

NEW TEXTILES

MAS 962, E14-525

Professor: Leah Buechley

Wednesdays 1-4pm and Fridays 2-3pm

<http://newtextiles.media.mit.edu/>

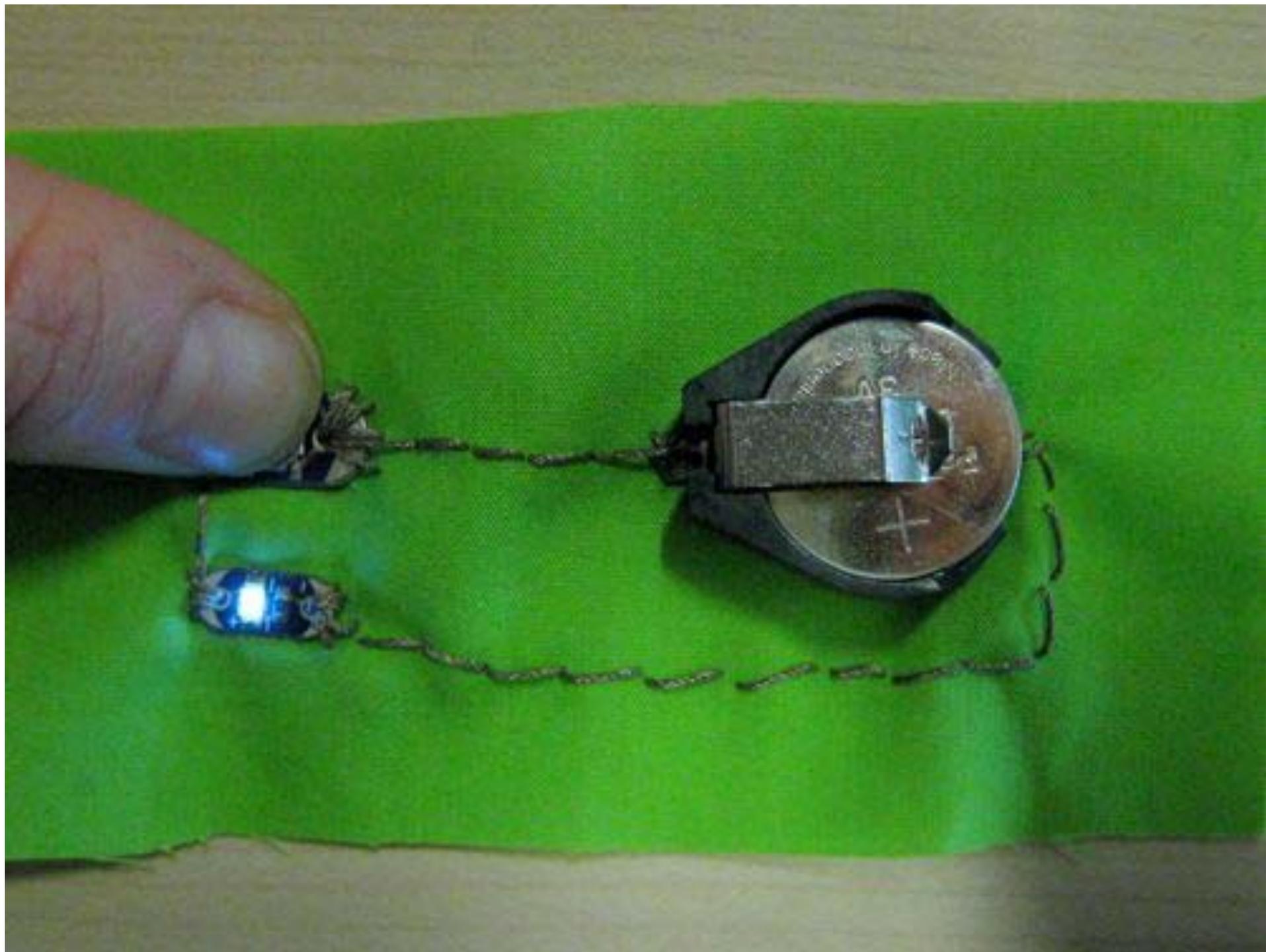
How to make (almost)
anything.

How to make (almost)
everything else.

