

Project Abstract Template

Project Title

Charmolipi (χαρμολύπη)

Group Members

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Motivation

The goal of the installation is analyzing the essence of closeness between human beings. Two individuals far from each other are single entities, keeping their entire being within themselves. When the two start to get closer to each other, an exchange gradually happens, then translating into an opening of their respective boundaries, sharing parts of themselves and receiving something enriching in exchange. Closeness, sharing and openness are all things that our installation wants to promote and encourage.

Project Concept

The installation exploits the interaction of multiple people moving in an environment. Their movement is detected with the Kinect technology and successively mapped into parameters used to control visuals and sounds. Visuals will show a particle system where clouds of small dots are controlled by people position and movement. These will unite forming a network of interconnected nodes. Graphical implementation will be made using touchdesigner. The audio part will be implemented through supercollider in order to obtain generative music ideas based on a Markov chain model controlled by the distance between entities parameter. The audio and graphical control system takes into account both the position in space and the dynamic of interaction between users.