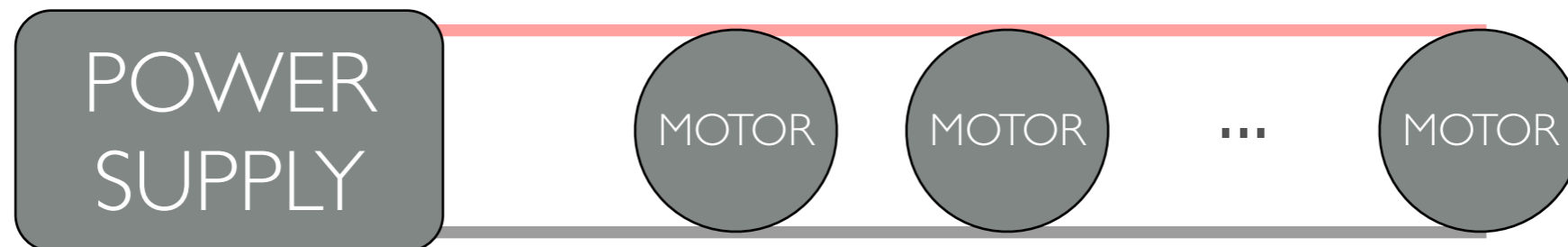


Control Strategies

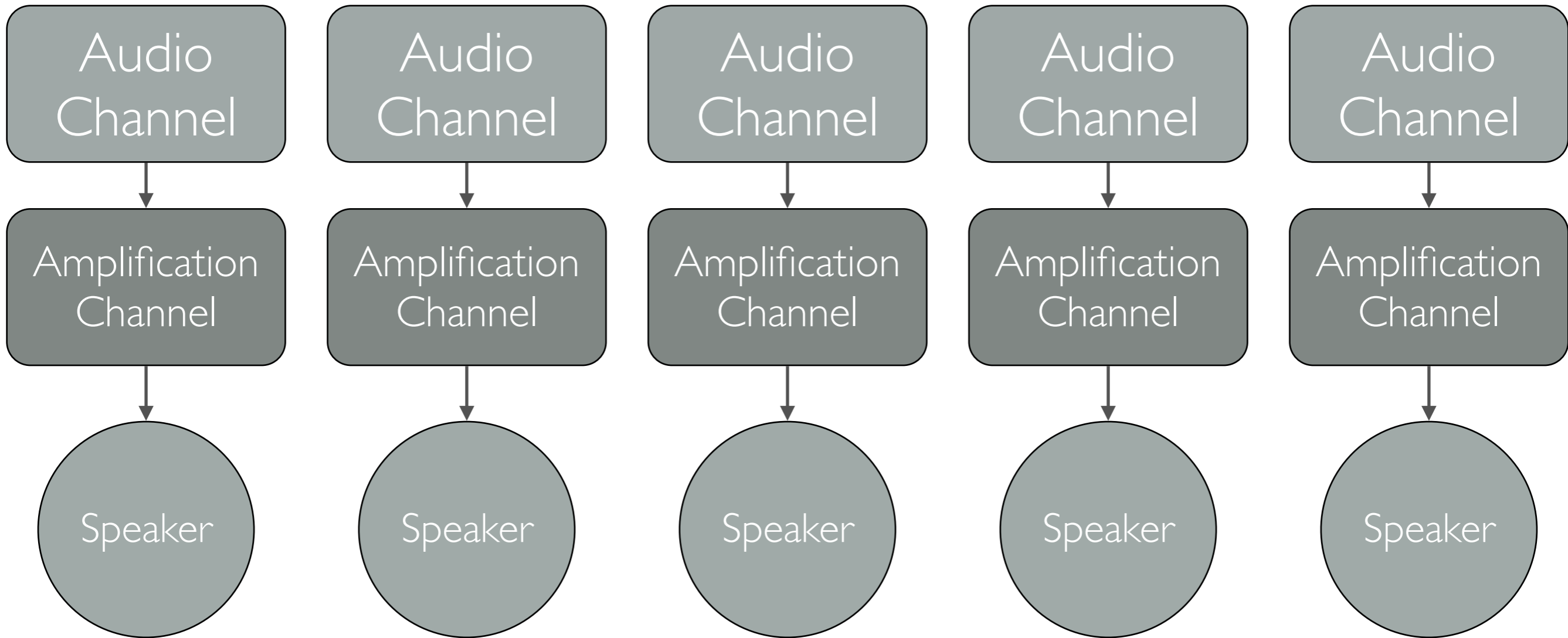
None: Nature, chance, participation

Minimal: Pe Lang, Zimuon, etc.

