

MOOD ORGY

EXPERIENCES

EMERGENCE ~ EXCITEMENT

MOBILE

SITUATIONS



Open Source
ALGORITHM

$$\begin{array}{c} \text{Open Source} \\ \text{ALGORITHM} \\ \text{II} \\ \sqrt{\frac{U \cdot ?}{M \cdot \#}} \end{array}$$

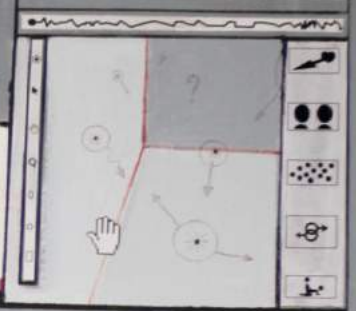


MOODY®



Highly essential communication tool for places with complicated social order!

power energy love



EMERGENCE-calculation

HUMAN INTERACTION LIFE

LIVE

-

+

PEOPLE INVOLVED



08

FUTURE

HERE NOW

PAST



moody®

MOODY® 2.0 - device-picture. This jewellery shows the excitement-color continuously by measuring the temperature of the ear constantly. And it connects with server and screen to visualize the energies between people. The new version of the Rode Oortjes Meter is smaller (fixed behind the ear and clipped on ear) and can transmit data via BLE.

<https://excitingresearch.io/>



photo of MOODY® 1.0 + sketch of new PCB - 2020

The 'Exciting Research', an ongoing research about the excitement-measurements collected and visualised by a device (MOODY®) - intending to make the third upgrade - hanging on the ear, a jewel/ earring. It shows the individual excitements of the people by measuring the temperature of the ear. And it will give us data to visualise the 'Energies between People'.

Idea:

The audience participates by wearing a device (MOODY®) that measures their excitements together with the distances between them. A clip on the ear measures the temperature constantly while a small light (rgb-led) shows the color/ level of excitement. The scale goes from blue (low excitement) to red (high excitement). All data is sent to a server. With that data, coming from the excitements and mutual distances of the people, we will develop algorithms to visualize and even stimulate the 'Energies between People'.

'Can we learn more about social interactions as cyborgs?'

While wearing the device you can not see your own color, the device shows extra (extravert) information without you controlling it. With the MOODY® you will grow a new cyborg sense, an extension of your body and a new reality for the others around you, something that couldn't be 'reachable' in normal social interactions.

moody®

EXCITEMENT CALCULATOR

This project is in between science fiction and fiction science but then realised in a seemingly 'accurate' construction. A world where everyone's mask seems to fall off and where social interconnectivity is made aware. It can break the ice and change social constructions by making everybody more 'sensitive'. A less-hierarchical sharing space. Your subconsciousness is 'vulnerably' shown with your consent, because you agreed on showing it, by wearing it. Sub-conscious collective behaviour is measured, visualised and further stimulated. The body, its relations and exchange with other bodies and the context open a framework where technology serves as a canvas to paint our emotions.

