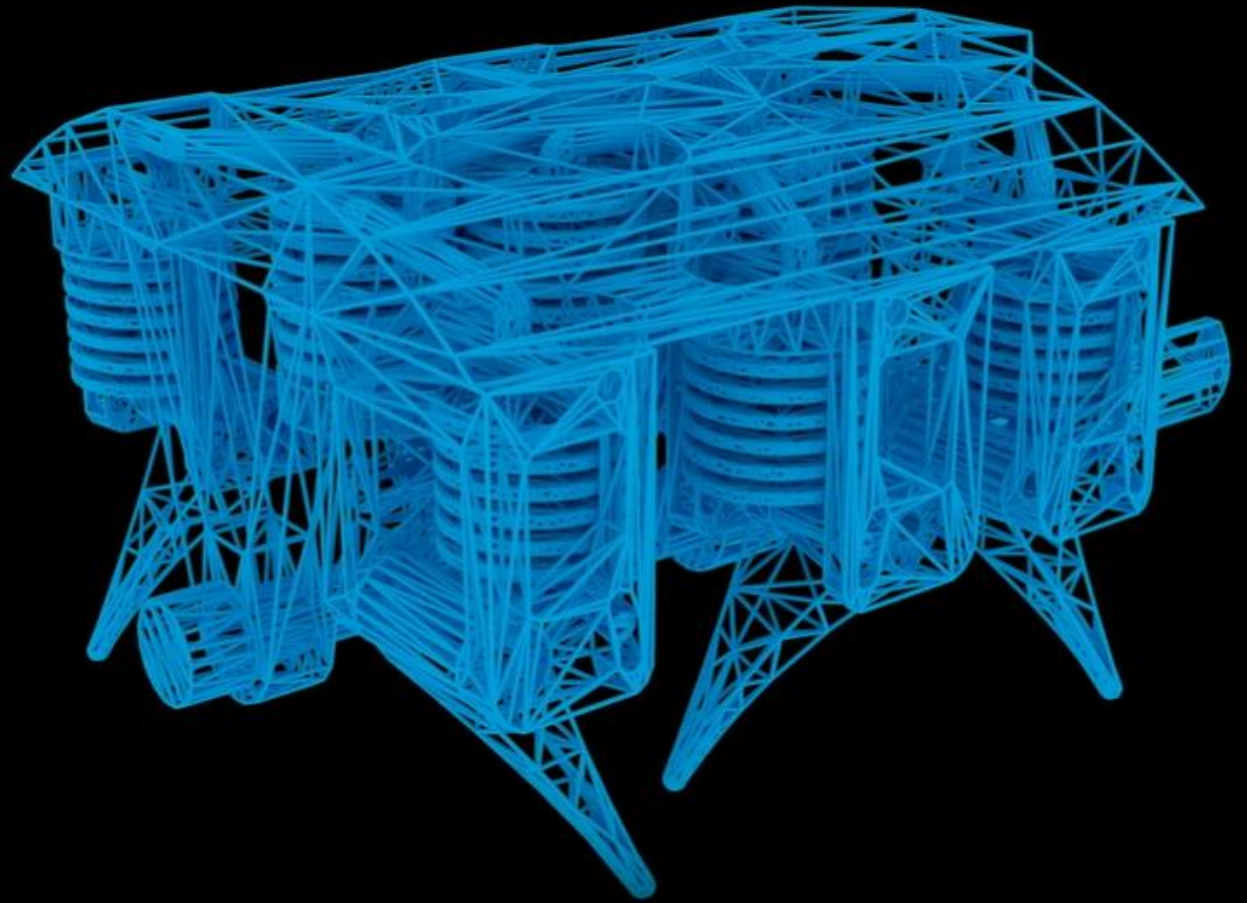


PolyJet™ Research Software Package





Introducing Stratasys J Series 3D Printers

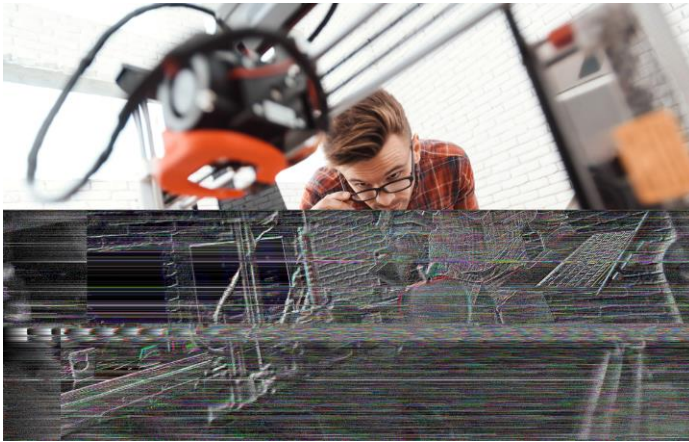
Design realism.
That meets your needs.
At an affordable TCO.

Stratasys Confidential

What is the research package?

Software solution with a series of features that push material jetting to the next level.

Is Research Package for you?



- Researchers and academics seeking flexibility and advanced software tools.



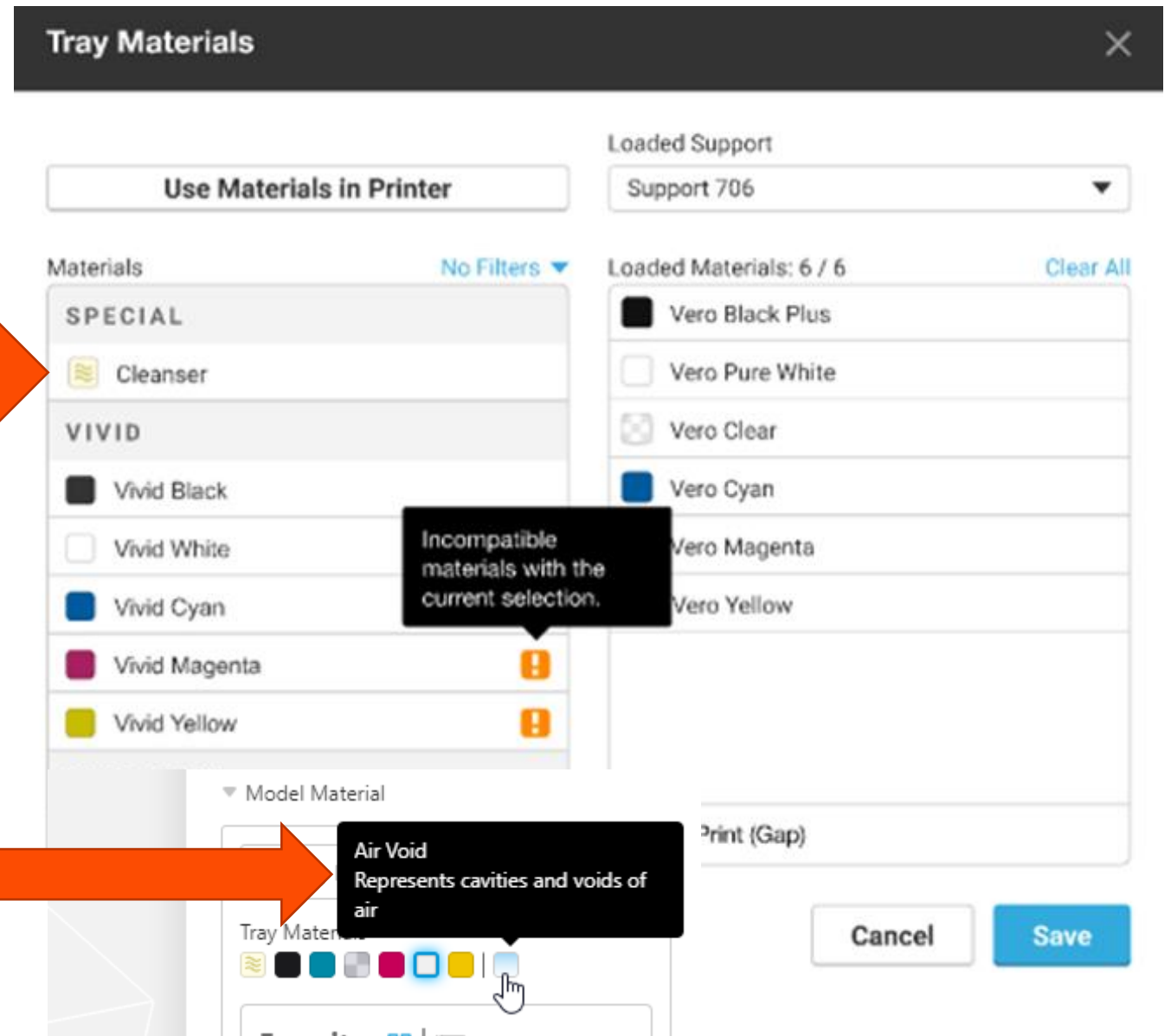
- Innovative designers in need of features that will enable complex technology and multi-material usage



