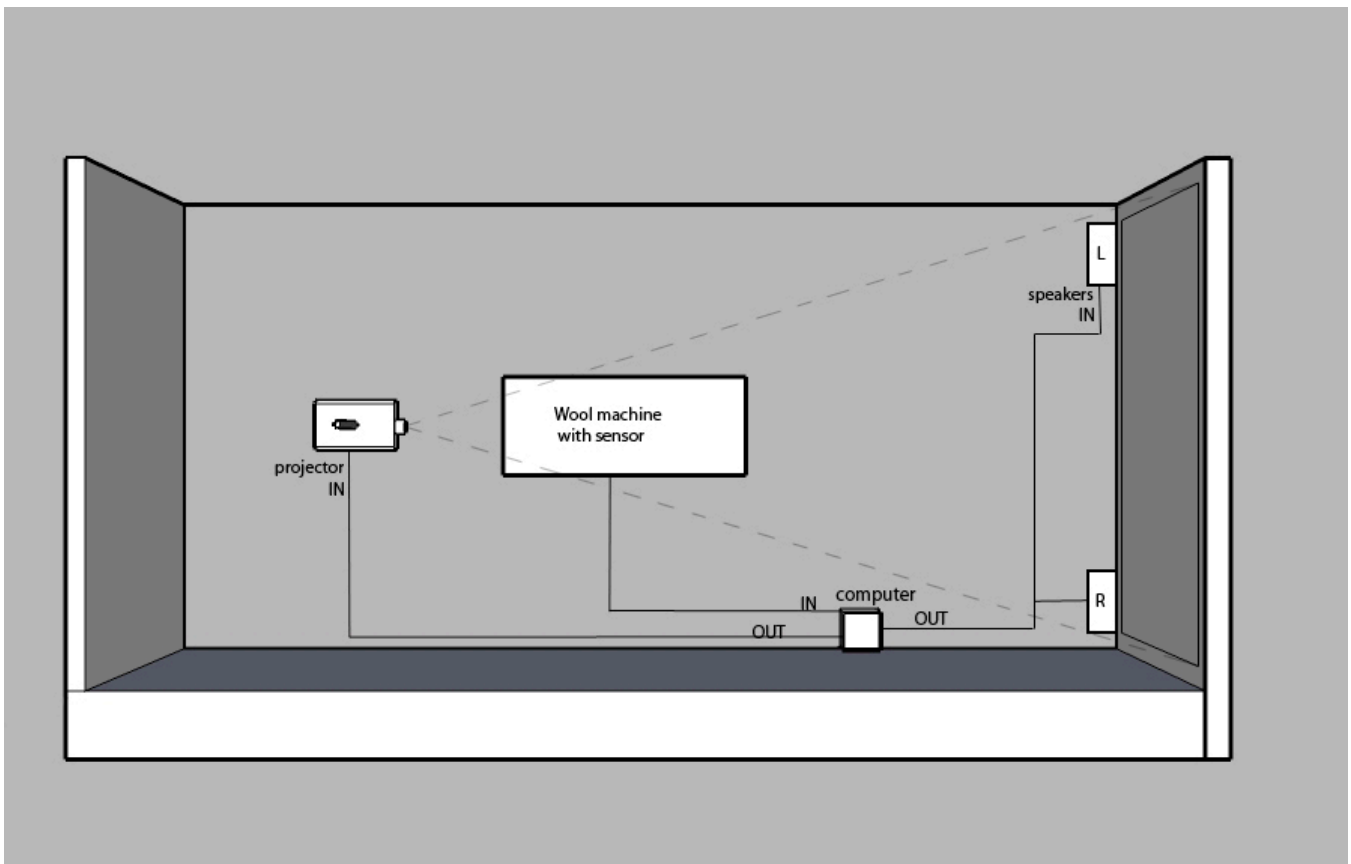


timeLandscape - wool rhythms

Installation Technical Description

The *wool rhythms* project was realized as a collaboration with the artist and programmer Matteo Sisti Sette - author of the application developed especially for the installation which mixes audio and video frames as a reaction to physical movement.

