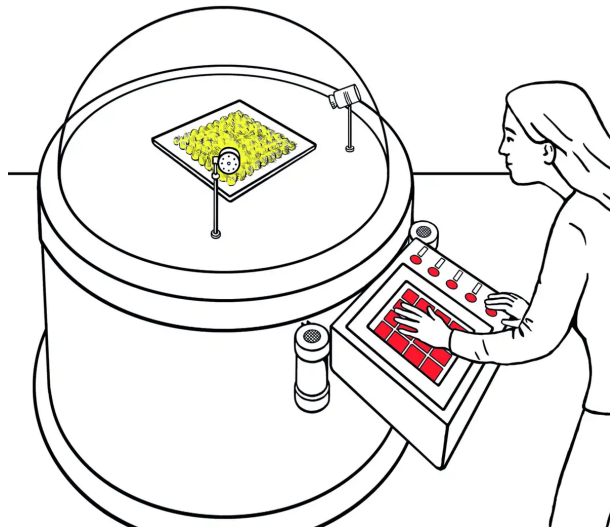


Dancing trees

David Durlach

Can you make the iron powder dance?



Press the button "interaktives Pad" and hold your hand above the pad with the 4x4 metal plates.

Watch the small treelike structures.

Press a button to choose a choreographie.

The Dancing Trees are made of very fine iron powder, sticking together by magnets. The iron particles line up along the magnetic field lines of the magnets.

The magnetic field can be varied by several electromagnets, changing the pattern of the magnetic field. This makes the iron powder move to a new position. The electric currents through the electromagnets are controlled individually by a program to make the iron powder "dance".

With the interactive pad you can control the electromagnets underneath the tray of iron dust. Each metal plates is connected to an electromagnet.

The Trees are dancing to the following music:

- Black Vortex by Kevin MacLeod
- Tango-on-gap by Sergey Kovchik (Provided by Jamendo)
- Kiss My Lips by Kate Orange (Provided by Jamendo)
- Call to Adventure by Kevin MacLeod