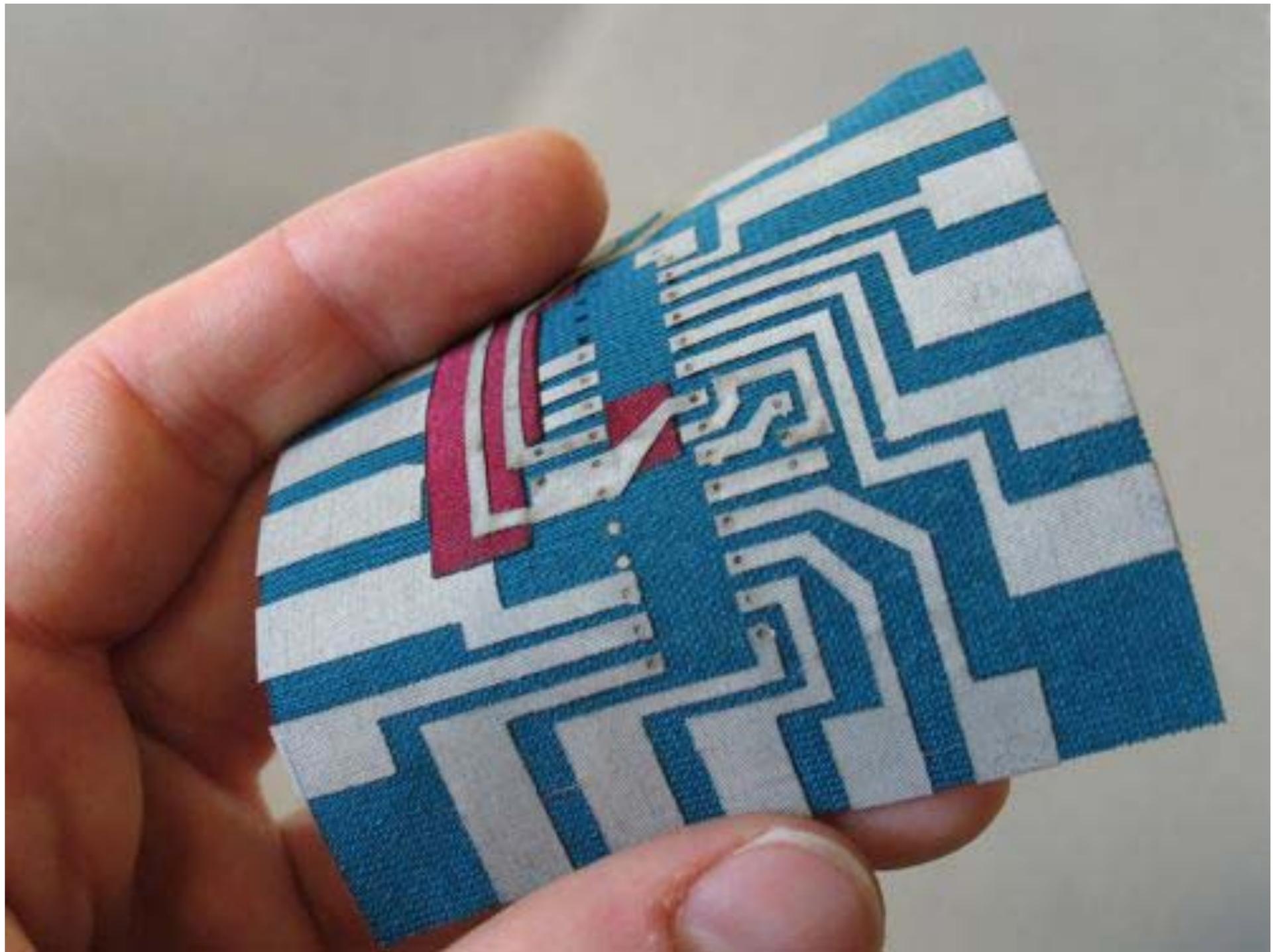
The design, engineering, craft, art,
and manufacturing of soft things

