In today's class we will explore the shape changing interface: Shape Displays. Beginning with a lecture from Daniel Leithinger who has pushed Shape Display research in TMG with ground breaking works such as Relief, inForm, Transform and most recently a display in the Cooper Hewitt Museum in New York. Following this we will run a workshop and split into two groups: those who wish to code in javascript and those who wish to code in OpenFrameworks.

- **Shape Displays** (Daniel Leithinger)

- **Overview of Shape Displays** (Luke Vink)

- **Javascript Overview** (Xiao Xiao)

- **Shape Displays Workshop:**

  Group 1: Javascript
  TA's: Xiao Xiao, Viirj Kan

  Group 2: Open Frameworks
  TA's: Luke Vink, Ken Nakagaki, Daniel Wyndham)

Read before next class (20th Oct):

We will post these on the online schedule during class. Readings will be for Lining Yao - Biologic and cover the work of Professor J Omenetto.

Assignment:

- Form and work with your group on **Project 2**
- Form groups, ideate and prepare a short **5 minute presentation** of Project 2 ideas for November 17th to receive feedback about your directions.