

DIY together workshop

Through the technique of circuit bending + hardware hacking we can create our own audiovisual instruments.

Using toys, broken electronics, recycled electronic parts you can create a lot of new sounds and images. Bring your electronic device, like as: old toys, casio keyboards, guitar effects, radios, walkie-talkie, security cam, video mixer, assorted recycled electronic parts.

Summary of workshop contents:

- Opening of the workshop and objectives
- Introduction about the artist – panetone
- Presentation of instruments created from the art of Circuit Bending
- Concepts and axioms
- Hands on
- The Electronic Device
- Opening the device
- Identifying the electronics on board
- Choosing your control layout with LDR, potentiometers, resistors and diodes
- How to properly mount control hardware
- Installing pitch adjustments and audio output jacks
- Marking the best points and finding bendings
- Assembly of the controls and fine tuning your bends
- Basic soldering
- Drilling and cutting plastic
- Registration graphic design and labeling your controls
- Closing
- Comments on Circuit Bending and Hardware Hacking
- About the authors, bibliography
- All playing together