

Sketch-a-TUI: Low Cost Prototyping of Tangible Interactions Using Cardboard and Conductive Ink

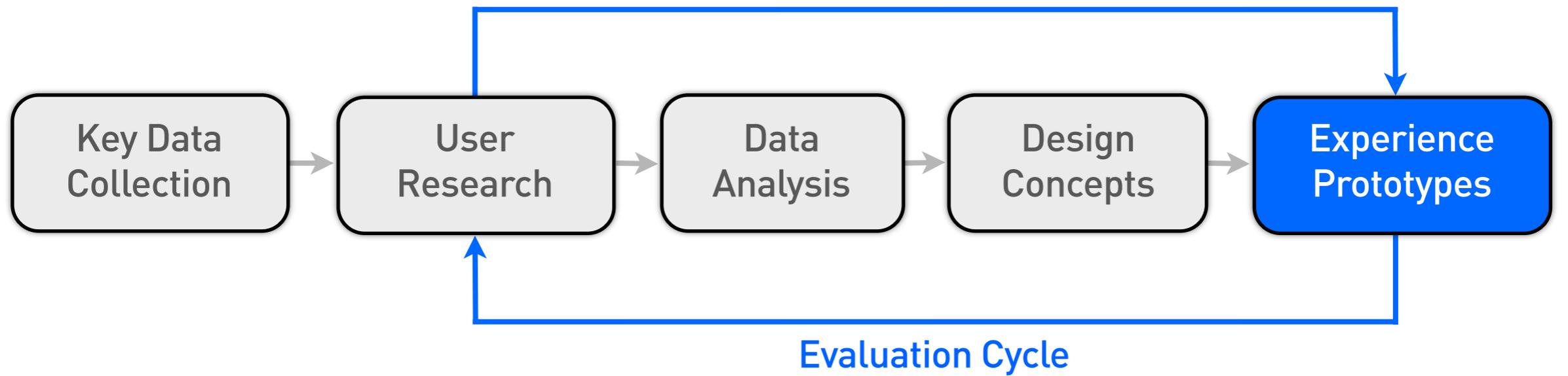
Alexander Wiethoff, Hanna Schneider, Michael Rohs,
Andreas Butz (1) and Saul Greenberg (2)

