

Laser air current x sensor bass

For my final personal project I decided that I would like to explore the interaction of body and space within the laser spectrum. This project is a combination of my curiosity for lasers and the light they emit and how that could interact with our body in a certain space.

The last months I am exploring through my major how light enhances and modifies certain feelings in combination with sound and space. For this project the space has a very significant role. Low light and fog are ideal for the visualisation of air current with the use of laser module.

My design contains a wide lens laser module that will be mounted vertically on the ceiling. In that black dark foggy space that beam will be able to visualise air current. The people who will enter the installation will be able to create their own designs with their body movement. By placing movement sensors that can detect proximity and piezos in the space I will connect them to a speaker that will output lower Herz sounds (Bass) when they approach the beam. In this way the people who will enter the installation will be able to modify the air current pattern since their movement will create air pressure from the sounds that they will output.

In this way I would like to explore the body and how this laser beam can be an extension for design.collective or individual. I am curious to see how the body/bodies will manipulate their movement in order to enhance or animate the laser pattern. I find very interesting how space and it's main characteristics play a crucial role on our audiovisual perception. Through this project the audience will be able to see illuminated laser particles in that space and explore their personal connection to the matter.

<https://vimeo.com/364836175>

<http://nickverstand.com/projects/esper/>

<https://www.zalan-szakacs.com/projects/eigengrau/>

