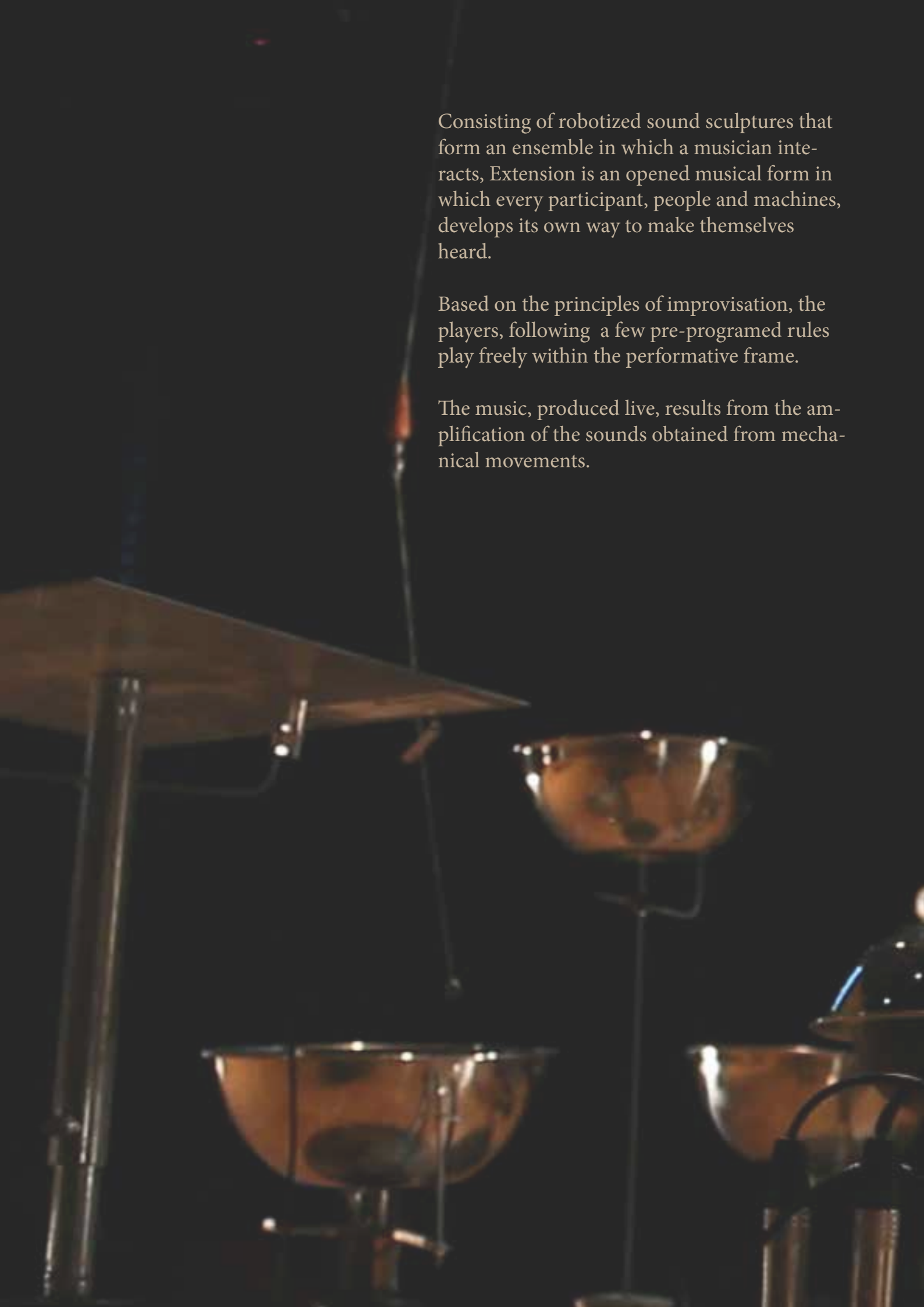


Extension

Performance for robotized

sound sculptures and


musician



Consisting of robotized sound sculptures that form an ensemble in which a musician interacts, Extension is an opened musical form in which every participant, people and machines, develops its own way to make themselves heard.

Based on the principles of improvisation, the players, following a few pre-programmed rules play freely within the performative frame.

The music, produced live, results from the amplification of the sounds obtained from mechanical movements.



Just like a forest is a compound of organisms, plants and animals that interact and evolve together, Extension is a compound of movements, materials and sounds that interact and evolve together.

The improvisation, spontaneity, and interpretation side is done instantly, through a system of sound data analysis that is interpreted on the spot, giving the structure of the score.



The strictly aesthetic side of the installation is the result of a permanent give and take between sound and image.

