

Rafael Lozano-Hemmer
and
Nils Völker

MART340

Rafael Lozano-Hemmer

- Mexican-Canadian electronic artist
- Mainly works with:
 - Architecture
 - Technological Theater
 - Performance
- Known for his unique and immersive galleries and artwork

Basic Background

- Born in Mexico City, 1967
- Received a Bachelor of Science in Physical Chemistry
 - Concordia University in Montreal, Canada
- Produced several large scale interactive installations for events such as:
 - Millennium Celebrations in Mexico City (1999)
 - Cultural Capital of Europe in Rotterdam (2001)
 - UN World Summit of Cities in Lyon (2003)
 - YCAM Center “opening” in Japan (2003)
 - Winter Olympics in Vancouver (2010)

Just to name a few...

What are they known for?

- Incredibly unique, abstract, immersive installations
- Often shown in different forms using:
 - Architecture
 - Special Effects using Algorithms
 - Machinery
 - People
- The art is typically always interactive with the viewers
- The art usually gives a sense of wonder with the addition of futuristic themes

Some Examples:

Pulse Room

- Records the heart rate of the first viewer and represents that data in the first light bulb via flashes
- Every new addition of data replaces the old, sending the previous heart rate to the next bulb, and so on.



Some Examples:

Voice Tunnel

- Records the voices of passerbys on an intercom in the middle of the tunnel
- Displays the voice via speakers and light show
- Each new addition replaces the last from the center of the tunnel to the end, similar to the Pulse Room



Nils Völker

- Media artist based in Berlin whose path led from communication design to the use of physical computing
- Mainly works with
 - Electronics
 - Programming
 - Everyday objects / Fragile materials
- Known for art that investigates mechanical rhythm via simplistic objects

Basic Background

- Born and residing in Germany
- Uses art and science hand-in-hand
- Has a background in:
 - Media Arts
 - Graphic Design
 - Machine Art
- No deep knowledge in electronics but learns through his work
- Awards/Nominations Include:
 - Nomination for Prix Cube, 2014
 - 1st prize in the 7th Share Prize, 2013
 - Honorary Mention at the Vida Award 15.0, 2013

What are they known for?

- Using simple household items or fragile material with machinery to display unique pieces of art that consistently change the emotion of an exhibit room
- Mainly “choreographed breathing” (since 2010) which are basically a matrix of cushions or other materials which deflate and inflate in a controlled rhythm
- These pieces consist from materials ranging from 252 silver cushions or 19 enormous golden cushions made of mylar foil

Some Examples:

Seventeen

Prix Cube 2014 Display



Some Examples:

One Hundred and Eight

- Made of ordinary garbage bags
- Uses cooling fans and a camera to track movement of viewers or simply works automatically in rhythm



Rafael Lozano-Hemmer & Nils Völker
MART340

Presentation by Daine Gostas