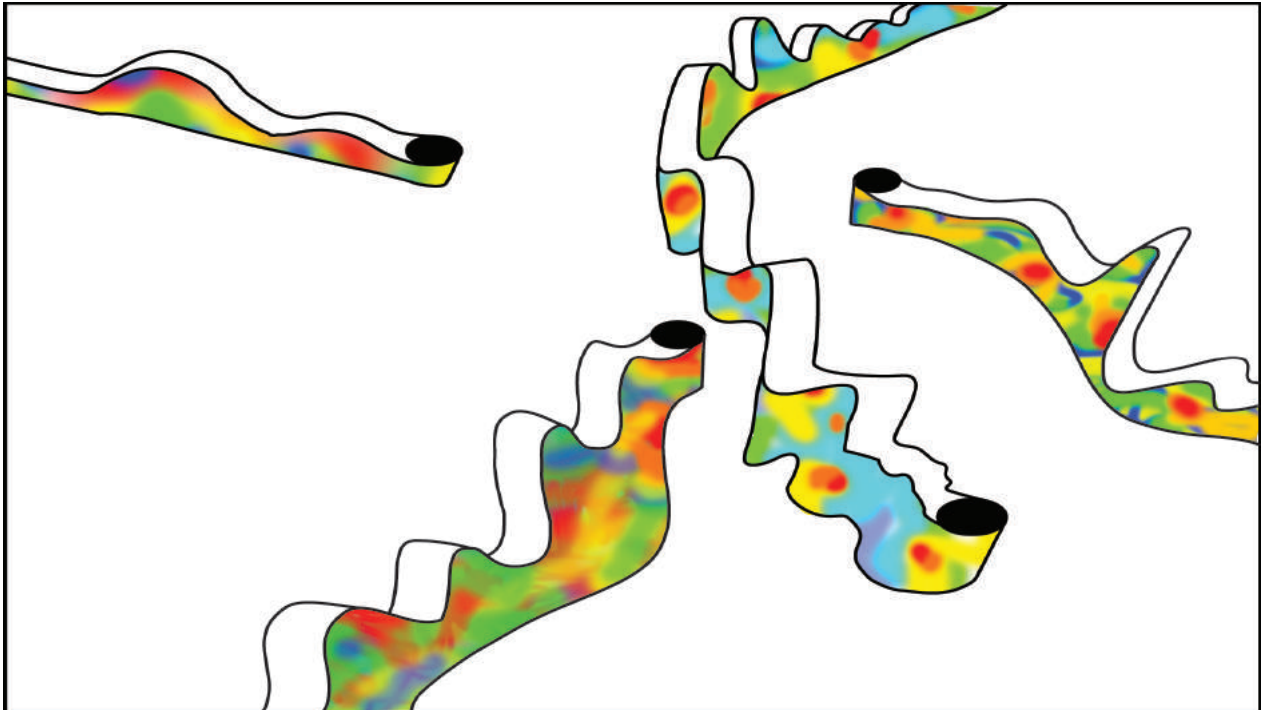
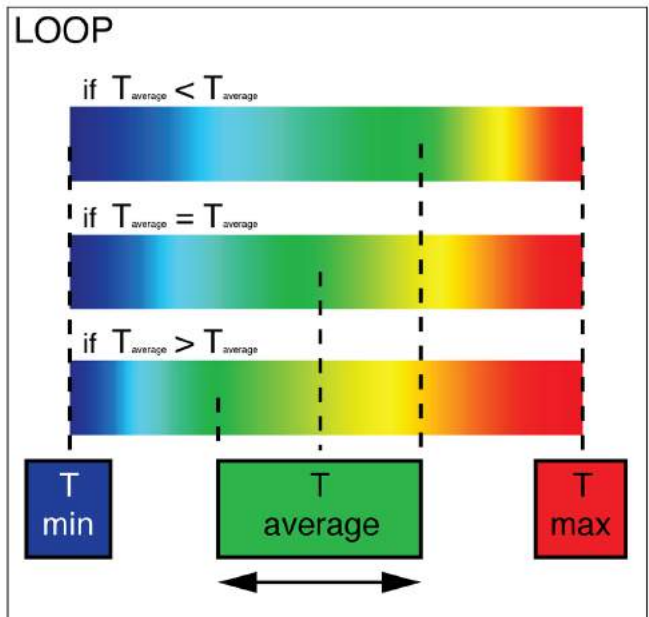


Chart of Live Excitement Trackings, digital drawing, sketch of a live graph showing the excitement, time and place of all participants.

moody-proof

code:

Finally the idea is to make a product-hipe by 'massively' releasing another useless product that becomes sense-ful as communication-tool in spaces with complicated social order. A product in between a gadget and a durable jewelry, like the moodring was but than with live transmitted data. The accuracy-believe of the MOODY® will be bigger than the 'Moodring' as we start to believe more in technology and data than in humans.