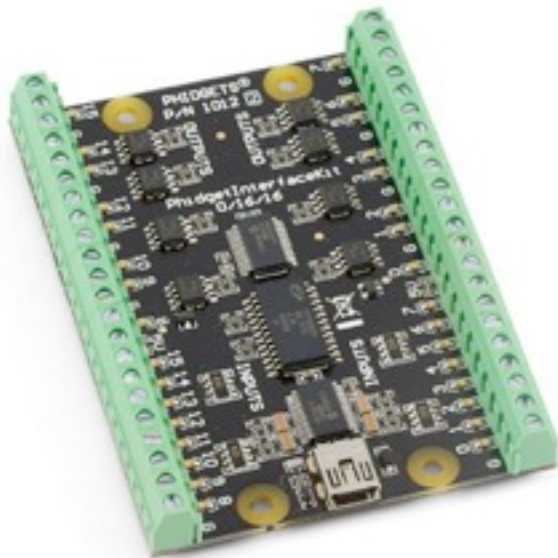


Control Strategies

Audio



Control Strategies



Complex

Computer

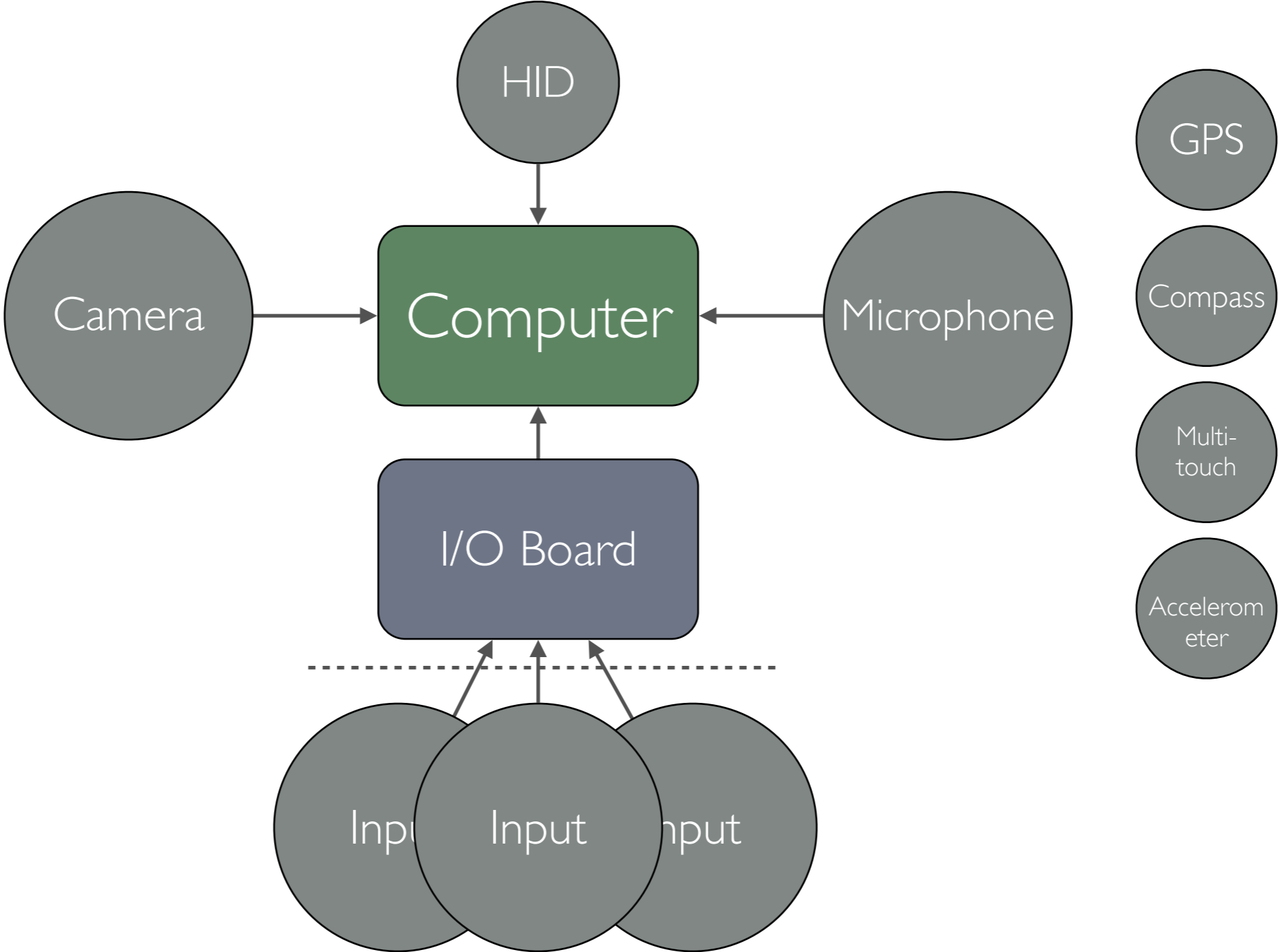
I/O Board

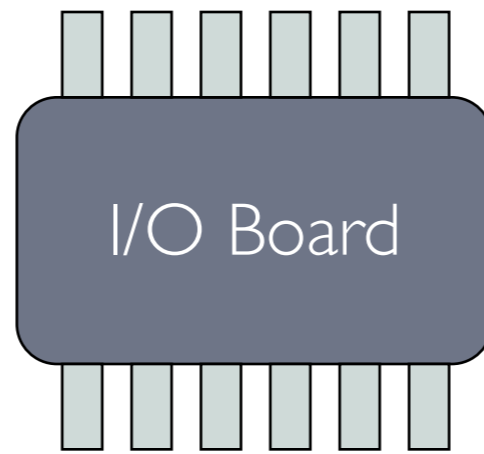
- Arduino
- Phidgets
- Industrial automation