(1) University of Munich

(2) University of Calgary



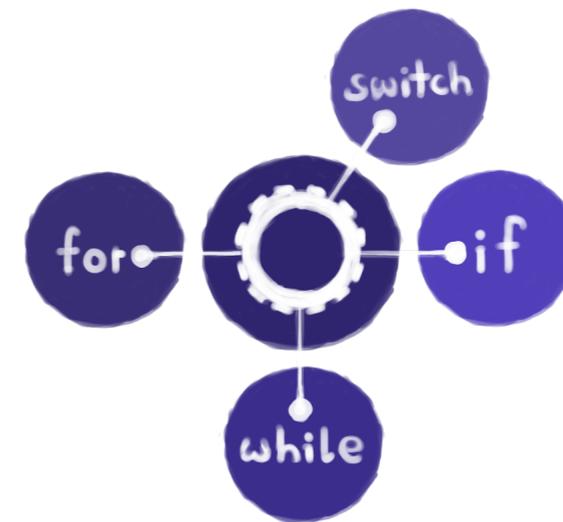
Tangible Objects on Capacitive Surfaces

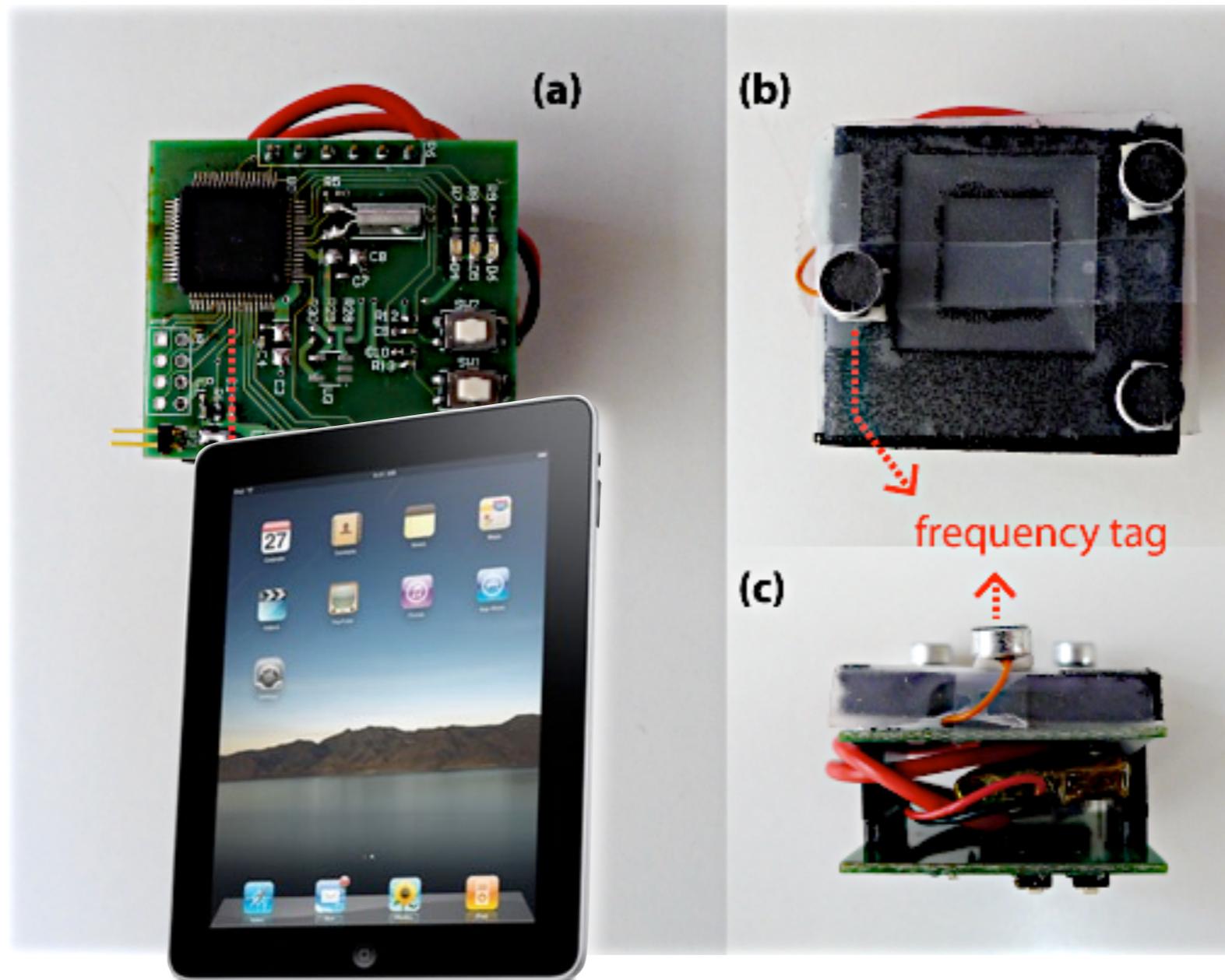


Low Fidelity Physical Artifacts