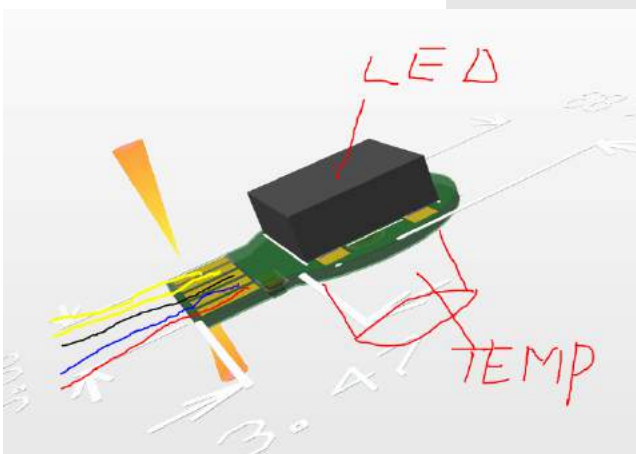
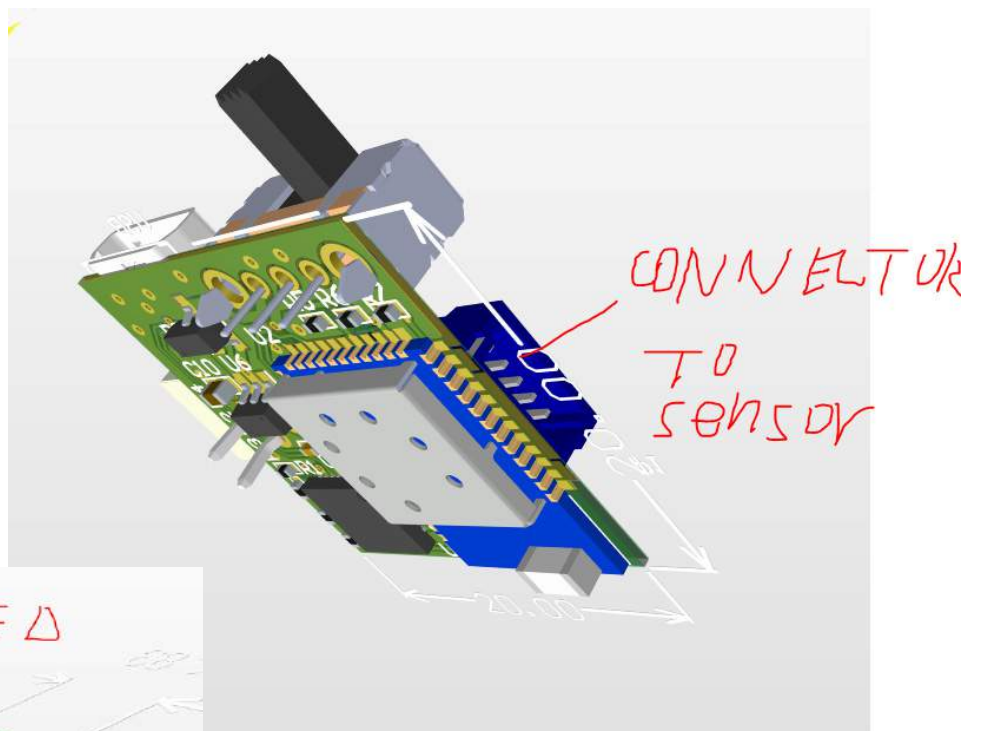


Rode Oortjes Meter 2014, Black 3D printed box (45x30x25mm) + Red laser-etched Plexiglas + PCB board + components + battery + black ear clip consisting of two glued 3D printed forms with RGB-LED and (orange) thermistor + 4 thin braided electrical wires, 53 x 30 x 25 mm, device that arousal measures on the basis of the temperature of the ear.