- Entrepreneurs seeking to save time and produce groundbreaking prototypes

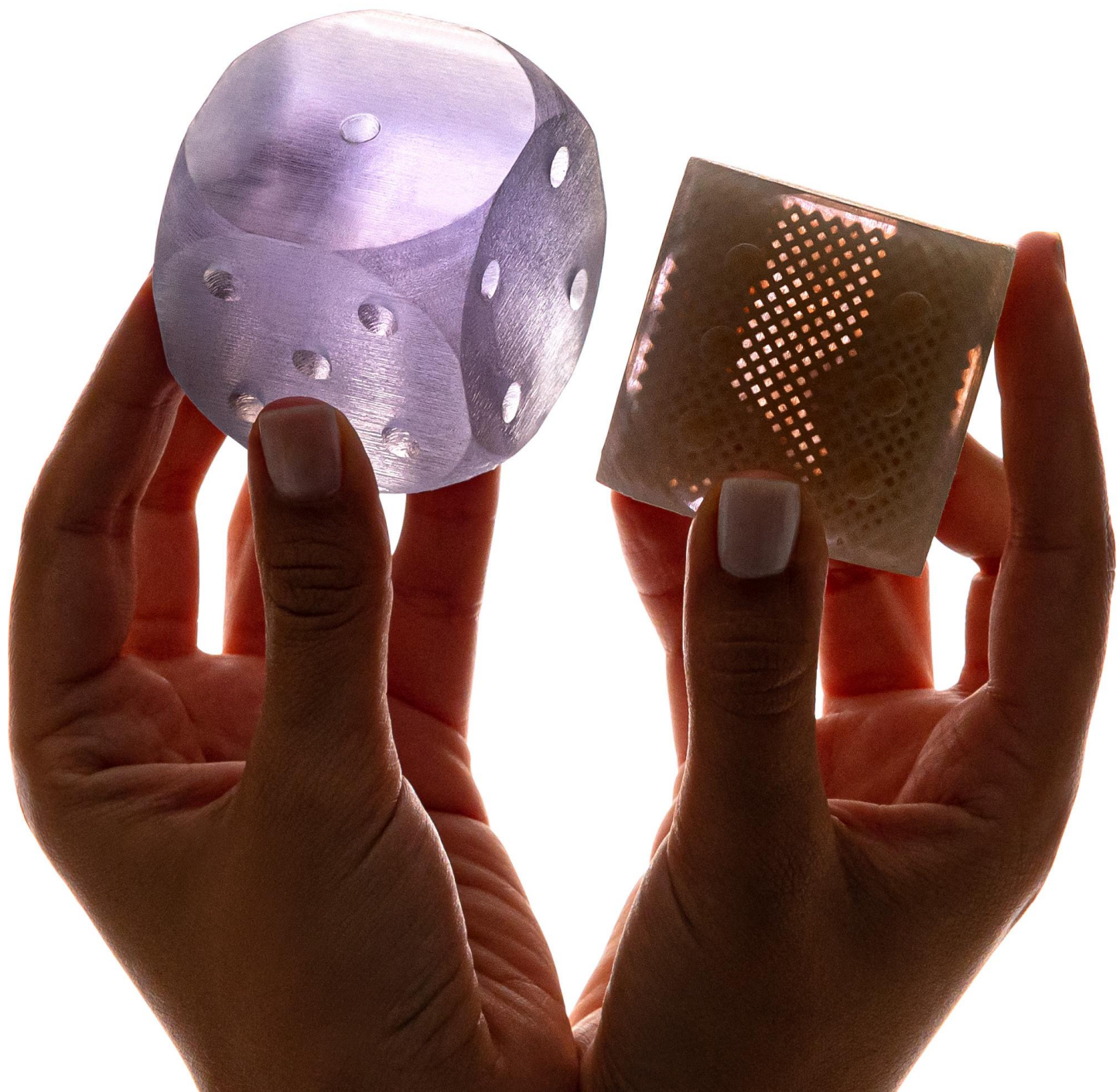
Shut Up & Show me the features

Liquid & Air Printing

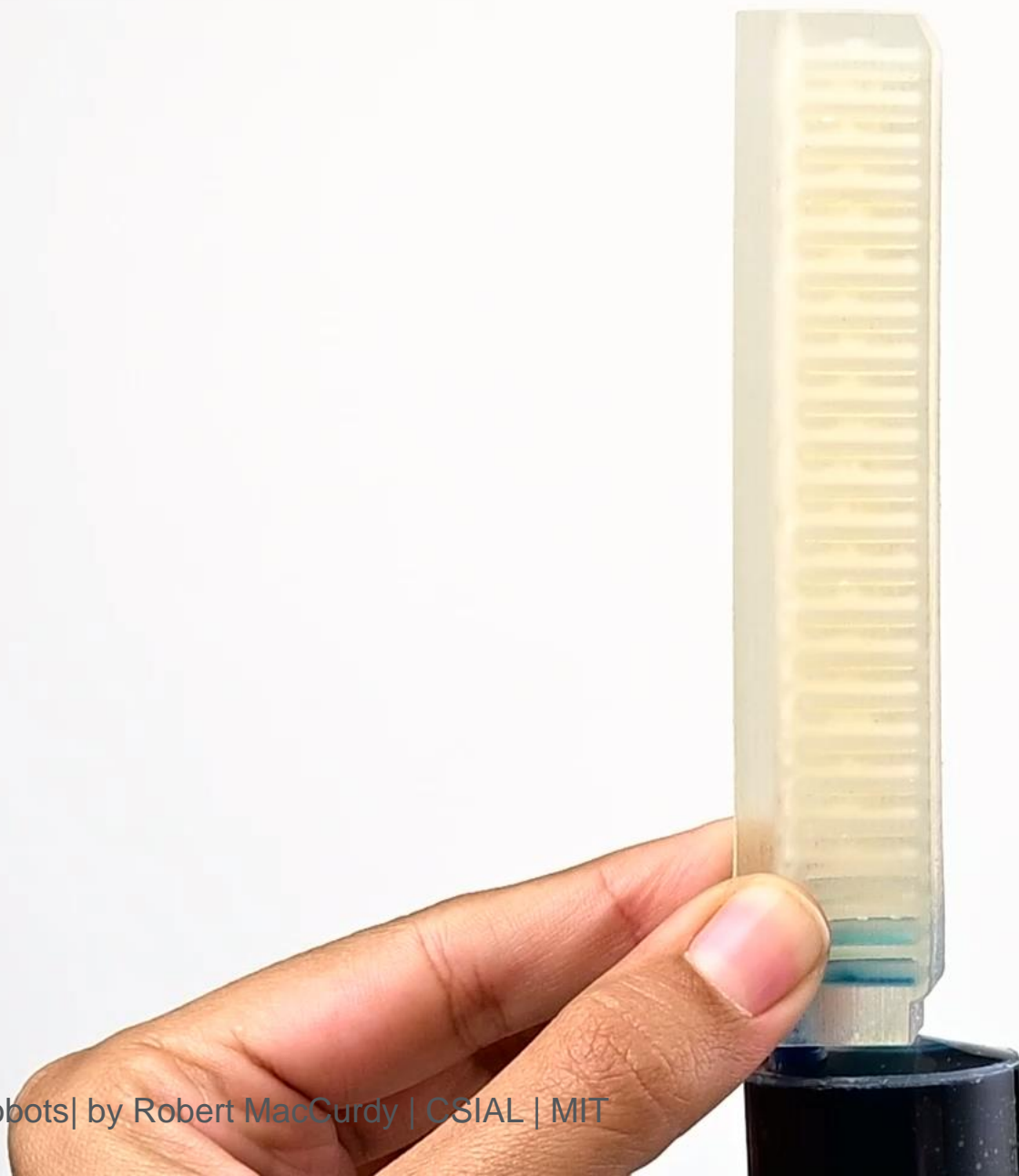




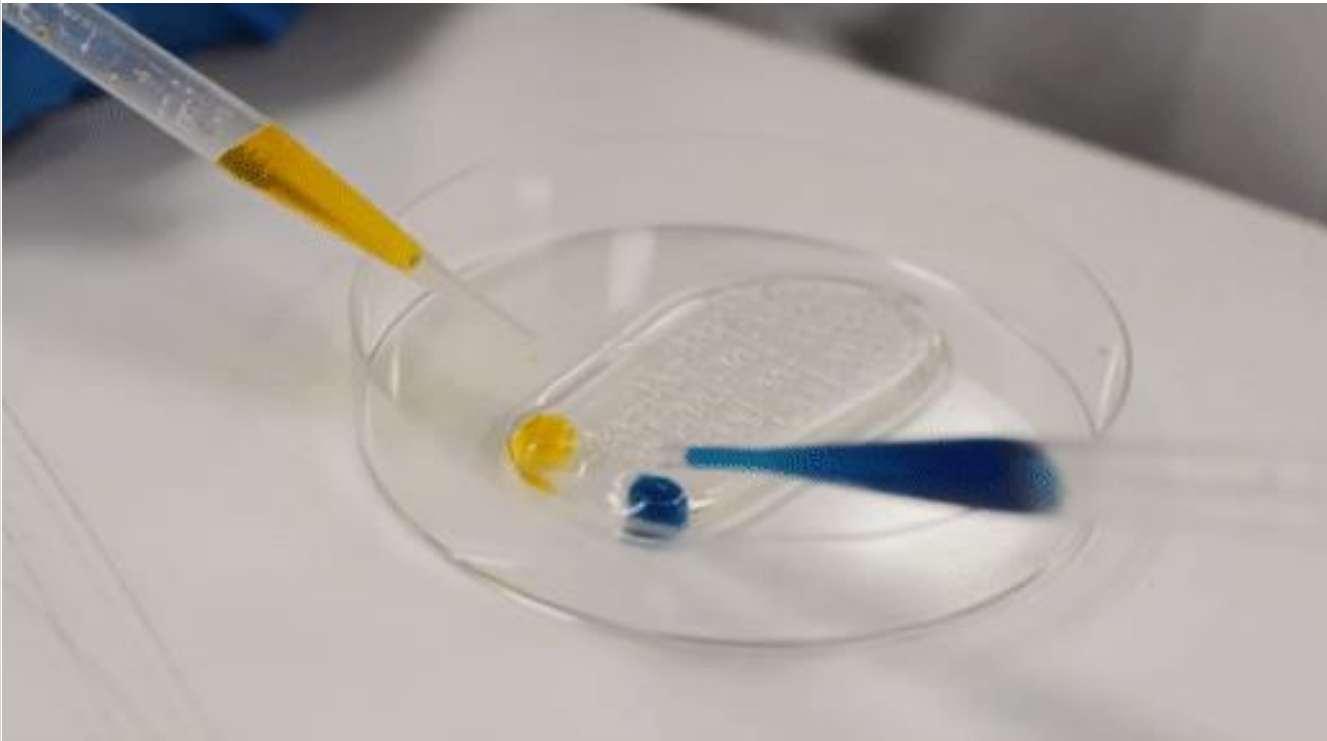
Air Voids Print

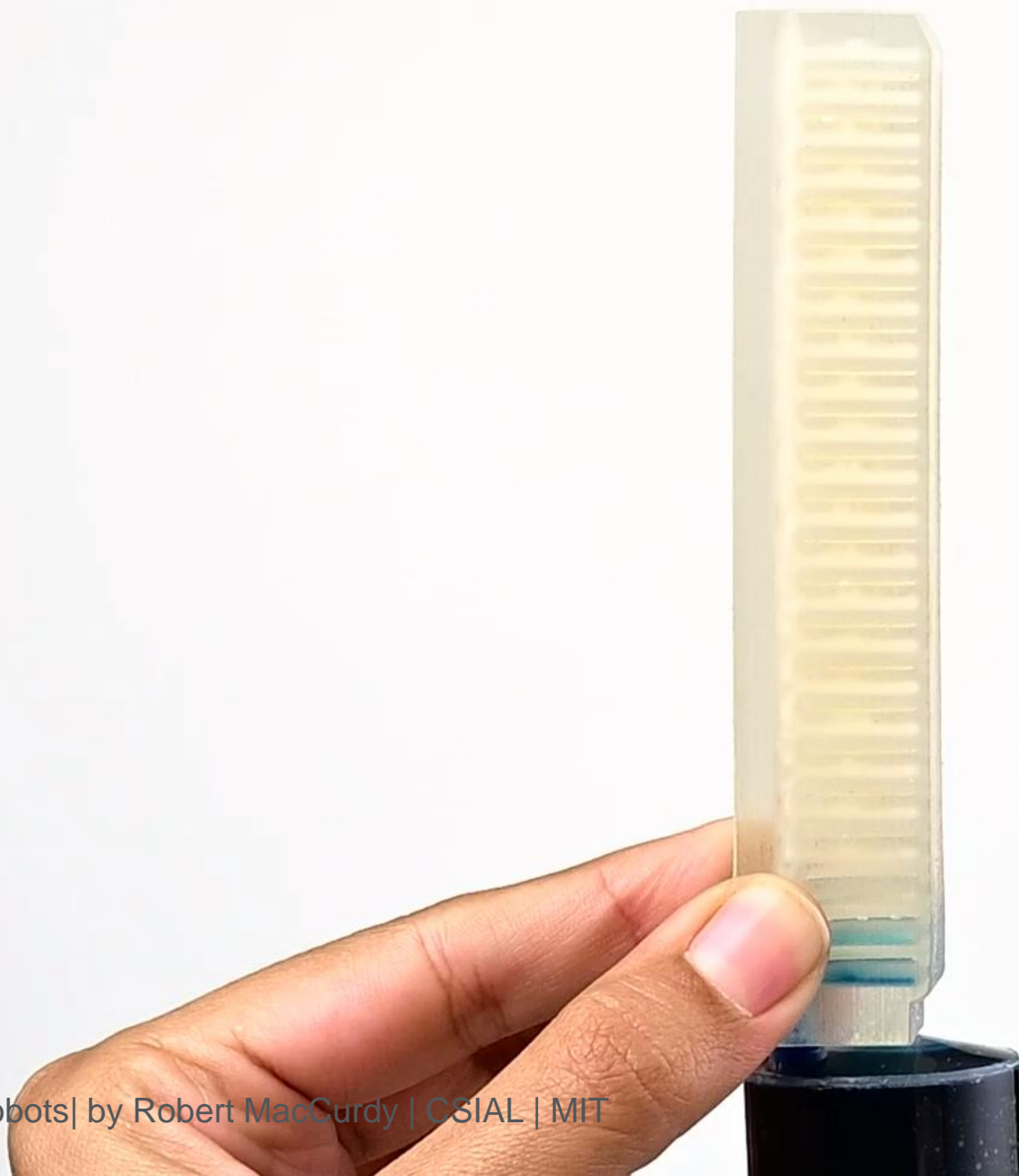


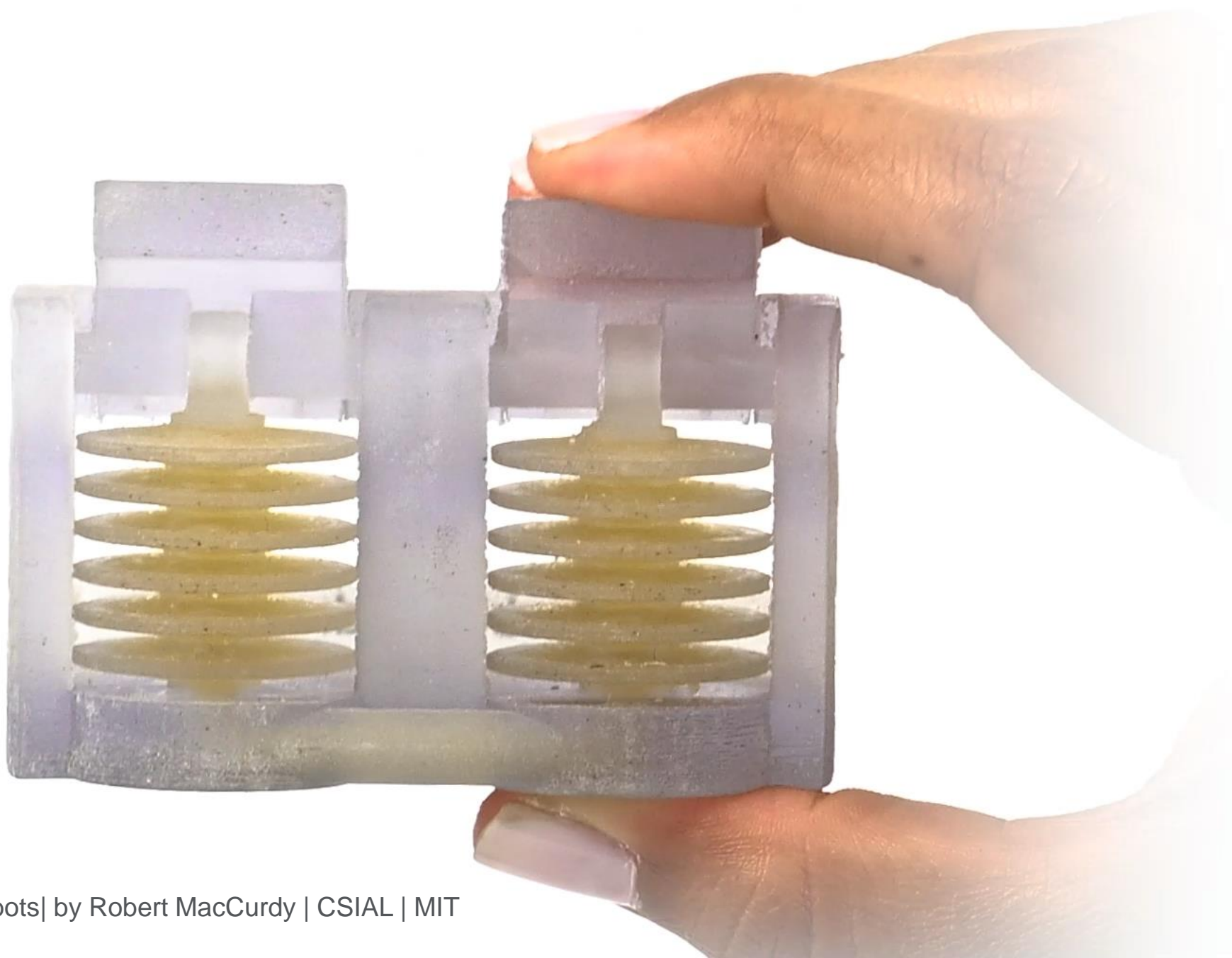