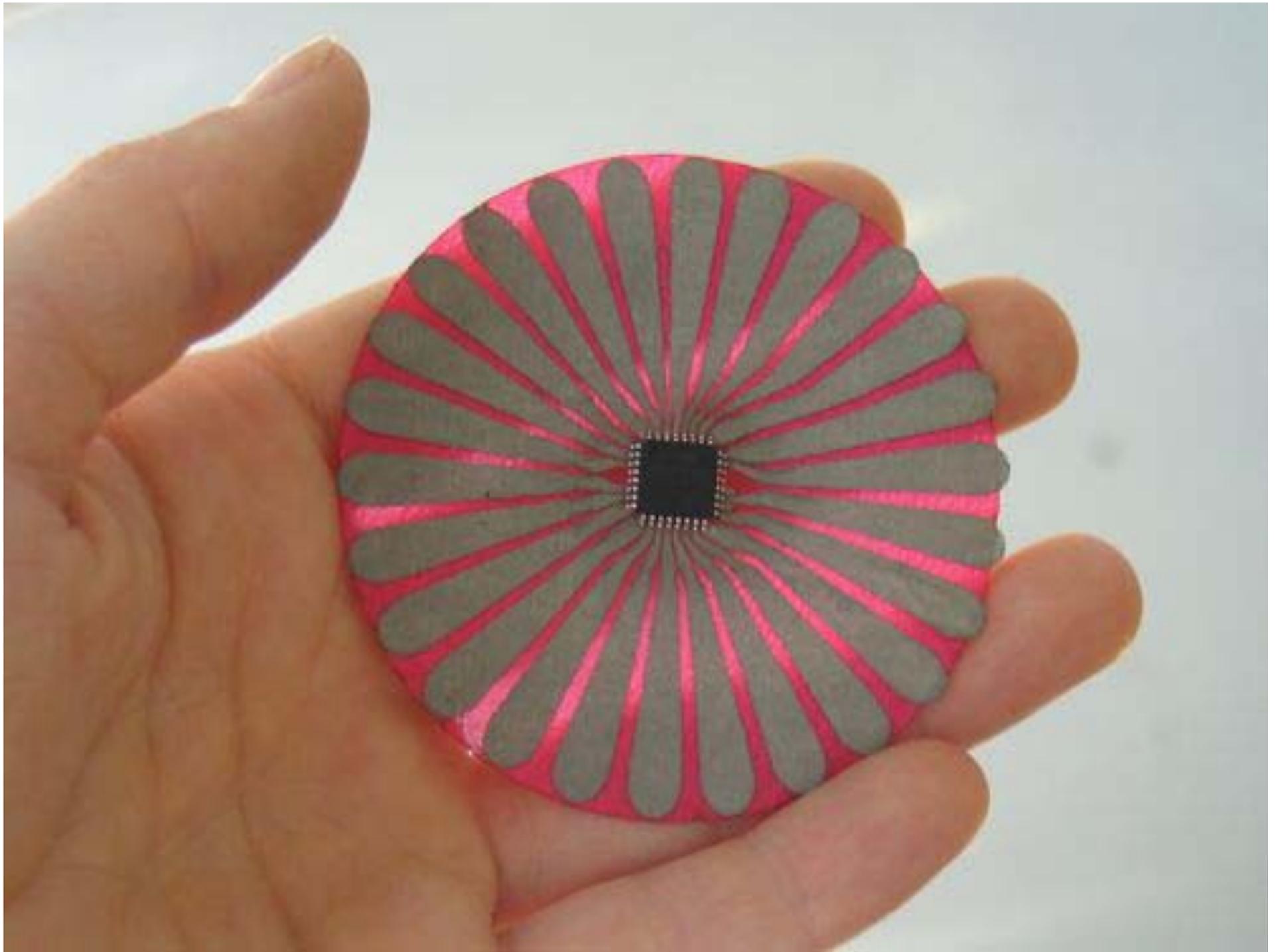
How to make...