MOODY® 1.0 2018 - Excitement Calculator: This jewelry shows the excitement-color (an rgb-light) continuously by measuring the temperature of the ear constantly. The device connects with server. The new version is smaller (fixed behind the ear and clipped on ear) and can transmit data via BLE using a ESP32. Components: ESP32, Li-battery, tiny wires, infra-red temp sensor, rgb-led, on/off switch, earclip and 3D-printed case.

Currently I'm developing the new PCB board, with micro-usb for updating code and recharging. It will have a lithium battery and BL652 (Bluetooth-chip), tiny electric cables in between another smaller pcb-board with infrared temperature sensor and rgb-smd (small led).



PCB-board design - 2020

I want to order a big amount of pcb's (assembled with all components), test them and upgrade the code with distance measuring software implemented. I want to design packaging, a manual and casing. In the end it will look like a real (sellable) durable gadget/ jewelry.

Warning!

For user:

Don't try to trigger excitement consciously, because it's not possible. Honesty is not to be faked.

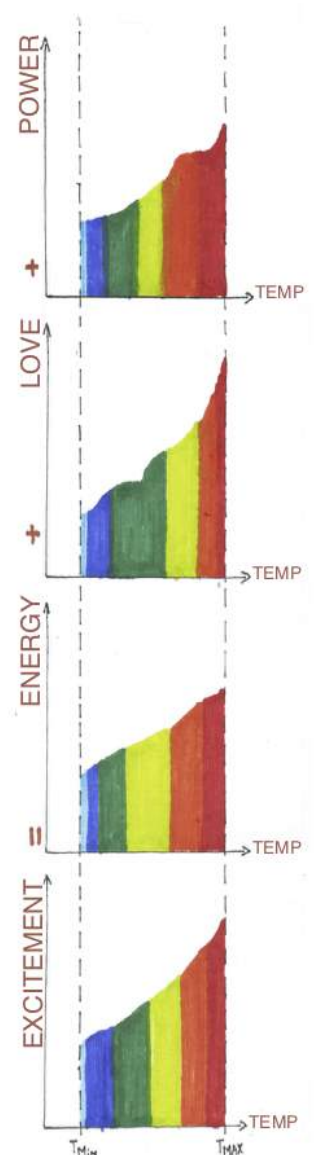
For observers:

Do not take the interpretations too seriously:

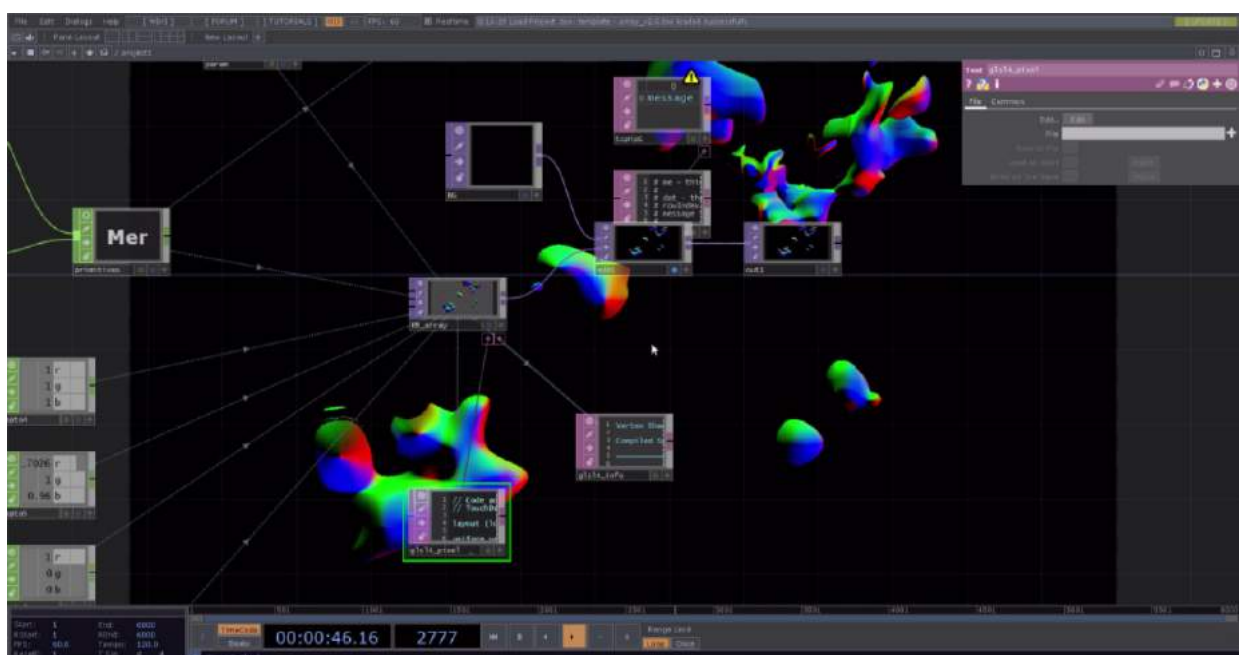
- One should not forget the human right to lie whenever he wants.
- Your own interpretation can cause false fantasies or an image that is not shared by everyone.