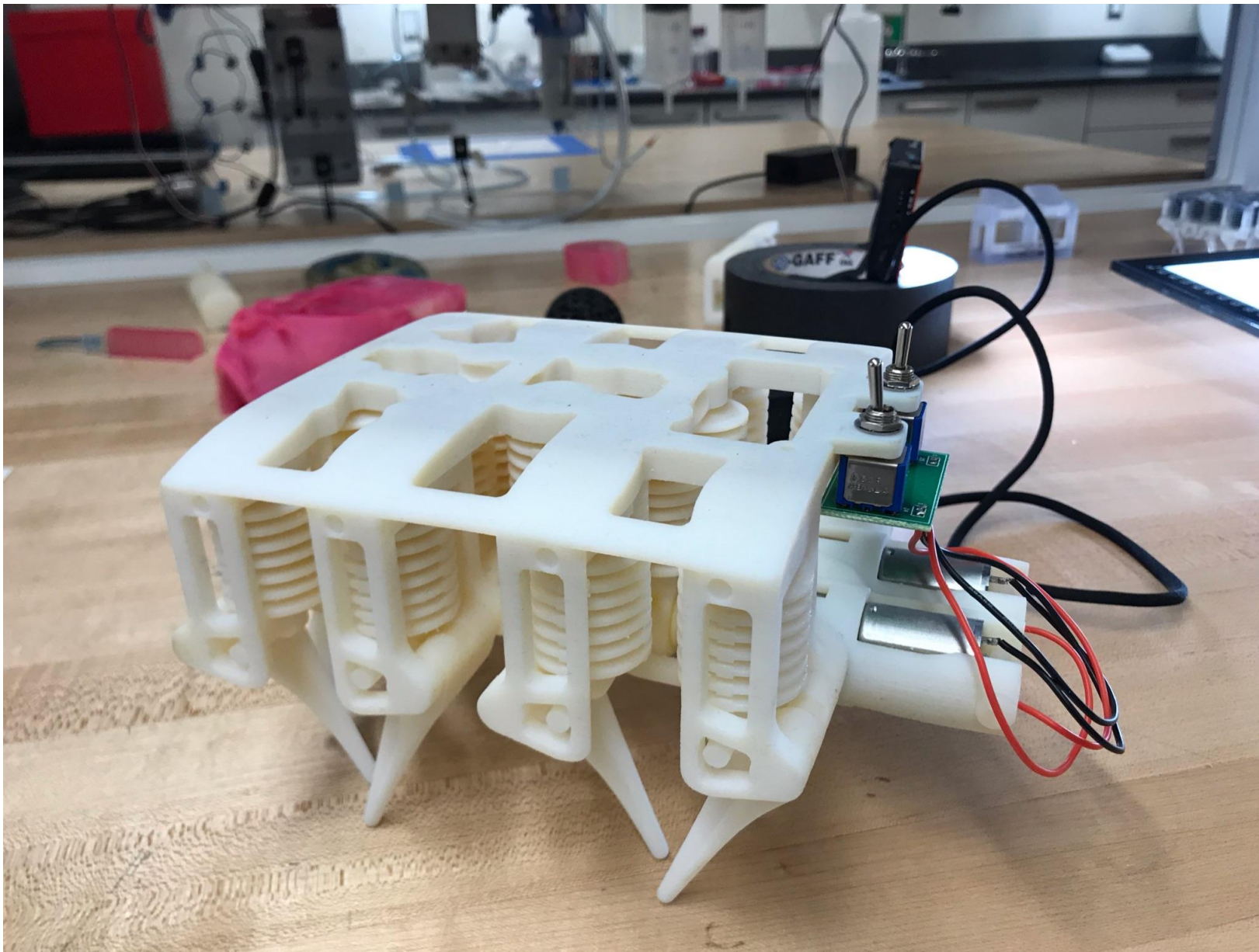


Lab on a Chip

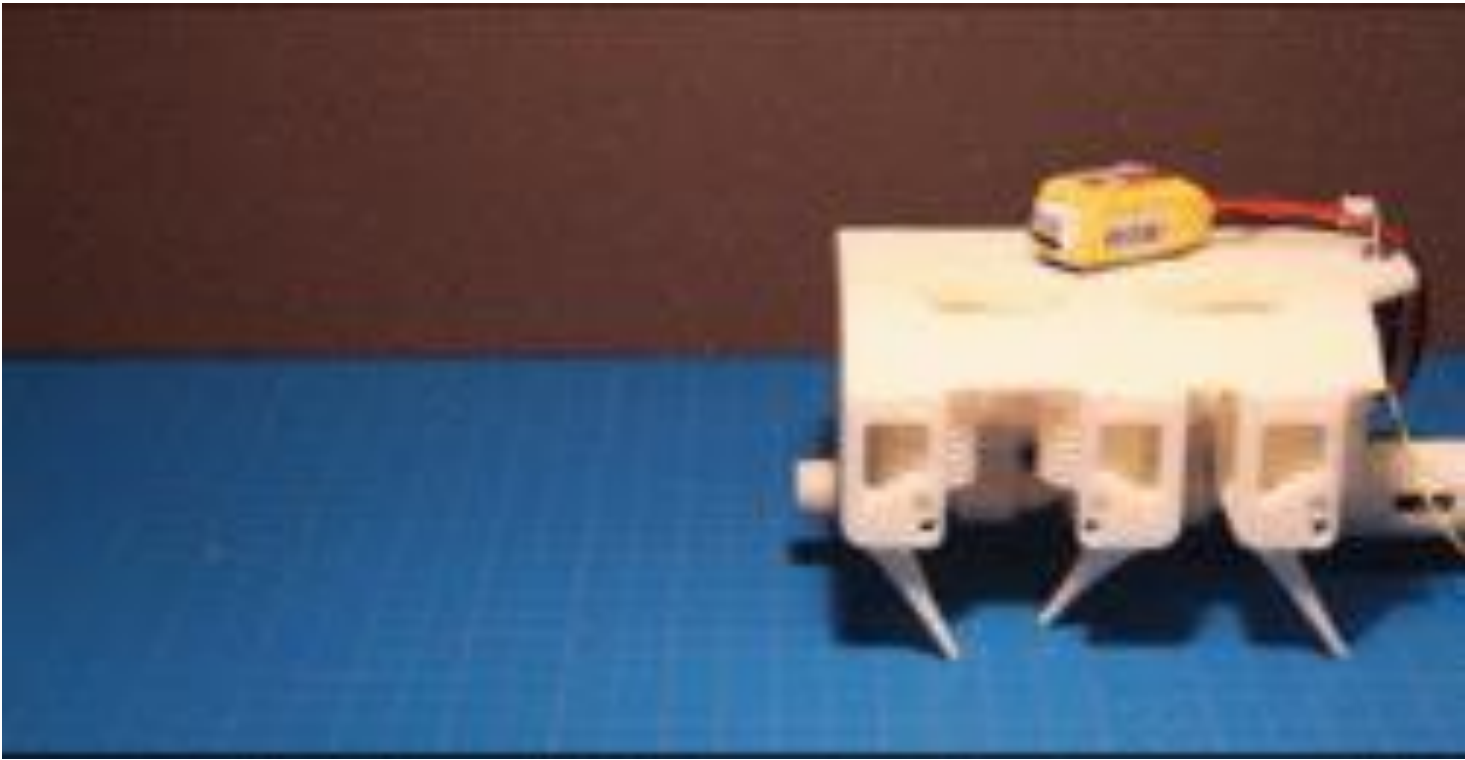








Printable Hydraulic Robots| by Robert MacCurdy | CSIAL | MIT | <https://www.youtube.com/watch?v=3EAMCqH31Vo>



Pause the Print

Research Package Options

☐ Print directly on tray (no pedestal, carpet)

Planned stops

Add a stop

Stop 3

5,065

/24,022

I

1.01