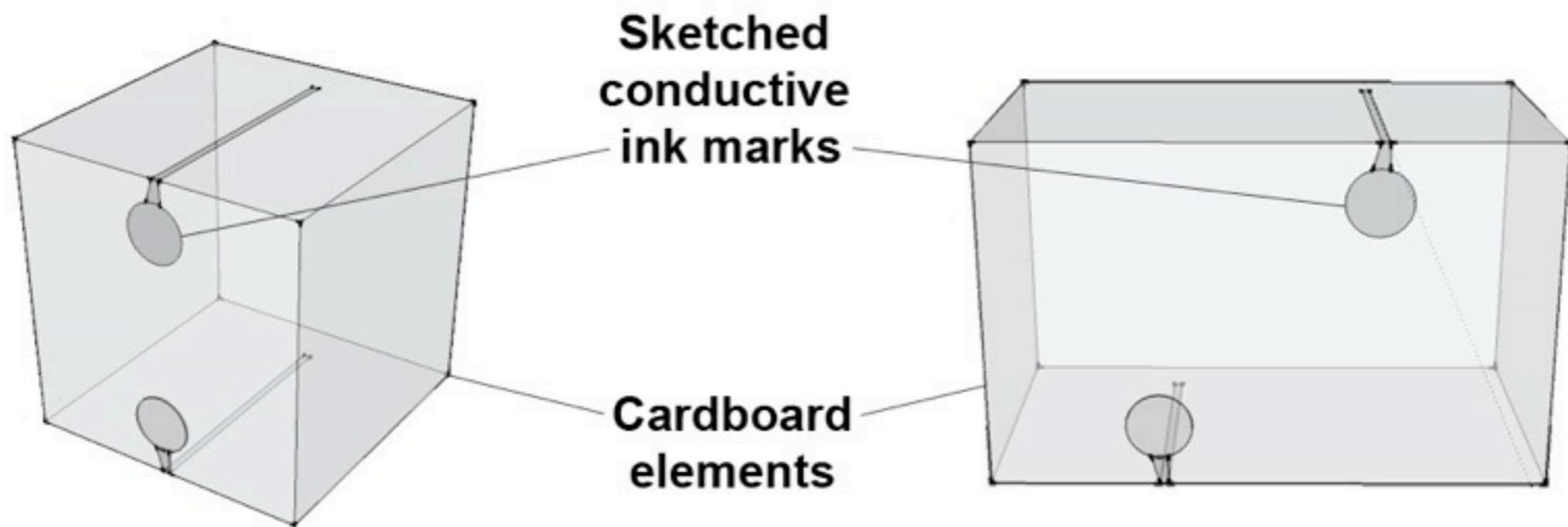
Interactive Digital Artifacts

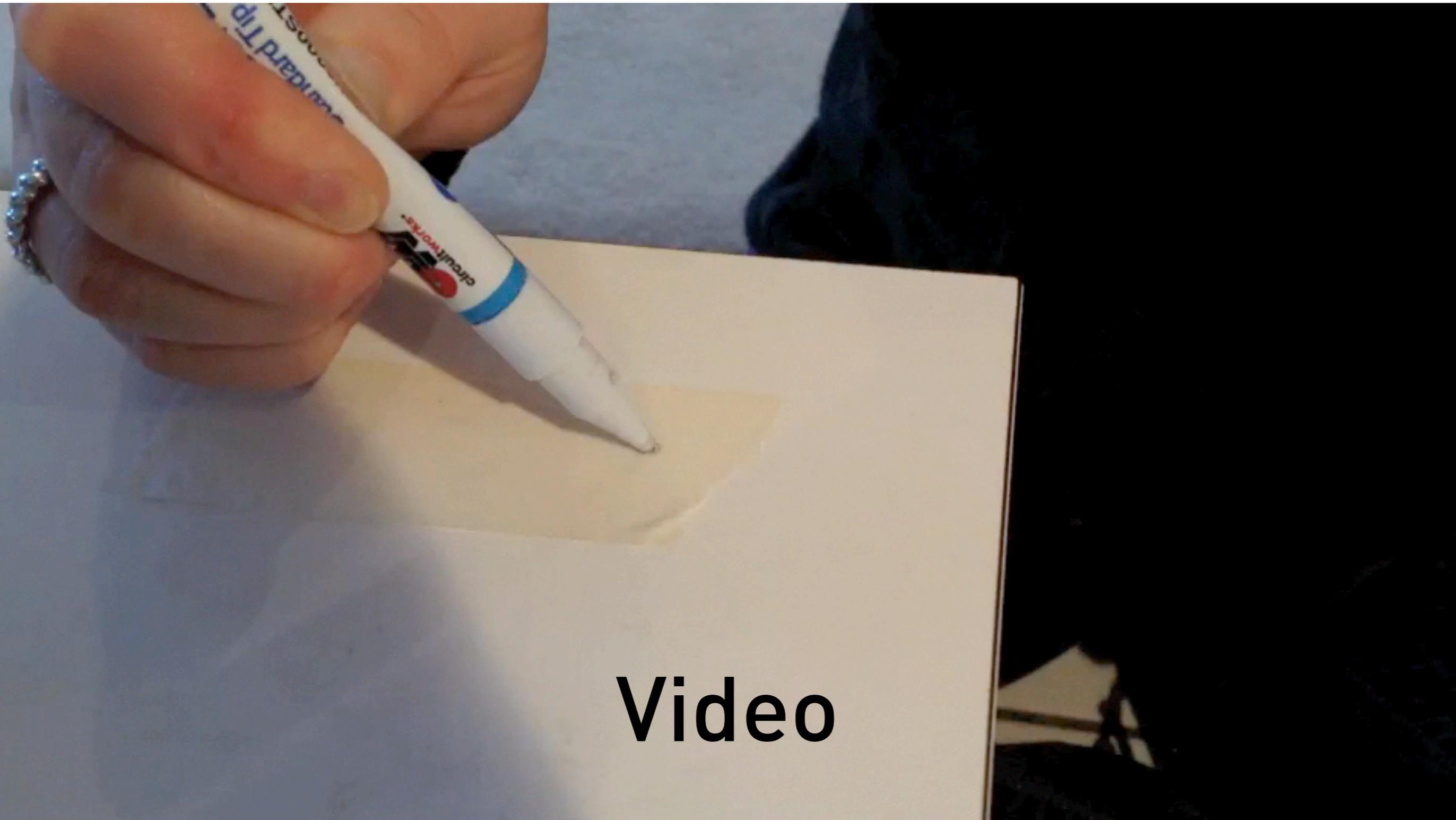