Levels:

PEACEFUL
CALM
METHODICAL
STATIC
BALANCED
RELIABLE
INTELLECTUAL
ANXIOUS
GENEROUS
MATERIALISTIC
EXTRAVERT
IRRATIONAL
CREATIVE
COSY
DETERMINED
PIONEERING
POWERFUL
PASSIONATE



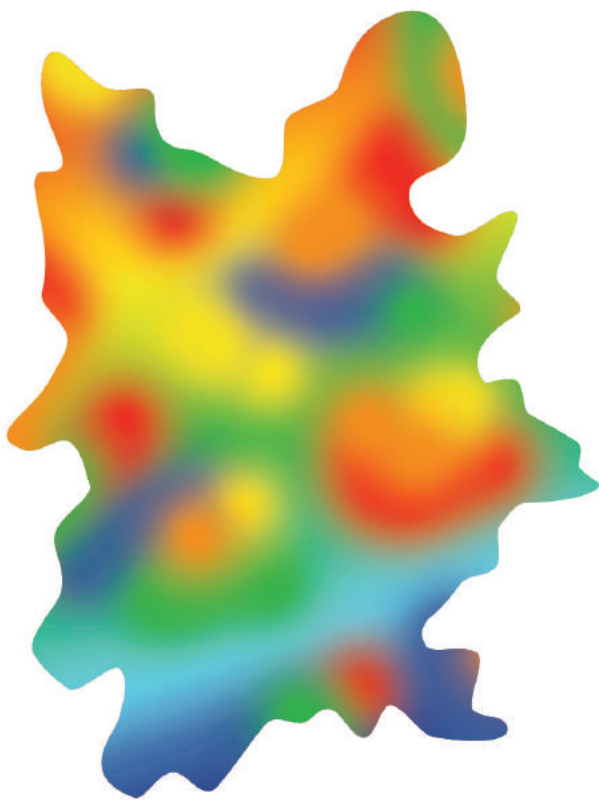
Warning message & Levels of excitement will be part of the manual