mm

Stop 2

500

/24,022

I

0.11

mm

Stop 1

232

/24,022

I

0.05

mm

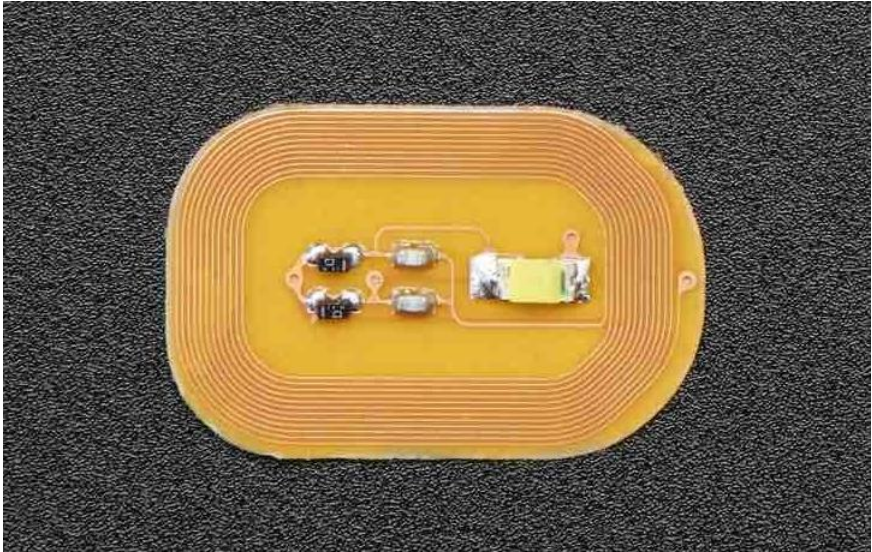
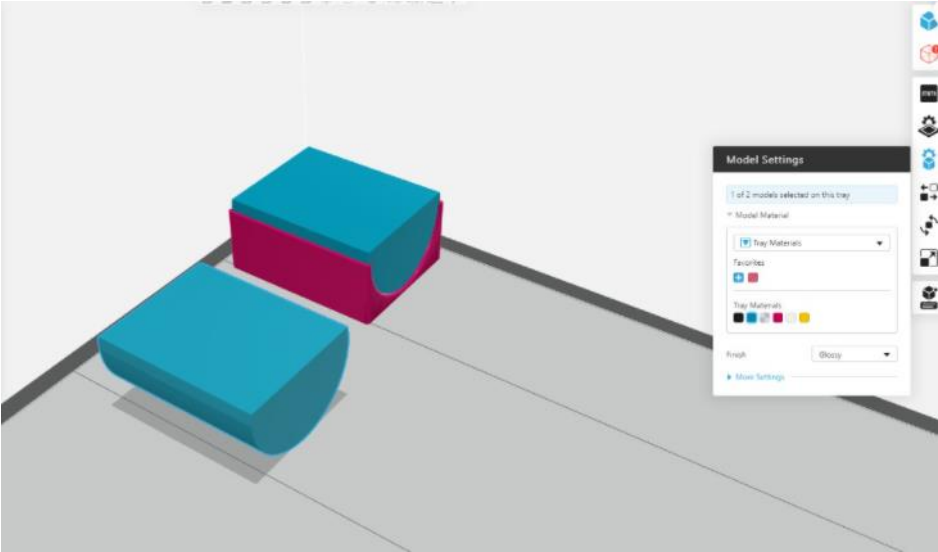
Advanced Support visualization

A 3D visualization of a printed part, a blue rectangular block with a semi-circular cutout on one side, resting on a grey base. A magenta-colored support structure is visible