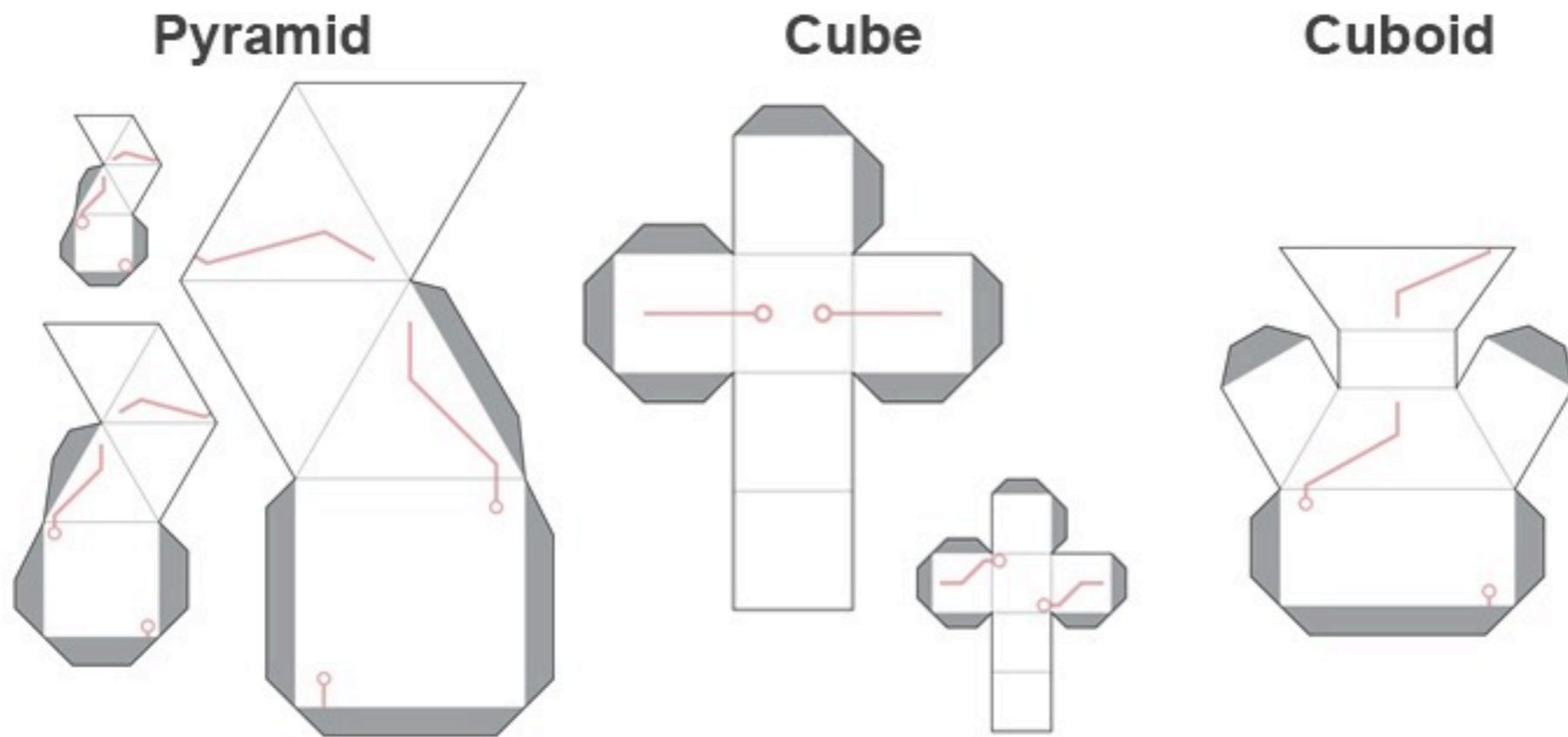
Yu et al. "Enabling Tangible Interaction on Capacitive Touch Panels" (UIST 2011)