Output Output Output

- Motors
- Lights
- etc

Interactive Strategies





Inputs

on the board can measure this voltage



Transducer/Sensor

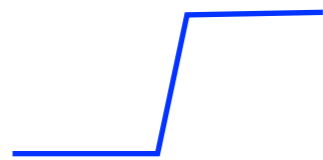
turns aspect into varying voltage



Physical aspect

e.g. light

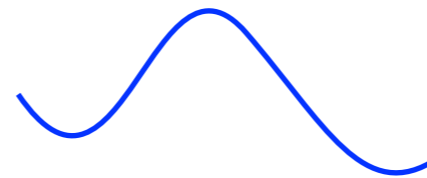
Types of inputs and outputs



Digital

Signal toggles between minimum and maximum voltage.

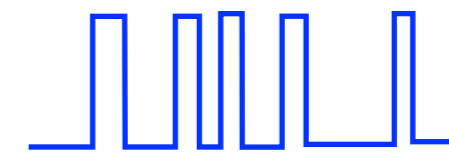
Example: switch



Analog

Signal assumes intermediate values.

Example: knob

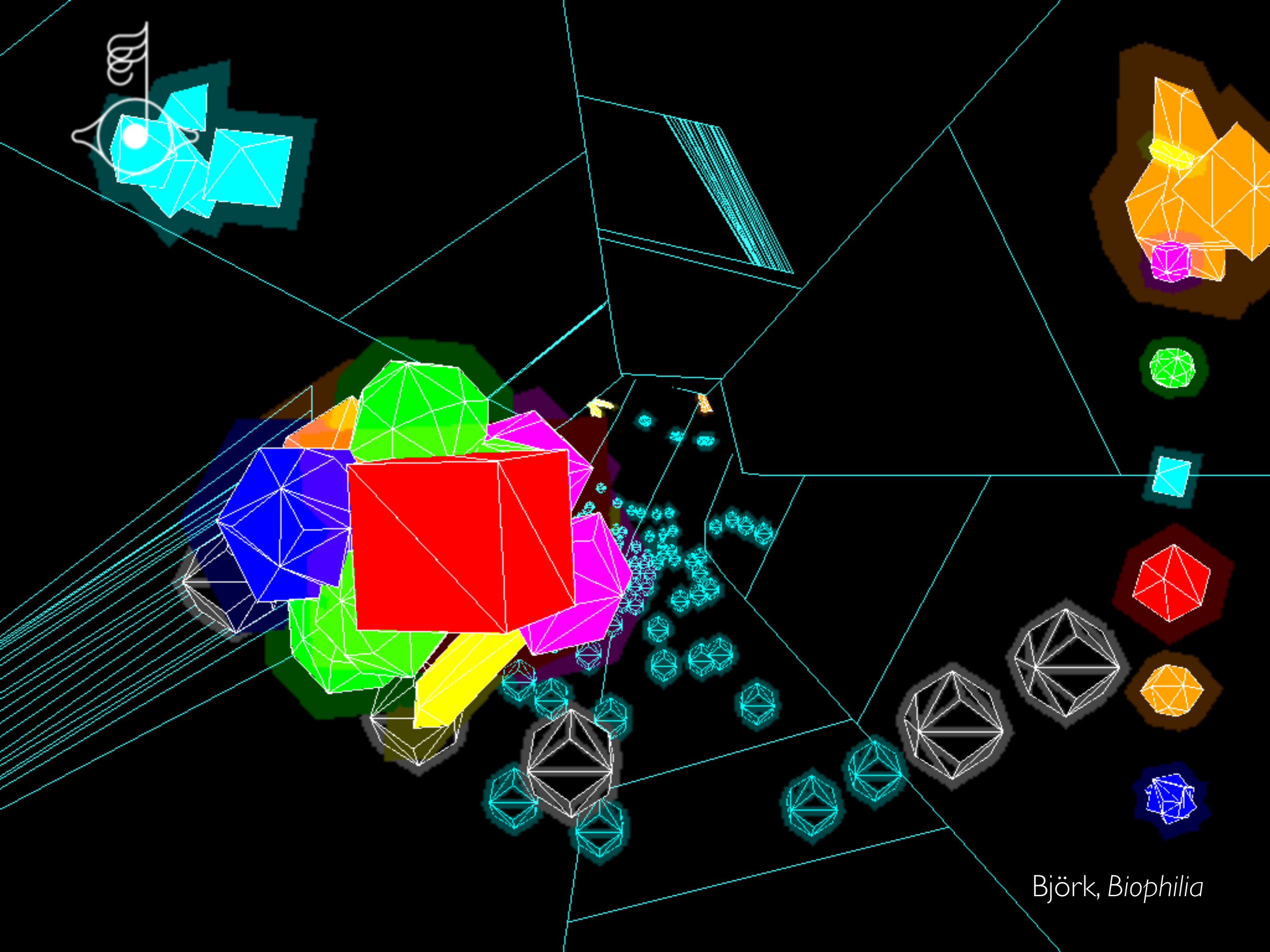


Protocol

Complex signal transmits information according to some specification.