beneath the block. A settings panel titled "Model Settings" is open on the right, showing "1 of 2 models selected on this tray", "Model Material" set to "Tray Materials", and a "Fresh" button. The panel also includes a "More Settings" link and a "Tray Materials" section with color swatches.

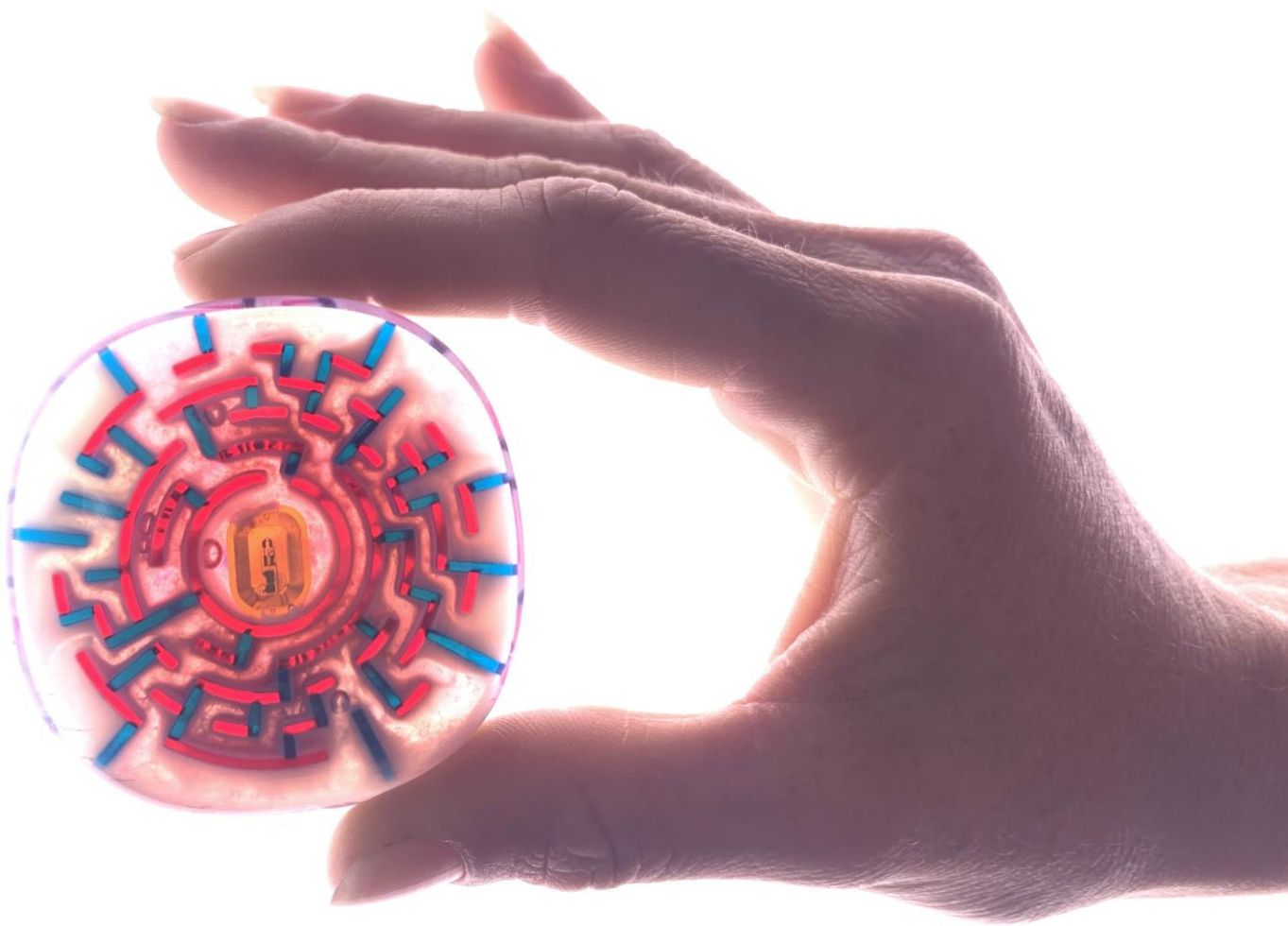
A program that takes you further.

