

THNDRPPL

are a collective formed by designer Francisco Furtado (PT),
musicologist Trever Hagen (USA), software programmer
Ed Barber (UK) and visual artist Inês Aleixo Leiria (PT).

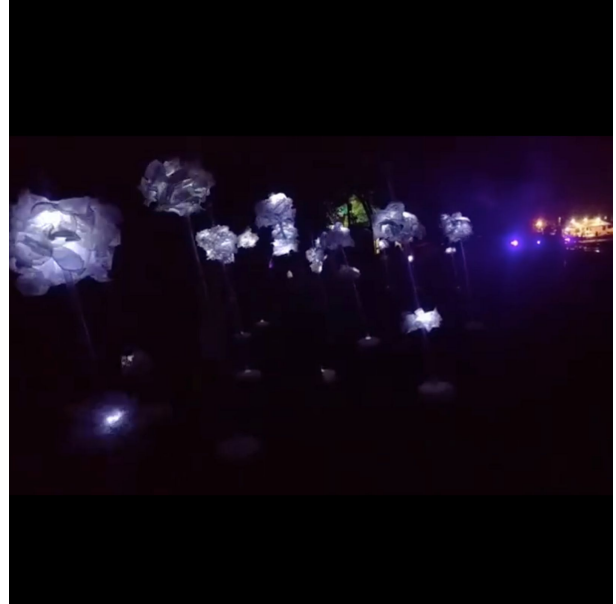
We develop work concerning the virtual architecture of sensory
spaces and its relation to social experience.

thndrppl.com

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RIVERPODS



The Eaux Claires Music & Arts Festival (Wisconsin, USA) commissioned our latest design **RIVERPODS** which bridged the festival grounds with the surrounding river.

The piece comprised 40 synthetic trees with 2 cloud-like units mounted on each, making up for a total of 450 individual sound-reacting & light-emitting points, all acting as a giant visual equalizer to the massive sound pressure levels emitted by the festival's speaker arrays.

Conversely, whenever music was stopped, each pod reacted individually to the sounds and touch of people nearby, resulting in groups of people weaving beautiful light textures together by singing, screaming and playing all around the **RIVERPODS**.

SYNTHETIC PEOPLE



Our next design is intended for the outside space of Casa da Música, where the specificities of the venue along the mobile nature of the Roulote shall allow for an effortless and synergetic connection with the citizens.

Dressed in sensory enhancing fashion, live human entities and expressive simulated people shall share a space. Their interactions shall involve the **generation of sound** and **emission of light**, activating and heightening that space. This shall be seen and heard from afar. People will wonder what is going on.

PREVIOUSLY

We have developed 5 **systems** for **improved living** and **health communication**:

HUMAN SEQUENCER . Sound Sculpting Wearables

TWO PAIRS OF GLOVES CONTROL A SOUND WAVE AND A COLOR PULSE

w/ [Roulote Projectos Artísticos](#) @ [Festival Andanças](#)

@ [Festival Condomínio](#)

@ [Fusca Gallery](#)

PENTAPHONE + DECAPHONE + BALLOONOPHONE + FISHOPHONE + REELOPHONE

. Sensory Amplification Devices

A SERIES OF TRANSDUCER PROTOTYPES, CONCERNING SOUND AND LIGHT

VOX-LUX . Sensory Enhancement Technology

A WALL OF BALLOONS WHICH INDIVIDUALLY LIGHT UP THROUGH SOUND + WALL ACTIVATION PRODUCTS + VOX-LUX APP

w/ [Festival Condomínio](#)

RIVERPODS . Synaesthetic Forest

AN ARTIFICIAL FOREST WHICH LIGHTS UP THROUGH SOUND AND TOUCH

w/ [Eaux Claires Music & Arts Festival](#)

HYPER LAYER (WIP) . Abstracted Virtual Stage

A VIRTUAL REALITY VISUAL ENVIRONMENT WHICH RESPONDS TO INCOMING SOUND

Online