Example: MIDI, OSC

Samples



Björk, *Biophilia*





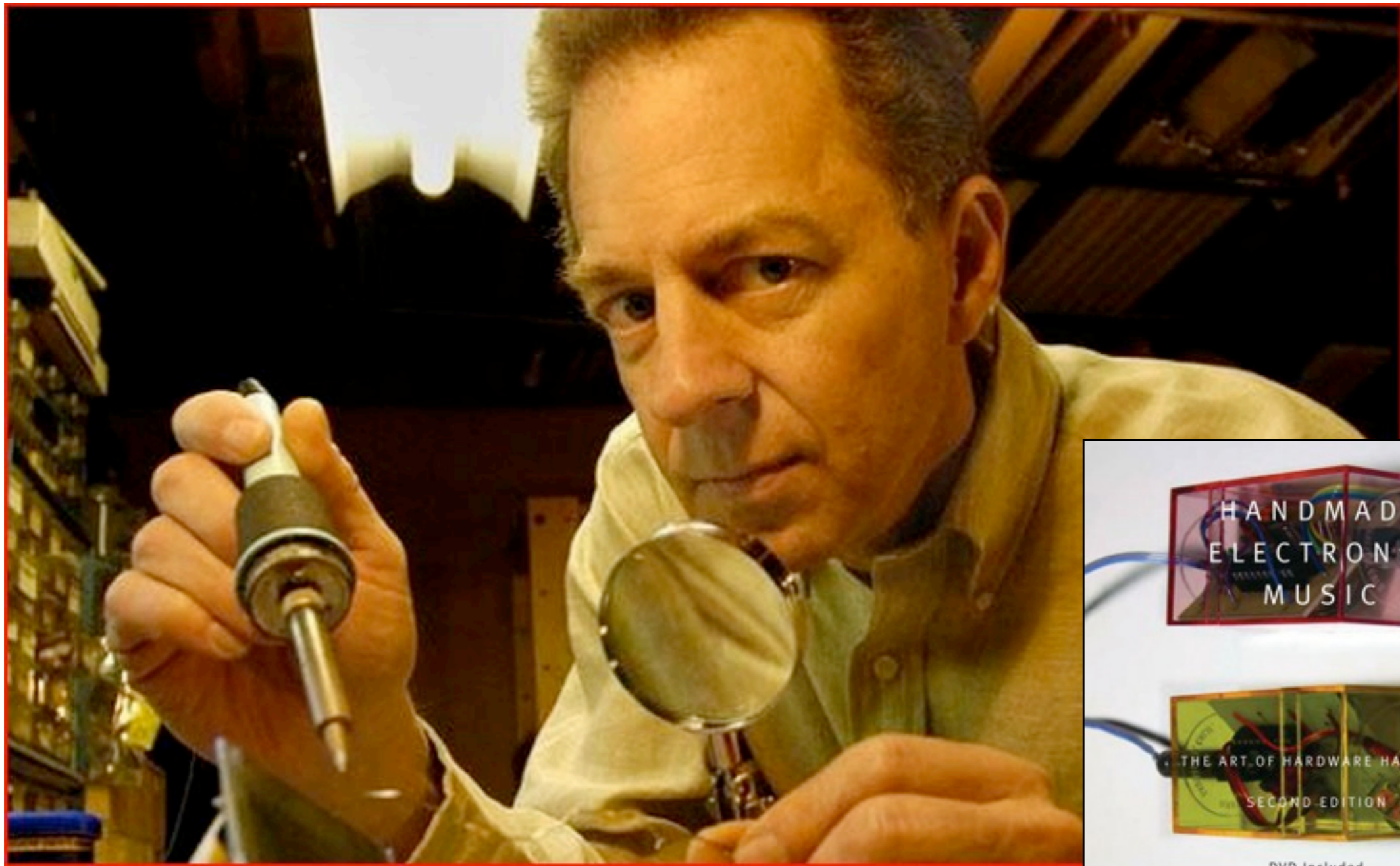
Tetsuya Mizuguchi, Rez, 2001



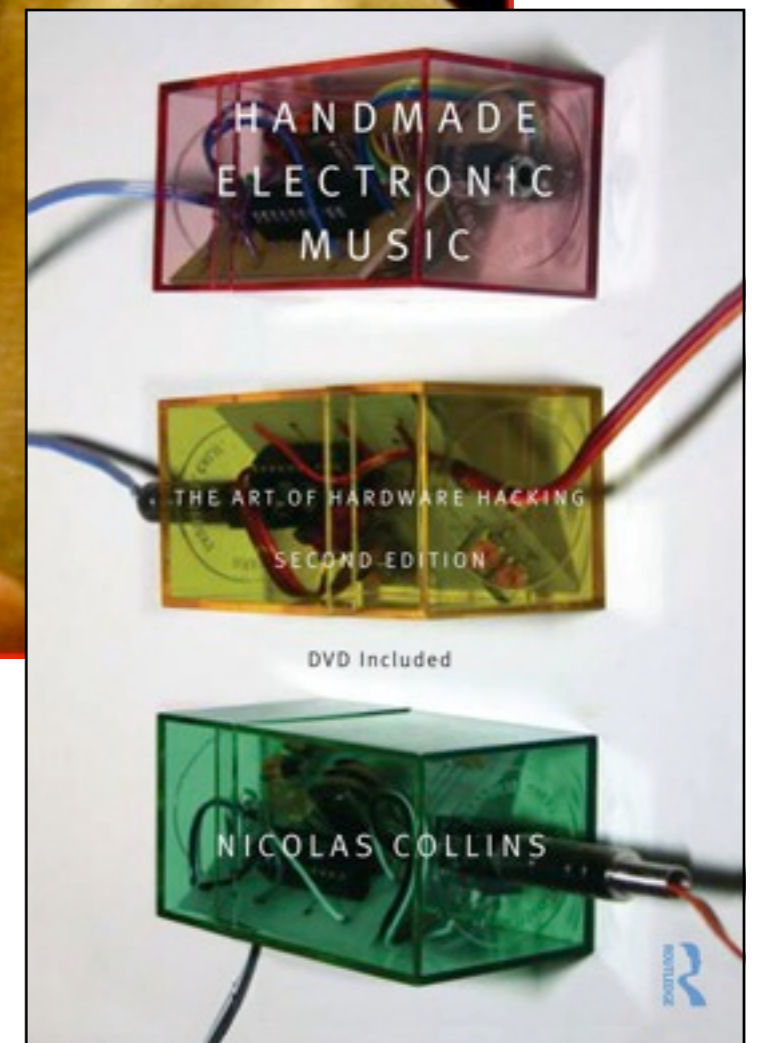
Scott Snibbe, *Blow Up*

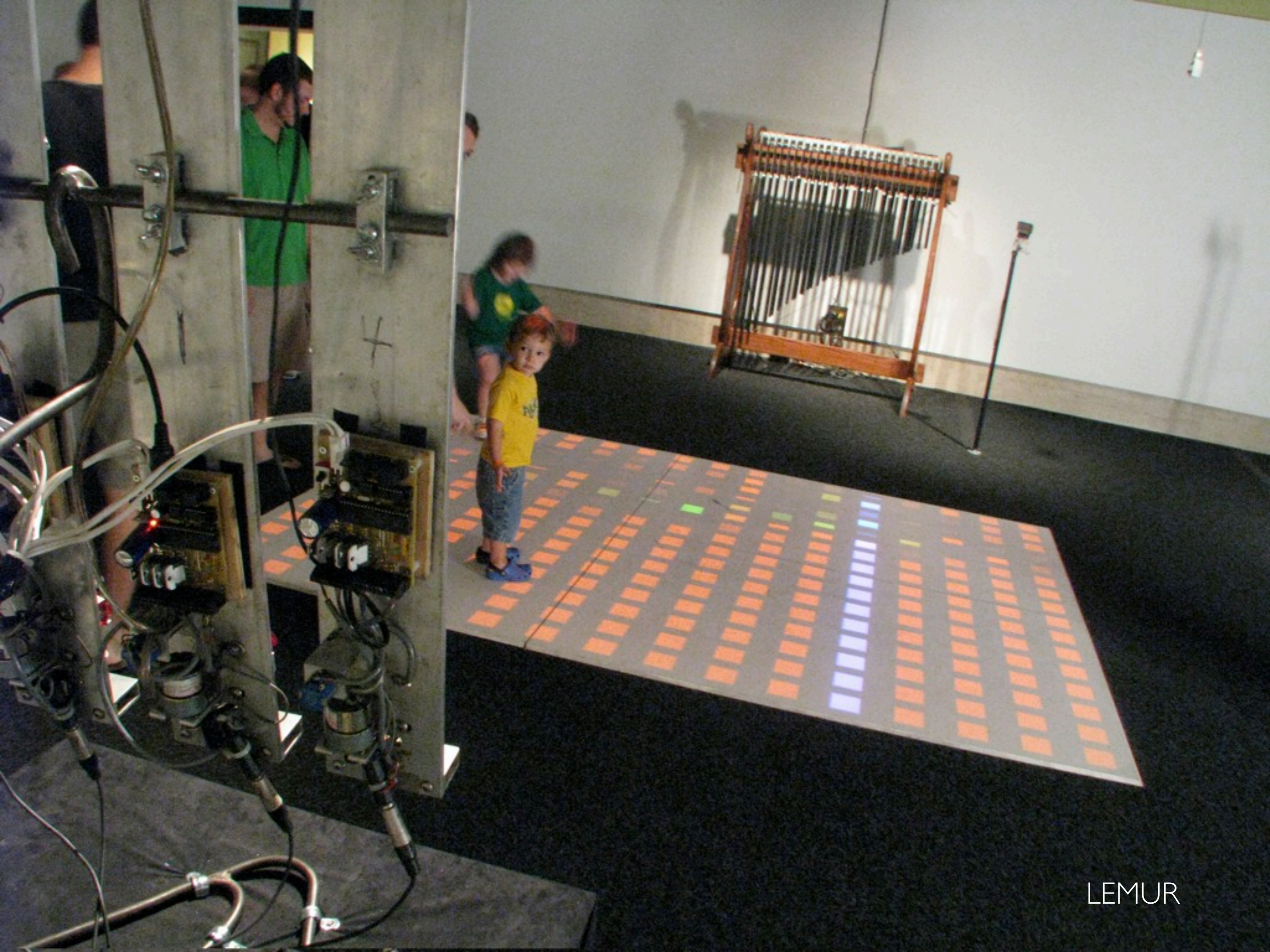


Laptop Orchestras



Nick Collins, various