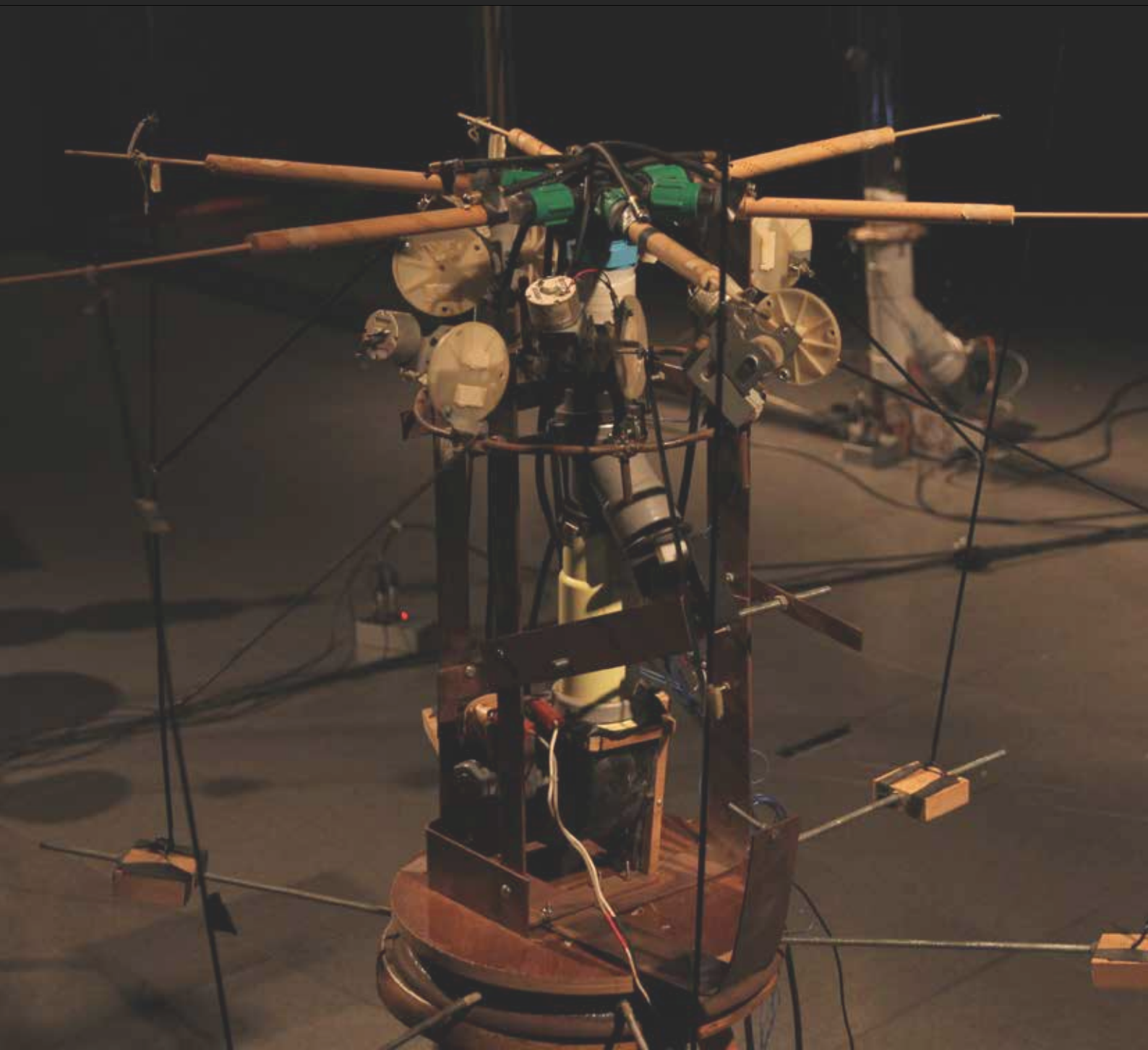
The sculpture achieves its desired aesthetic when the dialog between sound and shape gives life to a fluent dynamic that allows the potential within each object to be exposed.





Extension is an evolutive performance, placed between illusion and reality, right on that fragile space where even with everything being openly displayed, it is the transformation of the real that delivers the magic, awakening each person's own imaginary.

Caracol : Six slide-flutes assembled on a single air column. Each flute is driven separately and at the same time it has an influence on the sound of the other flutes by affecting the air flow which gives place to micro-tones and harmonics. Caracol has 7 motors, an electro-magnet and 9 microphones.