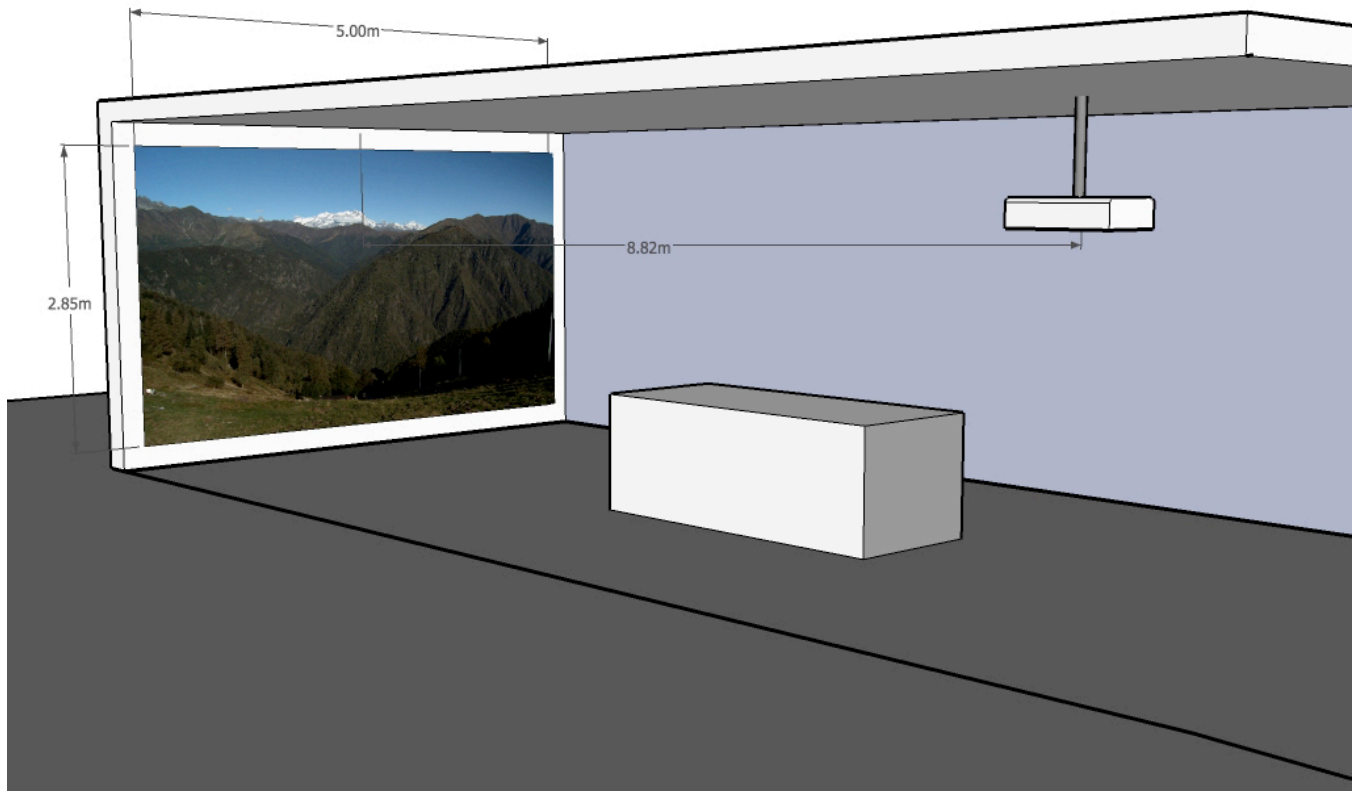
On entering the installation space, the viewer faces the wool machine and the screen in front of it with a projection of one continuous day time-lapse (in loop). When the viewers interact with the machine, fragments from audio and video frames (from different moments of the days) are mixed in real time. According to user's velocity in turning the wheel, the width and height of the lines generated vary, as well as the duration of audio fragments, printing every users' rhythm onto the real time composition.



[When users turn the machine wheel, a sensor attached to the physical machine sends digital signal to the custom patch in the computer, which calculates the speed of human interaction and uses it as the parameter for mixing audio and video in real time. Computer sends images to the projector and audio to the speakers.]

The system programmed with Puredata/Gem accesses a database where different and separate video and audio tracks are stored. In the present version, the database is composed of one main video track (the one played continuously when there's no interaction) and up to three other video and audio tracks (fragments of other day cycles depicting the exactly same space). When there's interaction, the real time composition is a result of mixing fragments (lines and pixels) of all the different days cycles stored in the database.

Dimensions and example of montage*



* installation dimensions vary depending on projector and space specifications.

The dimensions above are based on a 3.000 ansilumens projector with straight projection.
Other ways of projecting may decrease dimensions necessities.

--- **Technical Requirements List**

- . 01 video projector (aspect16:9, resolution 1024x576px, ansilumens>3000)
- . 01 computer (minimum configuration: PowerPC, Intel Core 2 Duo, 2.4GHz and 4GBram)
with Linux Operational System, software PD-Gem
- . 02 sound speakers (stereo L R)
- . 01 sensor
- . 01 wool engine
- . cables