

GEOMETRIC ANALYSIS

- Viability: is it printable?
- Durability: how well will it attach?
- Usability & other semantics
- . . .

INTERACTIVE EXPLORATION

- Visualization on the objects
- Exploring diff. attachment areas
- Adjusting design parameters
- . . .

MODEL GENERATION

- Attachment model
- Connecting structure
- Supporting jigs
- . . .

PRINTING & POST-PROCESSING

- Programmatic custom printing
- External attaching mechanism
- . . .