stratasys

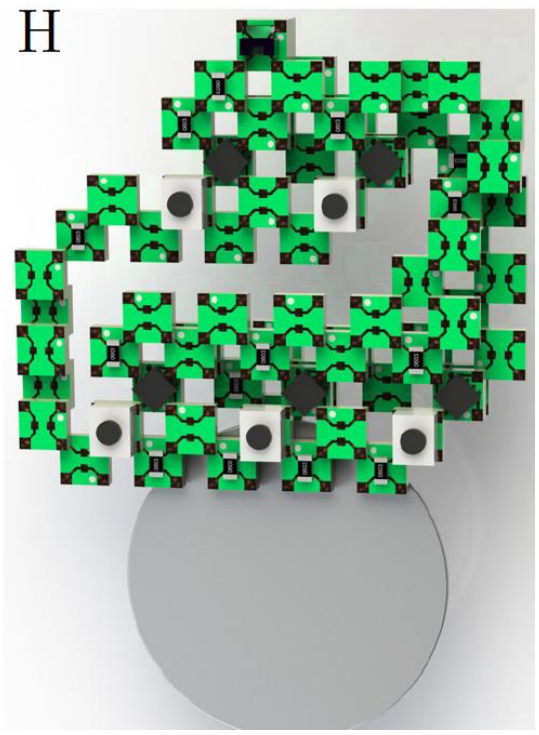
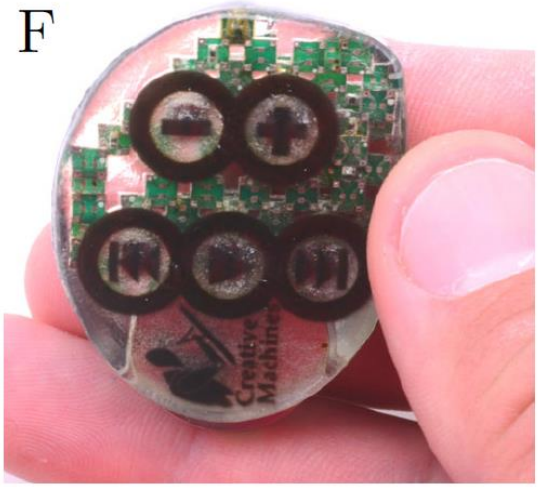
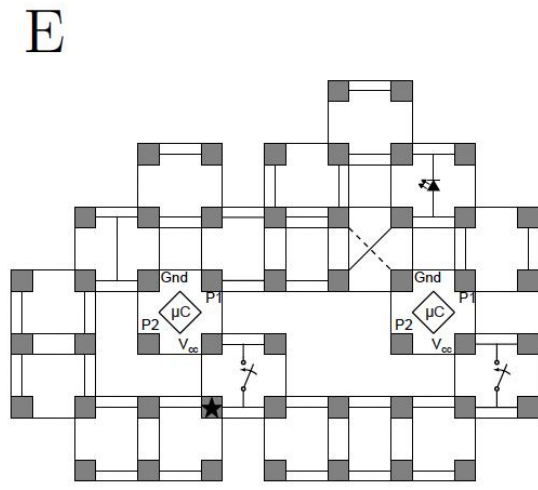
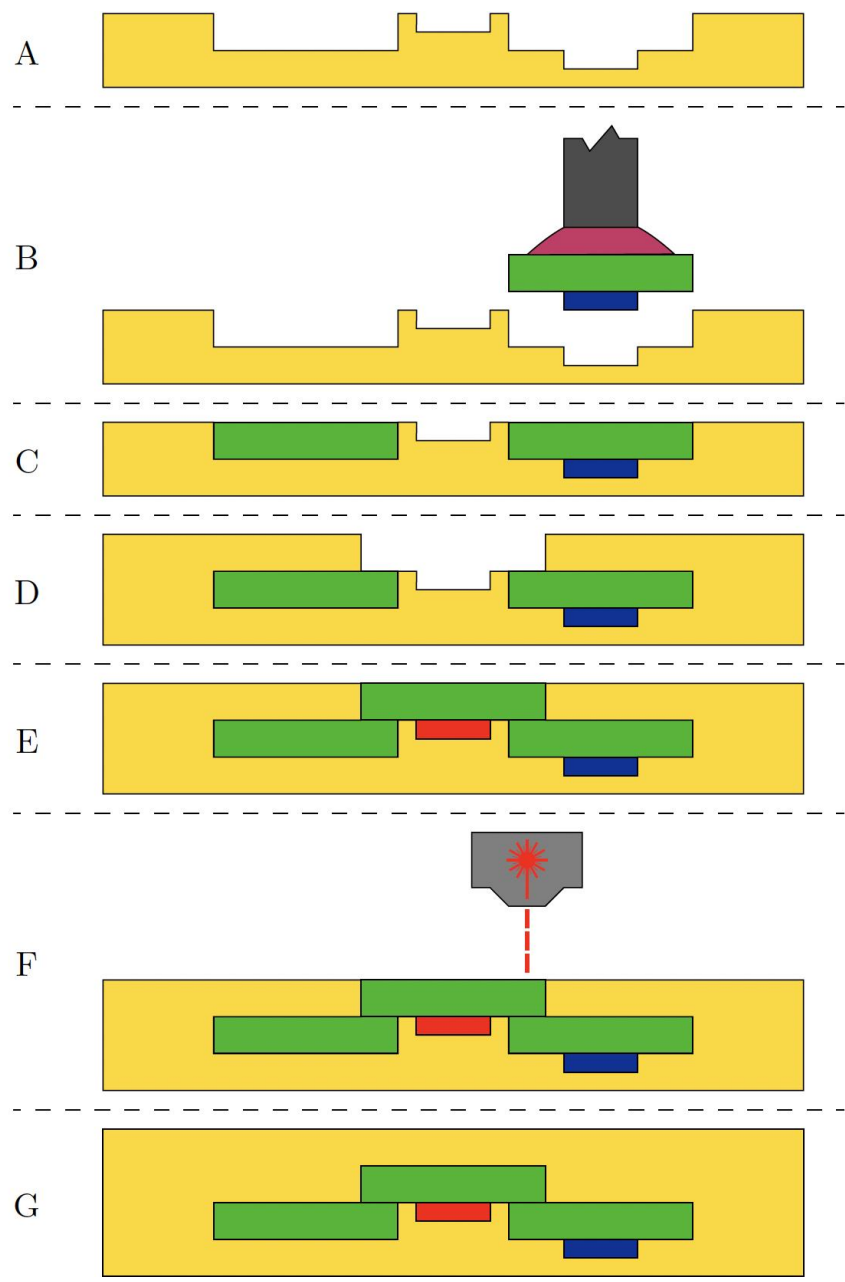
TechDays | 2021 | Confidential : not for public distribution