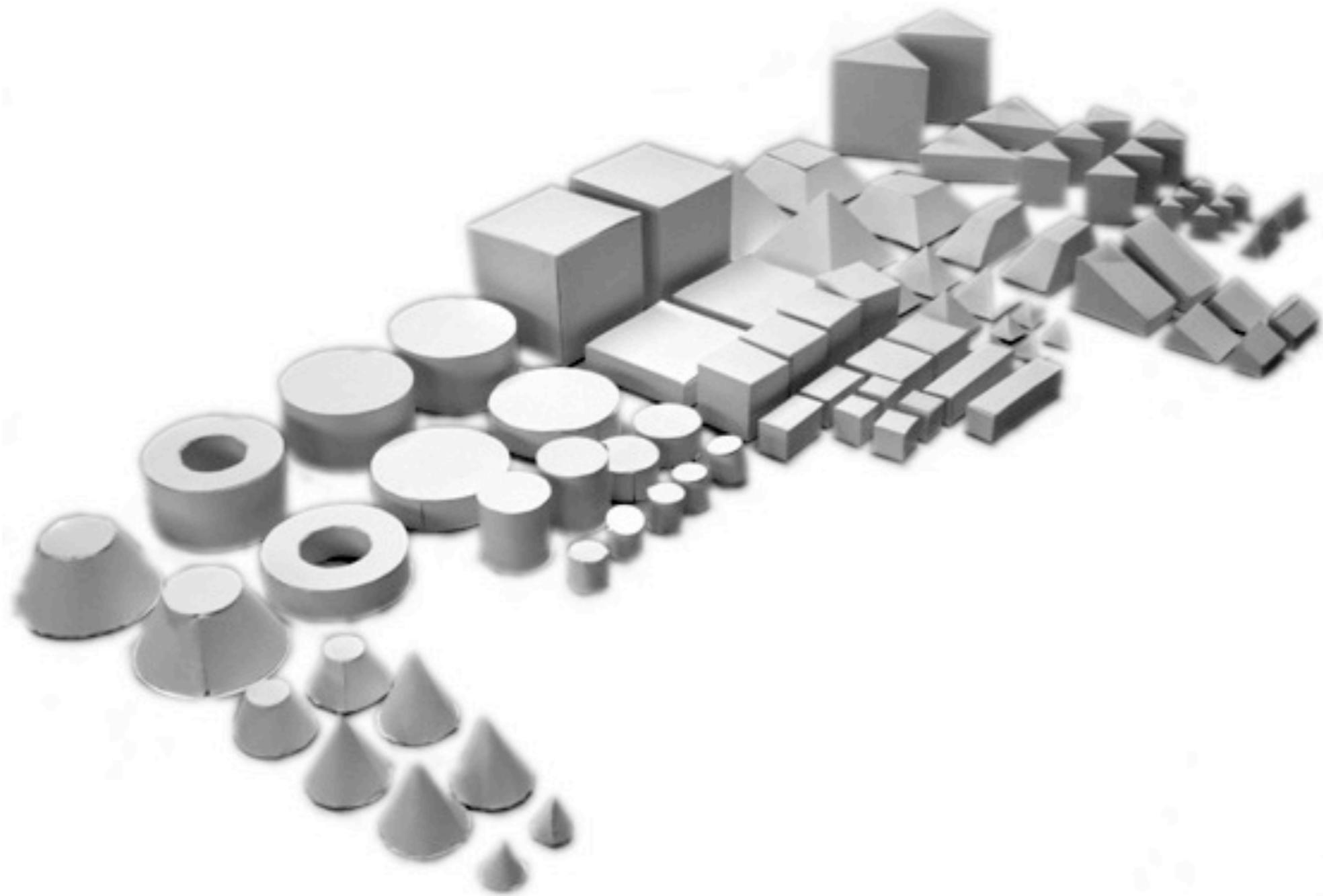




Video



available @ <http://project-premium.org/sketch-a-tui/>

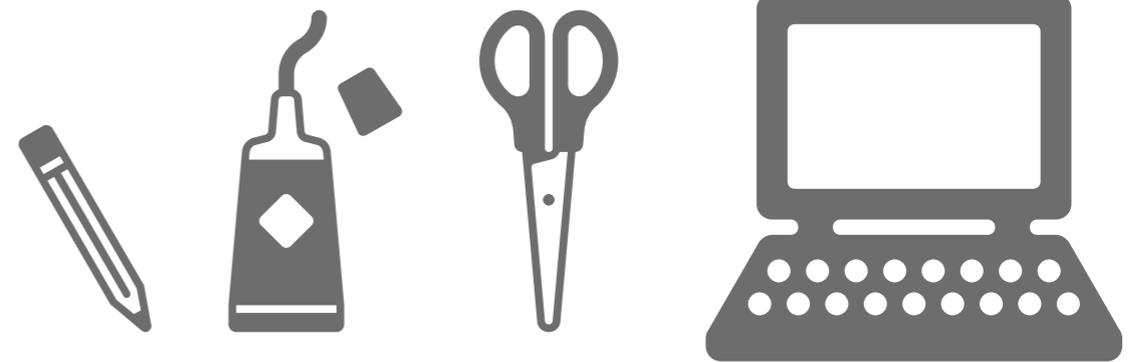




Industry Project



Consolidation between
low fidelity physical and
digital artifacts



Object 1

TextLabel

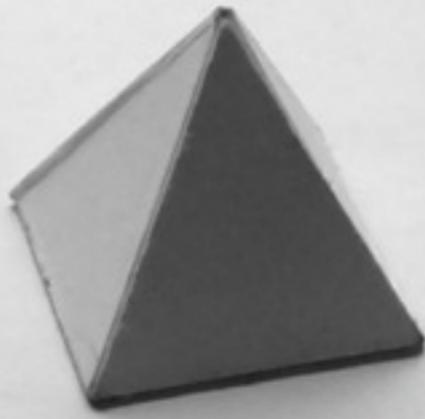
Shape

Control

Sound

Inactive

Shape: Circle
Size: 
Color: 
Position: Center



Future Work

Acknowledgements:

**Julia Kufner, Fabius Steinberger
and Alexander Kehr**

Thank YOU! Questions ?

<http://project-premium.org/sketch-a-tui/>