Circuit Bending

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Outline

Circuit Bending

Back to the future (Live Electronics)

- The Art of Noises Luigi Russolo 1913
- 'Cartridge Music' Cage 1960

Sonic Arts Union

- 'Wave Train' David Behrman 1966
- 'Cello With Melody Driven Electronics' Behrman 1975
- 'Hornpipe' for French Horn and 'Cyebersonic Console' Gordon Mumma 1967

David Tudor

- ‘Rainforest’ 1973 ‘Rainforest IV’
- ‘Composers Inside Electronics’ collective

Ralph Jones

- ‘Star Networks’ 1978
- Circuit Building on stage with ICs

Paul De Marinis

- ‘CKT’
- ‘Pygmy Gamelan’ 1973
- ‘Great Masters of Melody’ 1975

Europe

- Duo ‘Voice Crack’ 1972
  - Andy Guhl and Norbert Moslang
- Cracklebox 1975
  - Michel Waisvisz

The Future Back (Circuit Bending)

- Experimental Musical Instruments Journal 1992
- Reed Ghazala

Phil Archer

- Contact Mics
- Classic Bends

Open Hardware

- Arduino 2005
- Raspberry Pi 2012

Device Futures

- Open
- Closed