

Experimental Music & Digital Media (*EMDM*)

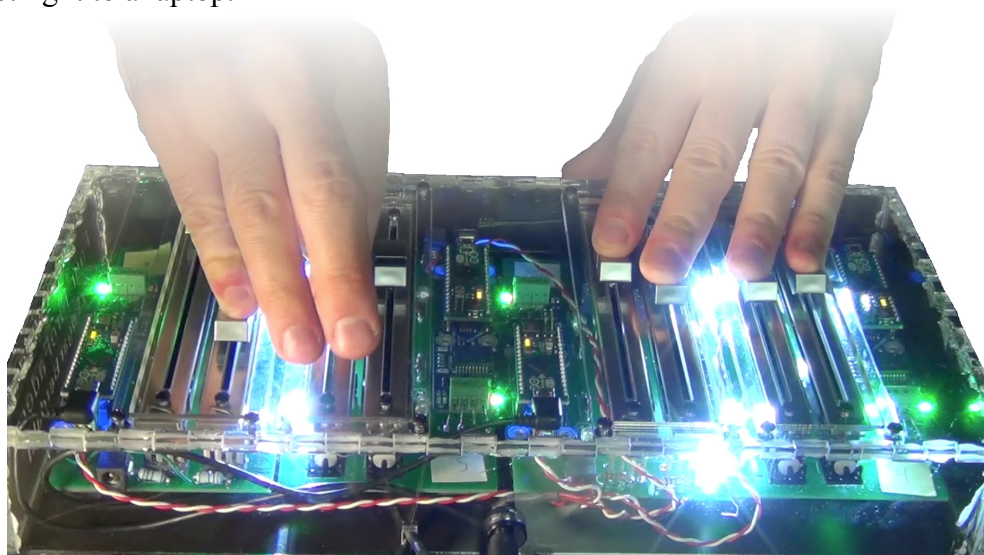
Table Exhibit Proposal for New Orleans 2016

Organized by Edgar Berdahl

1. *FireFader*

by Edgar Berdahl

The FireFader is a force-feedback device made using motorized faders taken from a mixing console. Virtual acoustic instruments can be *felt* and *heard* (via headphones) through simulation of their structural vibrations. This device is open-source hardware and is made with Arduino and mail-order laser-cutting. It can be demonstrated simply by connecting it to a laptop.



2. *Sandbox* – Chris McCardle

Moving sand around in a sandbox causes musical sounds to be evoked.

3. *Feedback Nunchucks* – Matt Blessing



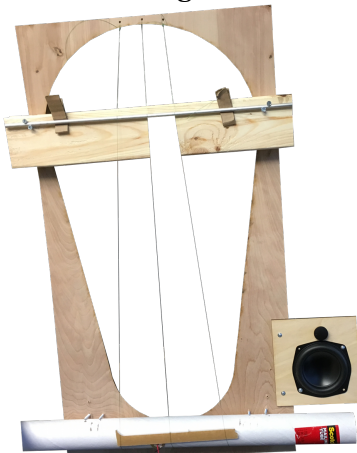
The sound of the feedback nunchucks can warp your mind. Hold them near each other to hear the warm sound of nonlinear feedback.

4. *Rods Tremolo* – Michael Blandino



Sing the body electric with these tremolo hot rods!

5. *Bendastring* – Eric Sheffield



Strings become super-bendable when they are mounted on a widely rounded bridge. Try them with and without audio signal processing electronics!

6. *SuperSonicSoaker* – Edgar Berdahl



The SuperSonicSoaker soaks you with sound. Play a duet with the weather!

7. *Hipnosynth* – Jesse Allison

Hipnosynth is a musical instrument app that runs on iPad. *Hipnosynth* allows a musician to play melodies and scales in various sonorous spaces, as controlled from a touchscreen interface. The sounds match the colors! *Hipnosynth* is built on top of the custom-designed *Hipnotouch* parametric control surface software (see below, left).