LEMUR

i like about yourself?
Sky... and three
People I like

Korea will be delt
with by Russia and
China I bet

i was trying to
change it to
sweetiebaby97_inhell
CUZ piw killed me

uwuoothooo i got a
Boyfriend i got a bf

ty angel ves shared
it wif wonderful nan
was very nice

i'n being/feeling
unproductive

the real

i like people who
don't care

date i see
frustration in his
eyes - had
vodka mixer

I guess we should
think about not let
Luther and love
the son of

J... activities are
in file - please
DC - activities

how far pieces of a
unproductive

the real

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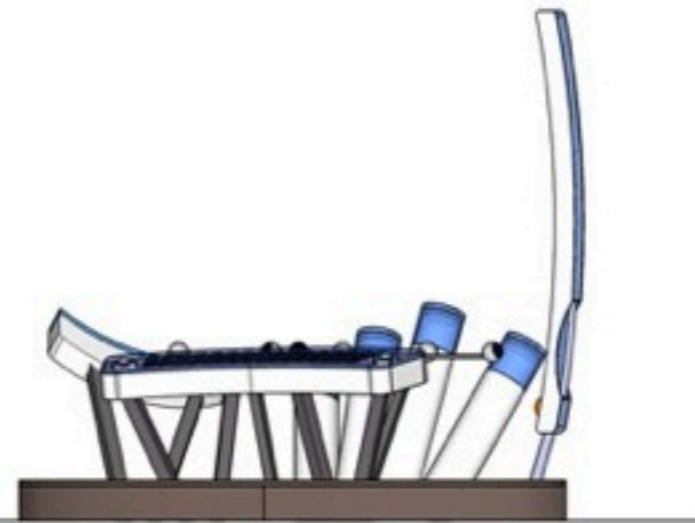
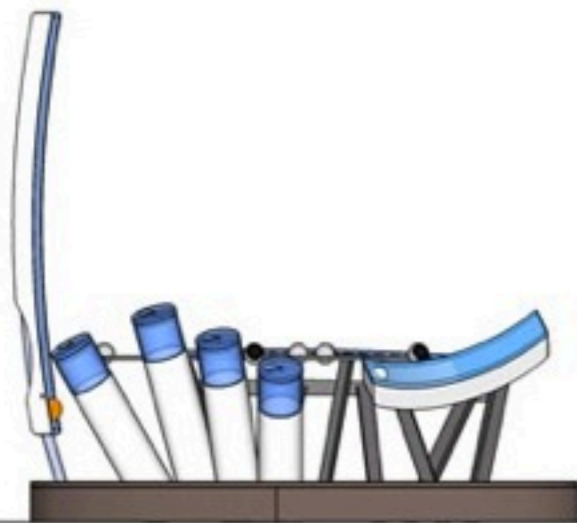
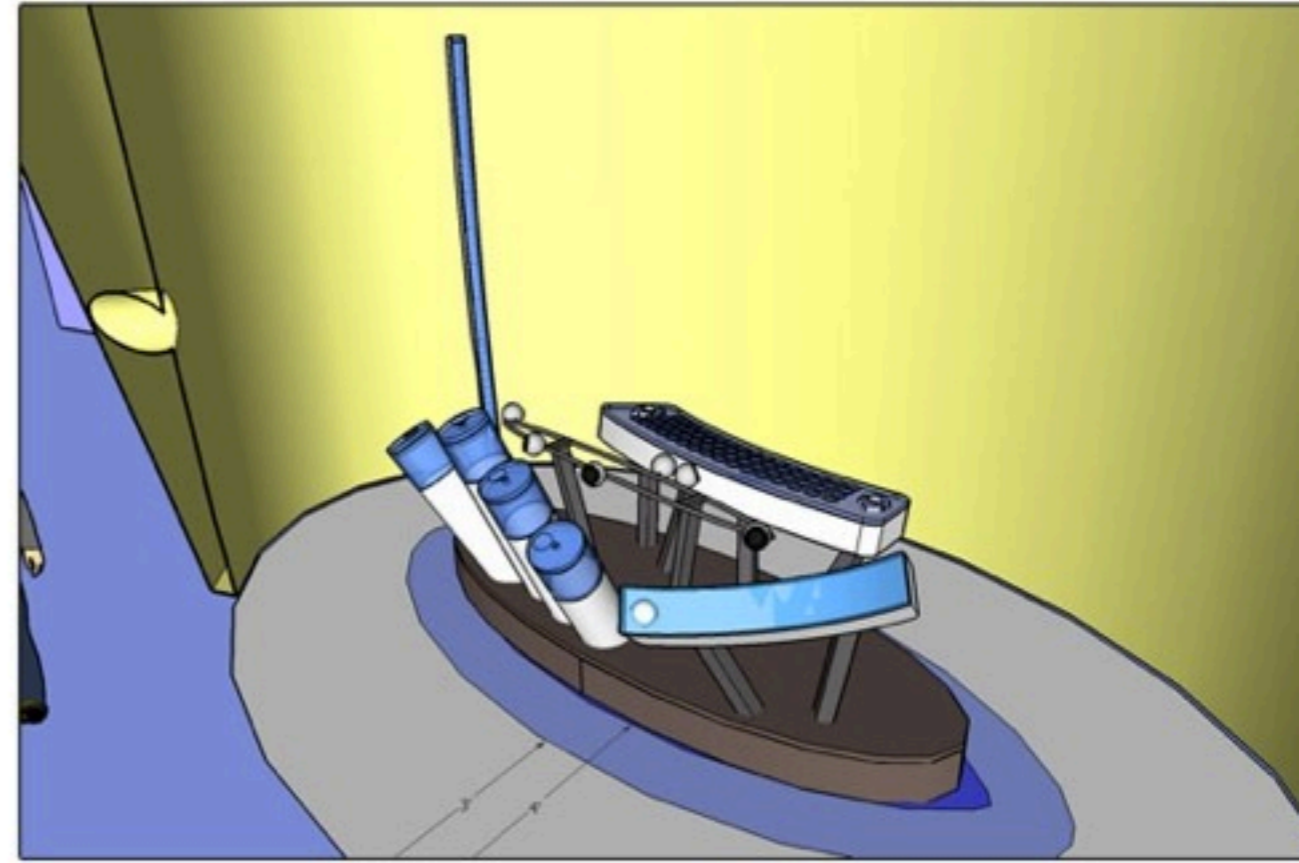
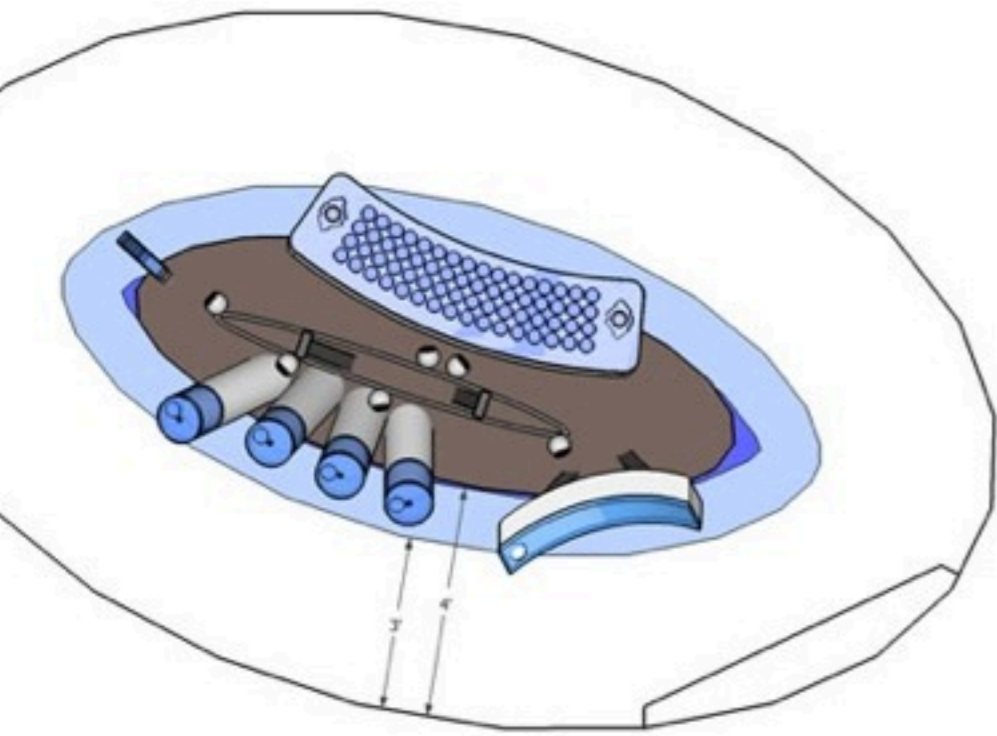
J... activities are
in file - please
DC - activities