CIRCUITS

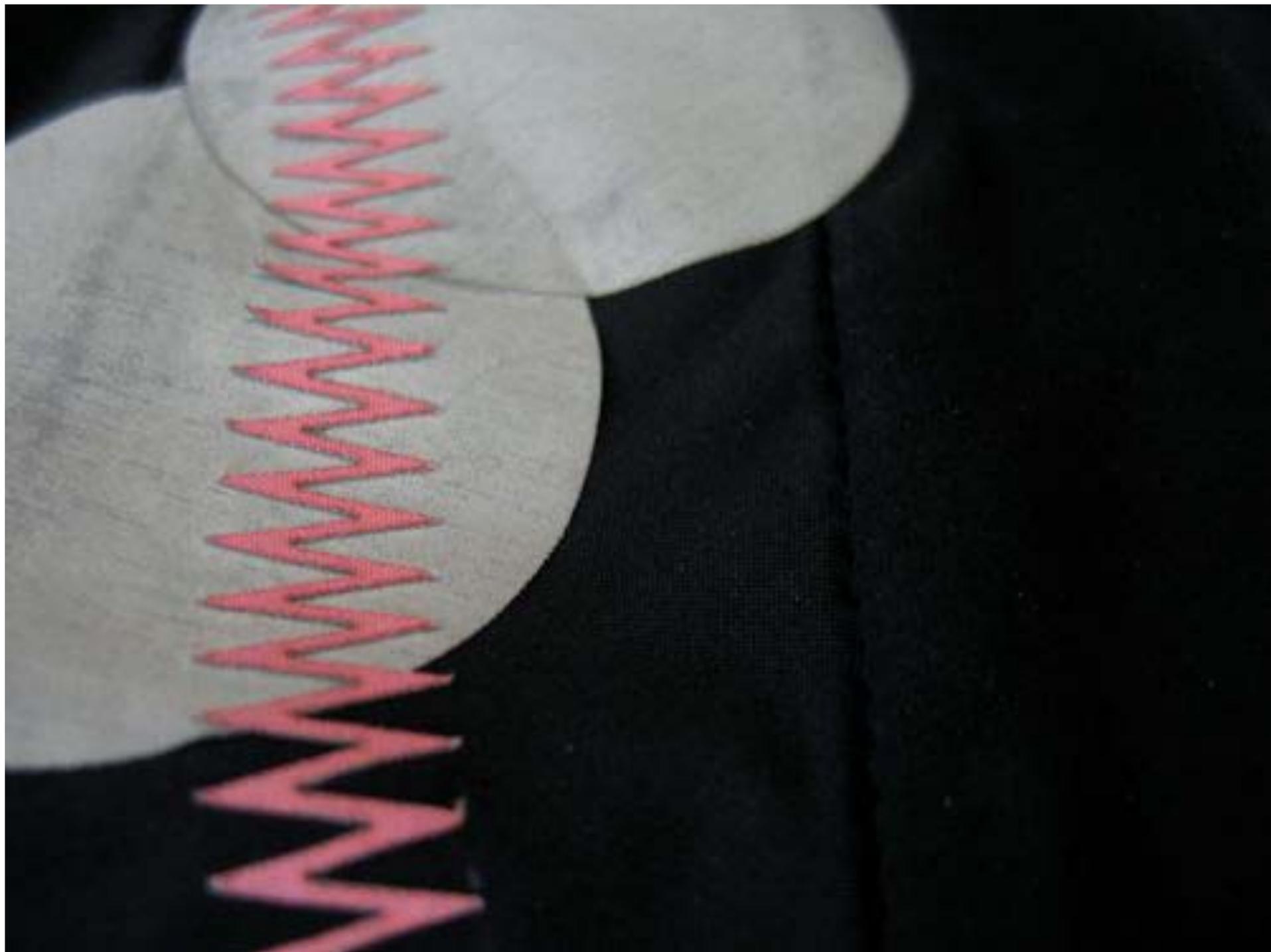








SENSORS





Hannah Perner-Wilson

Courtesy of Hannah Perner-Wilson. Used with permission.



Hannah Perner-Wilson

Courtesy of Hannah Perner-Wilson. Used with permission.

YARN



Hand spun, hand dyed yarn
<http://www.flickr.com/photos/moonrat/3253917849/>

Courtesy of [moonrat42](#) on Flickr. Used with permission.





FABRIC



"Fall" (detail). Courtesy of [Linda Hutchins](#) Studio. Used with permission.

Linda Hutchins



Central Library, Amsterdam, the Netherlands, 2007. Architect: Jo-Coenen & Co. Architecten.
Felt walls designed and made by Claud Jongstra. Wool, silk. Photo by Peter Cuypers.
Courtesy of Claudy Jongstra. Used with permission.

Claudy Jongstra



NuNo

Courtesy of NUNO. Used with permission.

GARMENTS



"Day-For-Night Solar Dress." Courtesy of Despina Papadopoulos. Used with permission.



Diffus

"[The Climate Dress](#)." Courtesy of Diffus Design. Used with permission. Photo by Anni Lauesen.



Hussein Chalayan

Courtesy of Chalayan LLP. Used with permission.

STRUCTURES



Crocheted hyperbolic plane. Courtesy of Daina Taimina. Used with permission.

Daina Taimina



Louise Campbell

"Bless You" chair (1999), by Louise Campbell. Photo by Erik Brahl. © Louise Campbell. All rights reserved.
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Carol Hummel

"Tree Cozy" (2005). Courtesy of Carol Hummel. Used with permission.

Each class will introduce new materials, techniques, and machines.

We'll explore...

PRINTERS



Photo courtesy of [ronnieleew](#) on Flickr.

