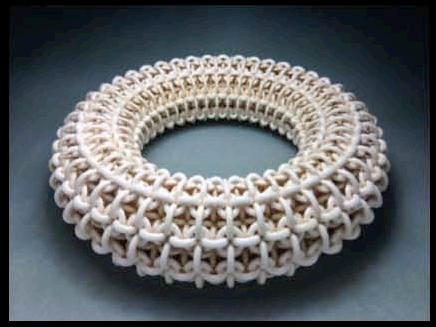
Heat resistance

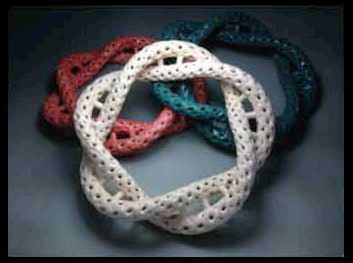
Wear resistance

Low density

Inert

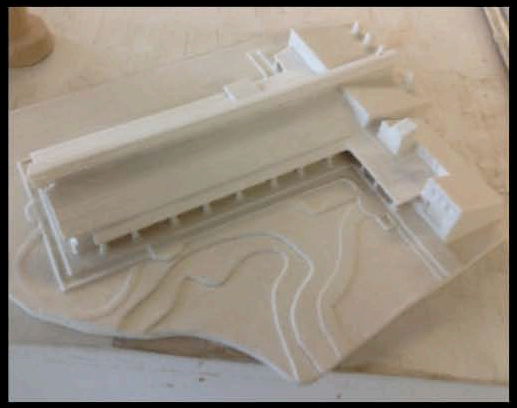
Controllable thermal, magnetic
& electrical conduction





Fine Arts

Uses of Ceramic 3D Printing



Manufacturing and design

Uses of Ceramic 3D Printing


MECCA POTTERY TOOLS
TETHON 3D
Tethon 3D
Innovative Ceramic
3D Printing
porcelain
earthenware
stoneware
Tethon 3D
manufacturing
biomedical
fine art

THANK YOU