how far pieces of a
unproductive

the real

Ben Rubin + Mark Hansen,
Listening Post

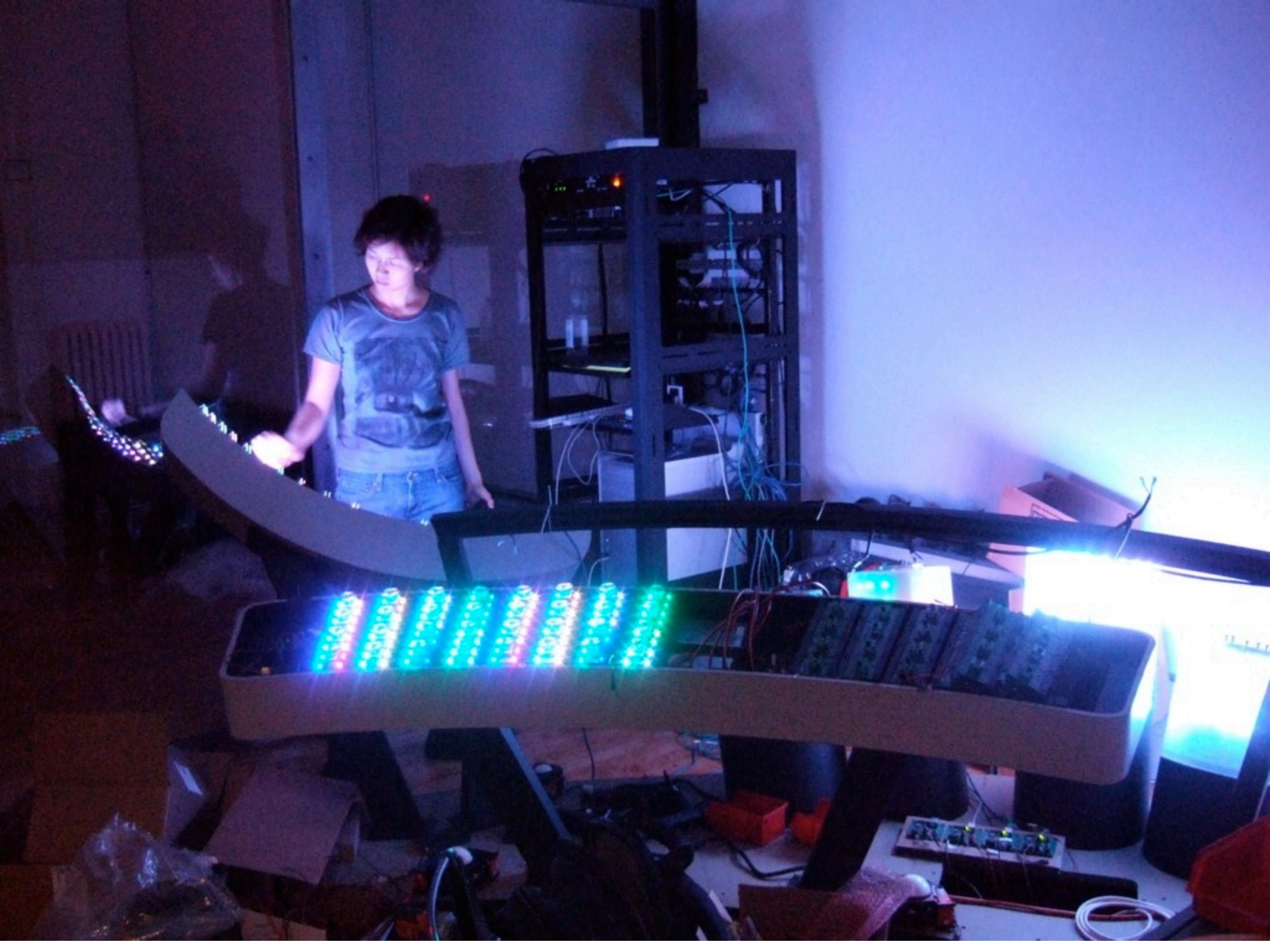
Inside the “Sound Playground” for
CT Science Center

















Ship
Hull
Mast
Mast
Mast