Air Voids, Embedded electronics, Pause Resume, and Liquid Print in one print




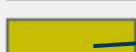



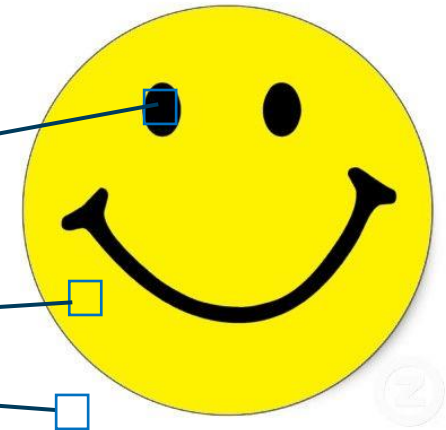
Print from 2D Images: Voxel Print

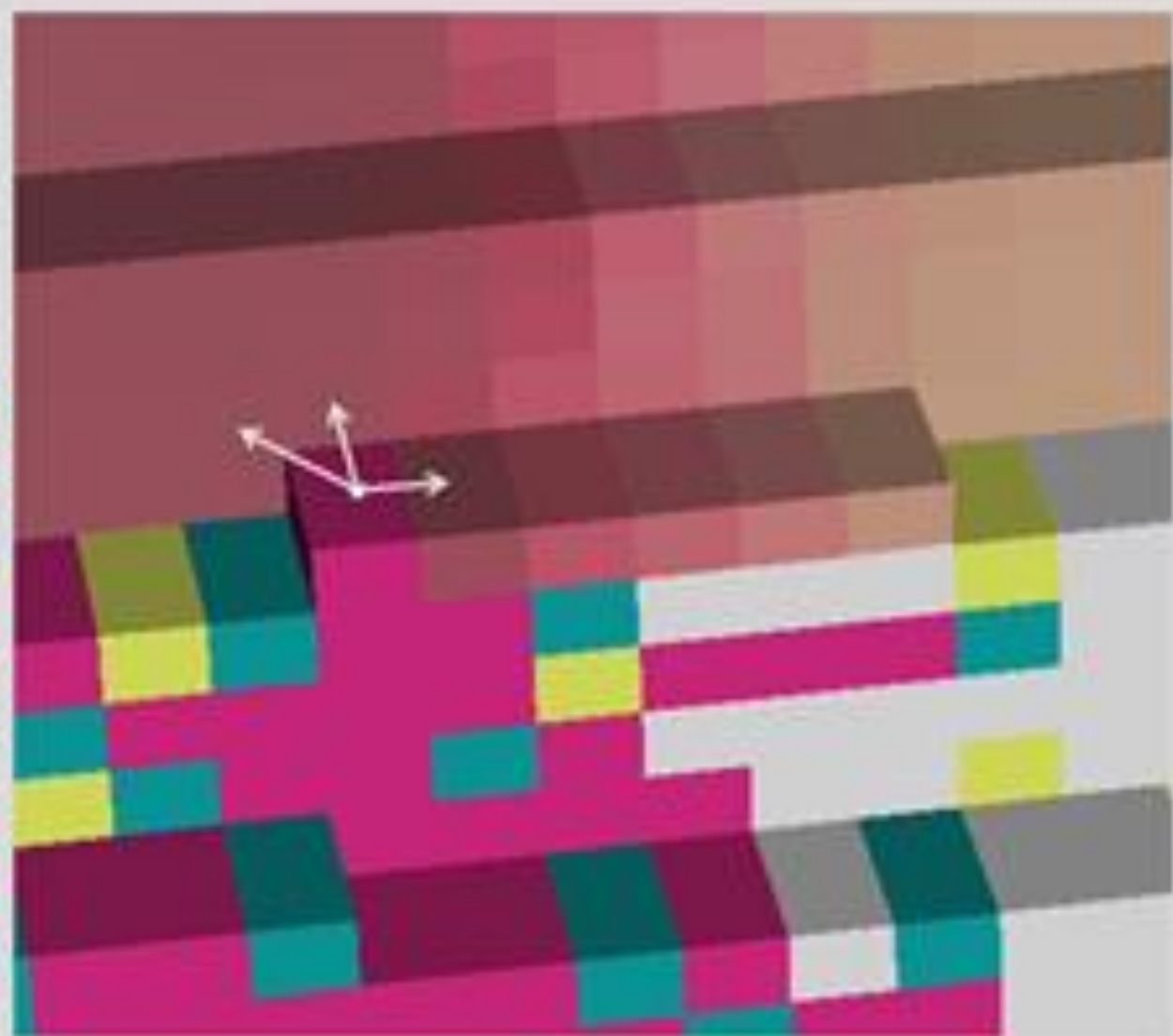
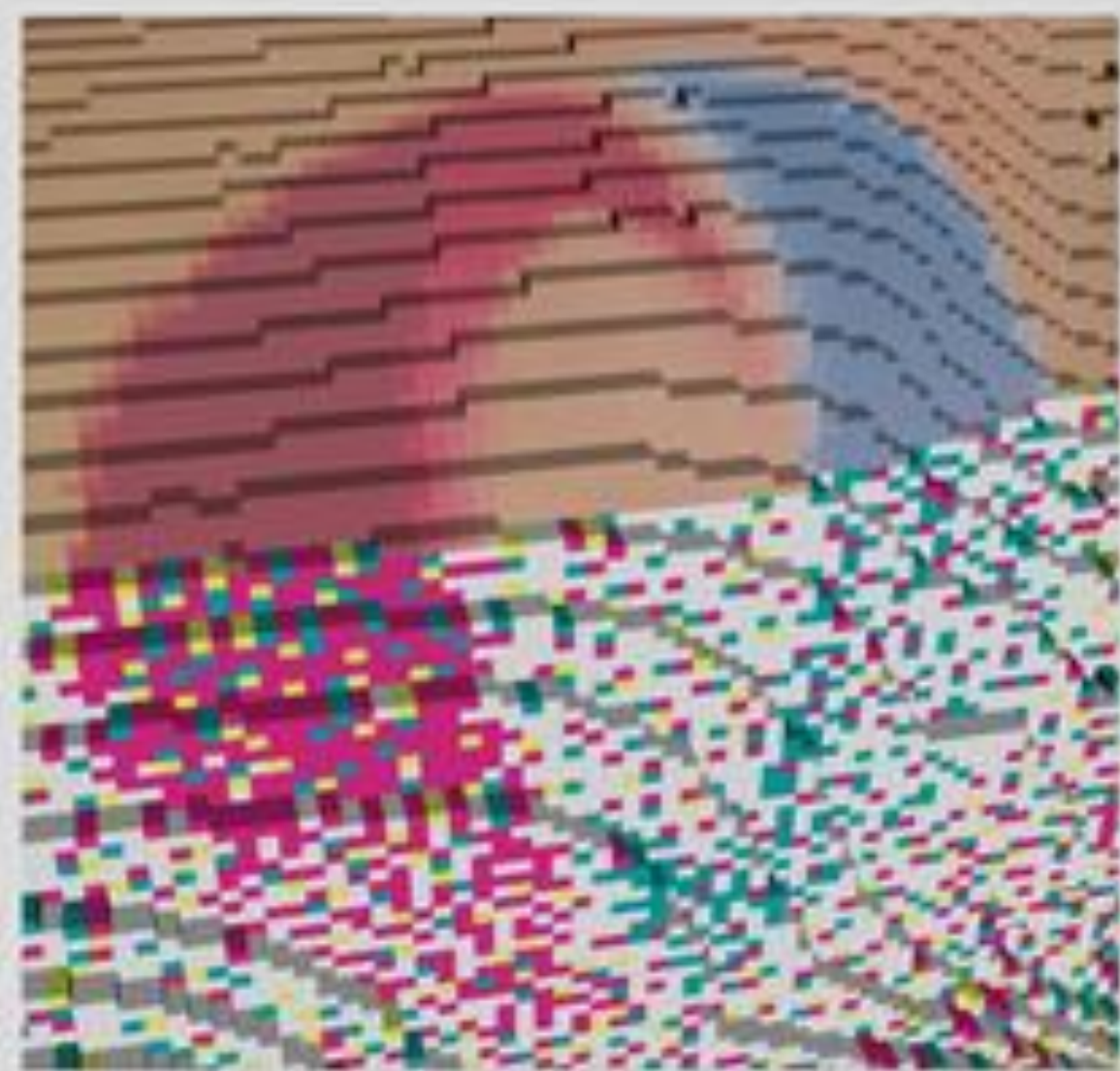
Create from PNG