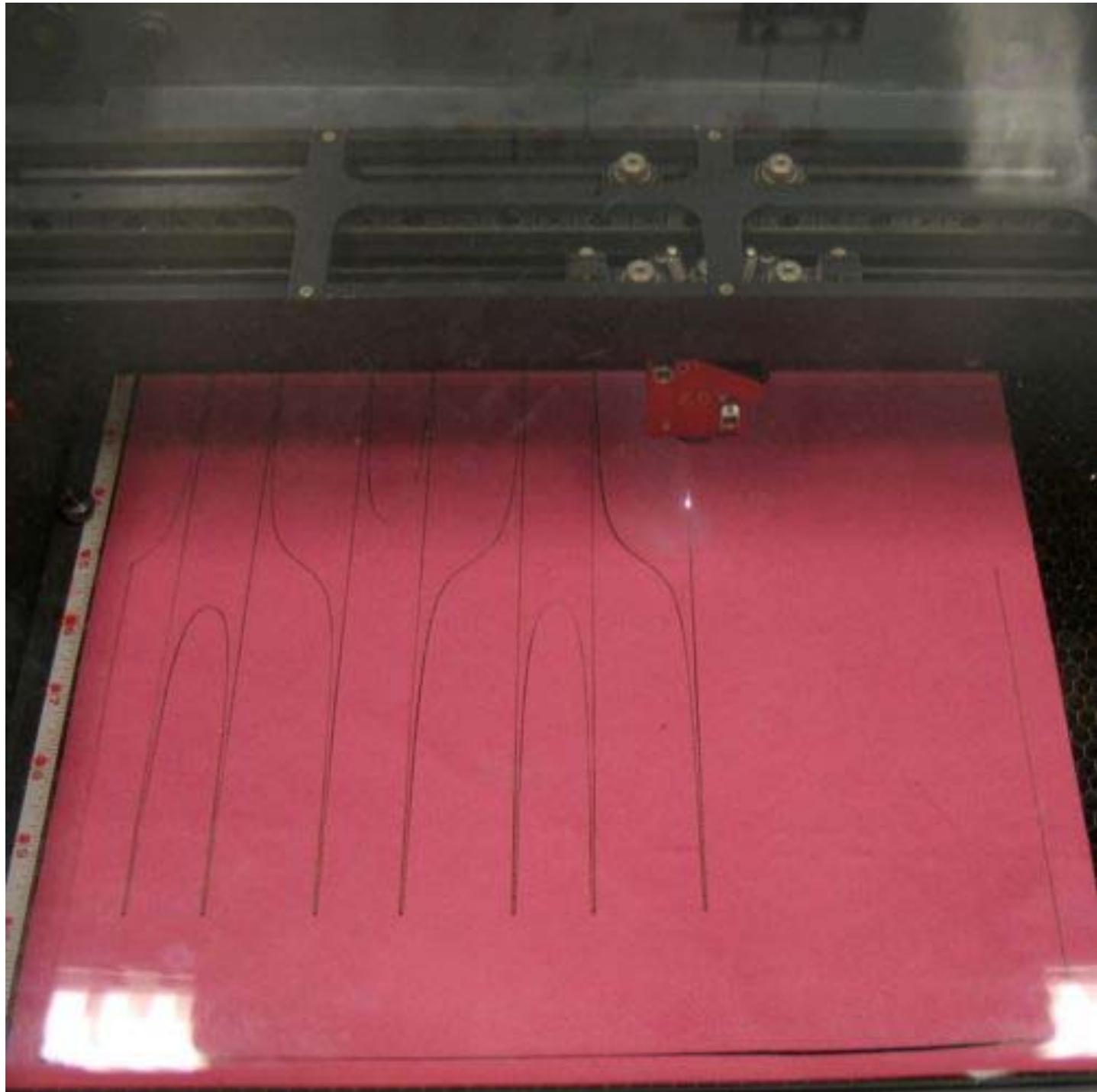
EMBROIDERY MACHINES





LASER CUTTERS







KNITTING MACHINES







On Fridays the class will host
guest speakers including...

MAGGIE ORTH
DESPINA PAPADOPOULOS
SHEILA KENNEDY
TRICIA WILSON
GREG RUTLEDGE
REHMI POST
BECKY STERN

Class nuts & bolts...

Grading

60% weekly assignments

30% final project

10% class participation

Suggested textbook

Kadolph, S. (2007), Textiles,
Prentice Hall, Upper Saddle
River, NJ

<http://newtextiles.media.mit.edu/>

MIT OpenCourseWare
<http://ocw.mit.edu>

MAS.962 Special Topics: New Textiles
Spring 2010

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