

## **LINE**

Daisuke Kobori, Kojiro Kagawa, Makoto Iida, Chuichi Arakawa

*IRCAM, Level -2, Entrance Studio 6*

LINE is an interactive installation that enables a synchronous expression of sound and light. Audiences can simultaneously control sound and a three-dimensional light object, which appears in a cylindrical display. By moving a handheld control device in the air, audience members can experience a harmonious expression of sound and light. Once the audience member swings his arm up, the light object and sound emerge in space. When he swings his arm up again, the light object vanishes without a trace.

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## **Audio Shaker**

Mark Hauenstein, Tom Jenkins

*IRCAM, Level -2, Corridor*

The Audio Shaker explores our perceptual understanding of sound. Anything sung, spoken, clapped, whistled, or played near it is trapped inside, where it takes on an imagined yet tangible physicality. Sounds caught in this void are transformed, given weight and permanence, reacting directly to the shaker's movements, subtle or violent. Shaken sounds have to settle down before becoming still and silent, behaving more like fluid than transient energy.

The linear timescale of sound is broken, a conversation is split into words and mixed up in the shaker, and can be poured out separately, tipped out in a simultaneous splash or added to and shaken up further.

Put simply, it is a tactile container to capture, shake up and pour out sounds. Creating a rich, intuitive experience that is purposefully open to interpretation and imagination.

<http://www.nurons.net/>

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## **Sonobotanic plants**

Marije Baalman and Alberto de Campo

*IRCAM, Level -3, Stairs*

IPSO-FACTO

Institute for Predictive Sonobotanics – Foundation for the Auralisation and Computation of Transient Objects

Sonobotanics is still a widely unknown science; it studies plants whose life experience is predominantly in the auditory domain. Since the 1970's Dr. Hortensia Audactor has carried out the core research in this area. Despite difficulties encountered in the publication of her results, she has collected a substantial body of research about the growth patterns, communication behavior, and other characteristics of these plants.

Recently, the field of Predictive Sonobotanics has been founded, attempting to create models of the plants with the aim of predicting the behavior of sonobotanic plants and to gain a deeper understanding of the subtleties in sonobotanic plant behavior.

In the exhibition models of the *Periperceptoida Dendriformis Sensibilis* and the *Periperceptoida Dendriformis Imaginaris* are presented.

<http://www.sonobotanics.org/>