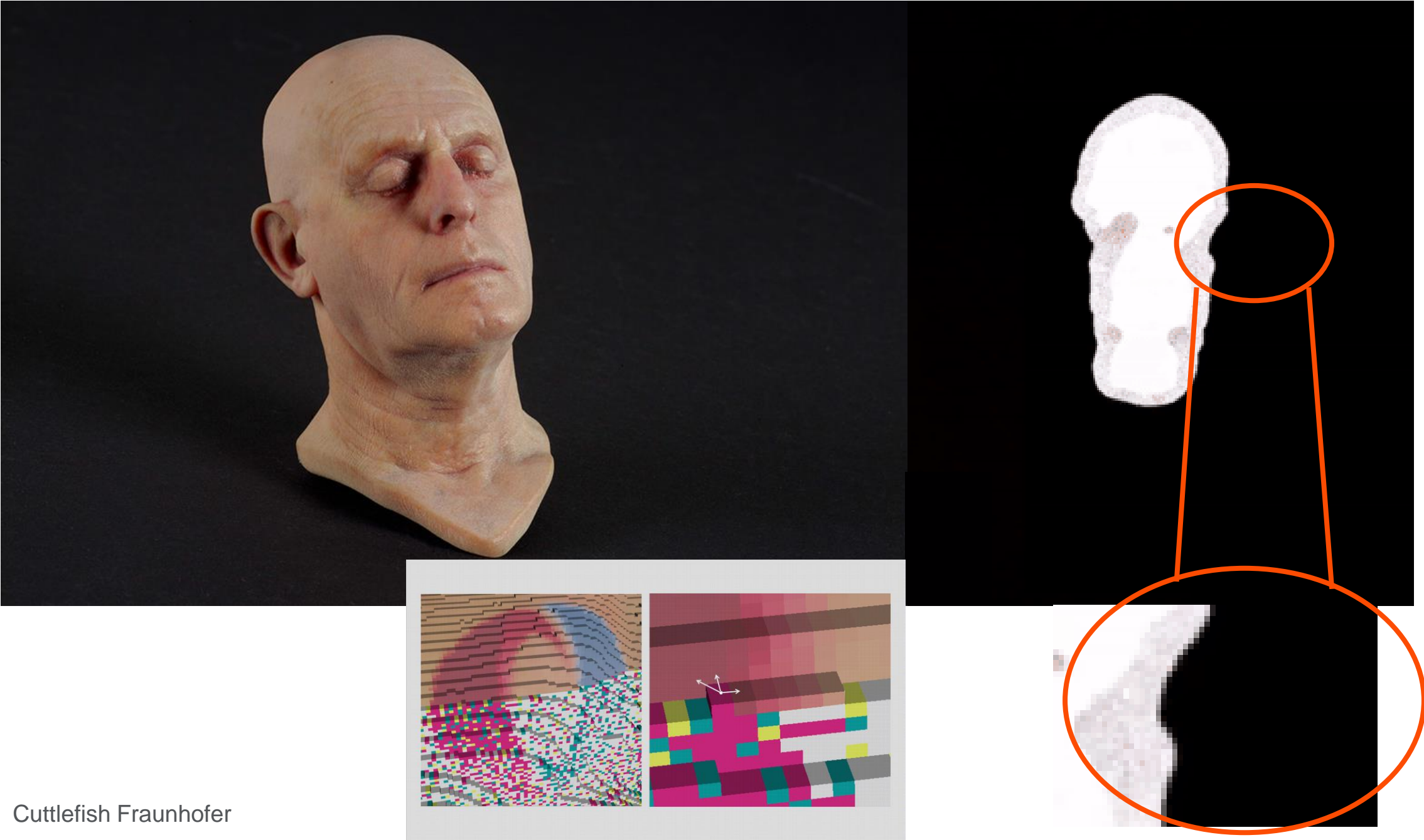
Tools

Material Mapping

Material	Red	Green	Blue	Alpha	
VeroCyan	0	90	158	255	
VeroBlack	26	26	29	255	
VeroMgnt	166	33	98	255	
VeroYellow	200	189	3	255	
VerUltraClr	240	240	240	255	








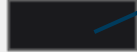


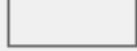
Cuttlefish Fraunhofer

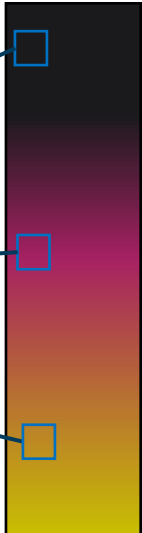
Print from 2D Images: Voxel Print

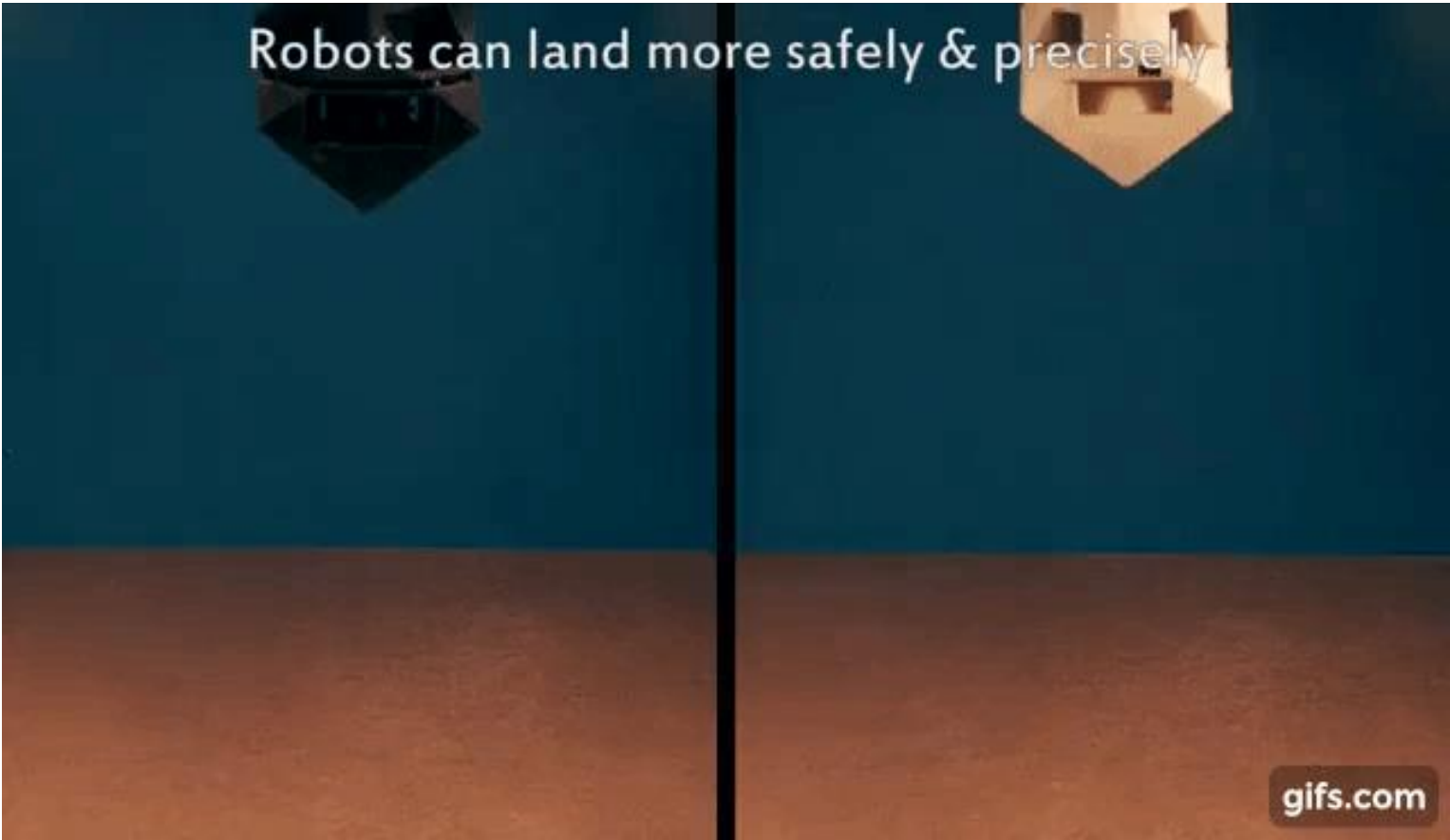
Create from PNG

Tools

Material Mapping

Material	Red	Green	Blue	Alpha	
VeroCyan	0	90	158	255	
Very Hard	26	26	29	255	
Soft	166	33	98	255	
Very Soft	200	189	3	255	
VerUltraClr	240	240	240	255	







Multi Material 3D Printing at University of Colorado Boulder

Stratasys Multi Materials CU Boulder FINAL

00:00:06

00:02:50