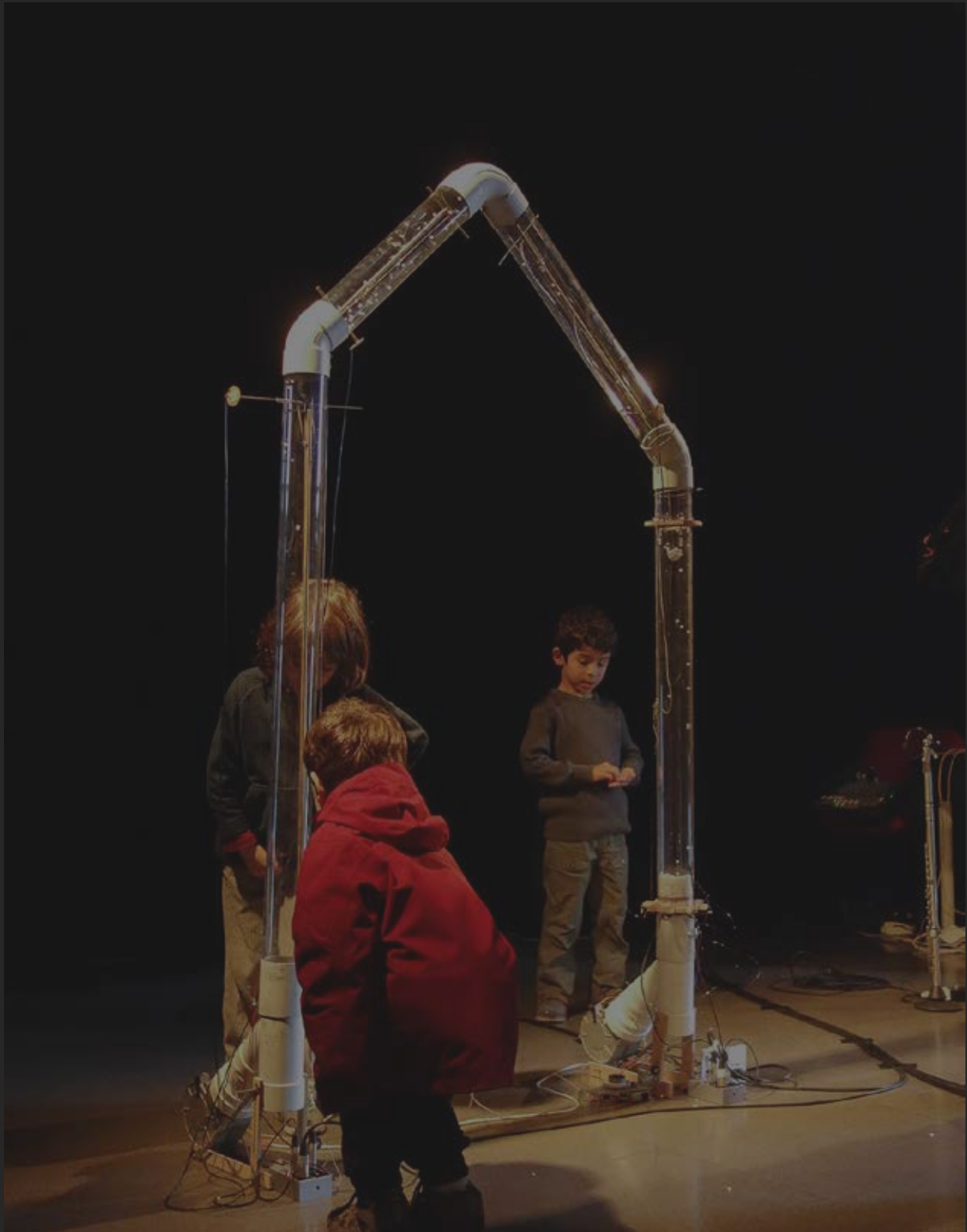


Bolas : something between a physical granular-synthesis and a snow ball. Inside a spheric metal net, hundreds of polyester balls, directed by several fans, fly around bumping into multiple sound surfaces.

Bolas has 14 motors and 11 microphones.



Distrib : equipped with copper elements that are directly connected to several « electric piezos », that transform the sculpture in a big microphone. This sculpture is composed of 4 independent instruments that vibrate with the contact of hundreds of polyester balls. Distrib has 8 motors and 4 microphones.



Luna : based in equilibrium and made of poles that move weights up and down and of a pump system that produces water drops. Both the weights and the water drops hit sound surfaces such as amplified bowls and metal plates.
Luna has 5 motors and 14 microphones.



Conception, realisation, composition, interpretation : Vincent Martial

Flute player, composer, sculptor and electro-acoustic musician, Vincent Martial develops musical forms that brake the regular schemes.

In solo, in artistic collaboration and for theater companies, he works on improvised music, lutherie sauvage and new technologies to built sonic sound sculptures



Extension is presented as a performance as well as an autonomous installation in which the public can move among the sculptures. Both versions of the work are autonomous and at the same time compatible to be played and displayed in a single place.



SONAMBULE

www.sonambule.net/extension.php

Vincent Martial
vinzmartial@gmail.com
+33 6 17 10 19 86

Noémie Vila
noemie.vila@gmail.com