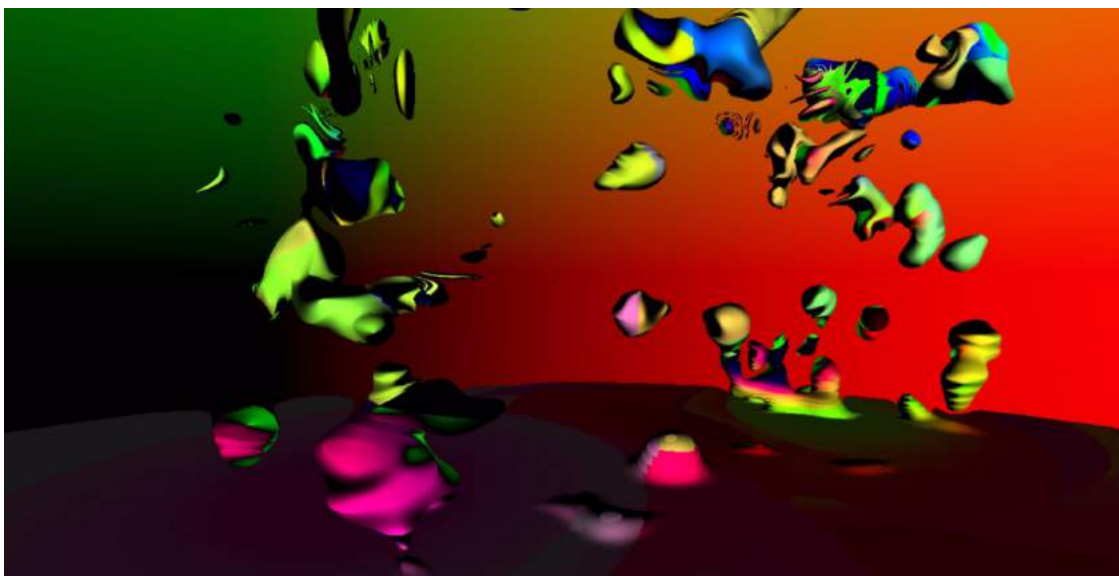
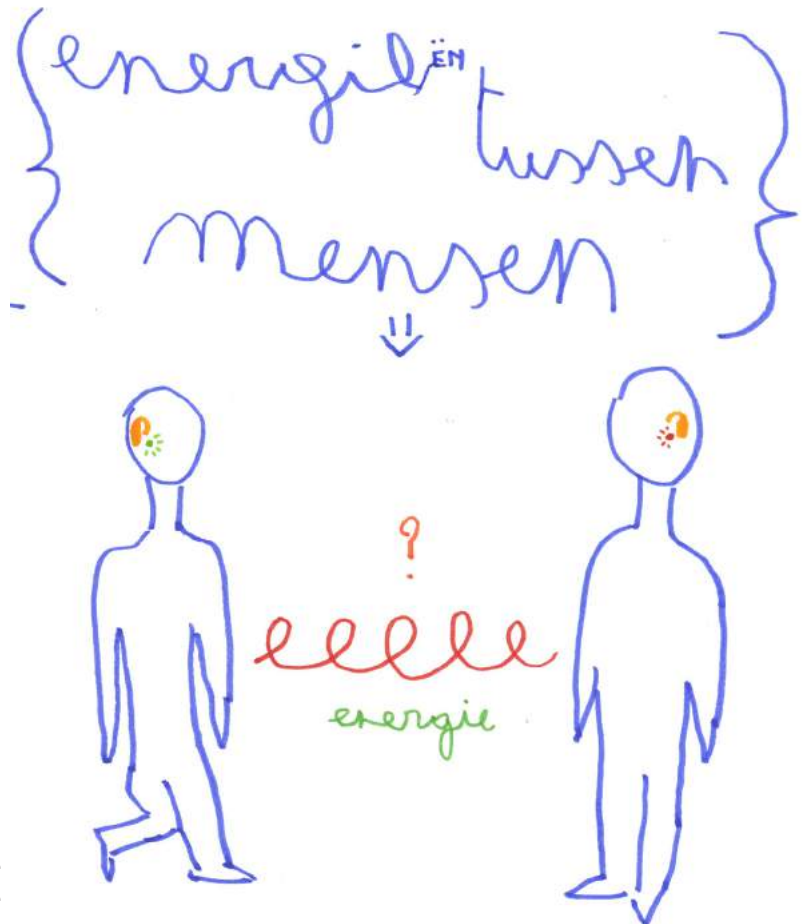
Touchdesigner-screenshot - making amorph blobs with GLSL-code - Vincent Van Dijck - 2020

Visualising the 'Energies between People'

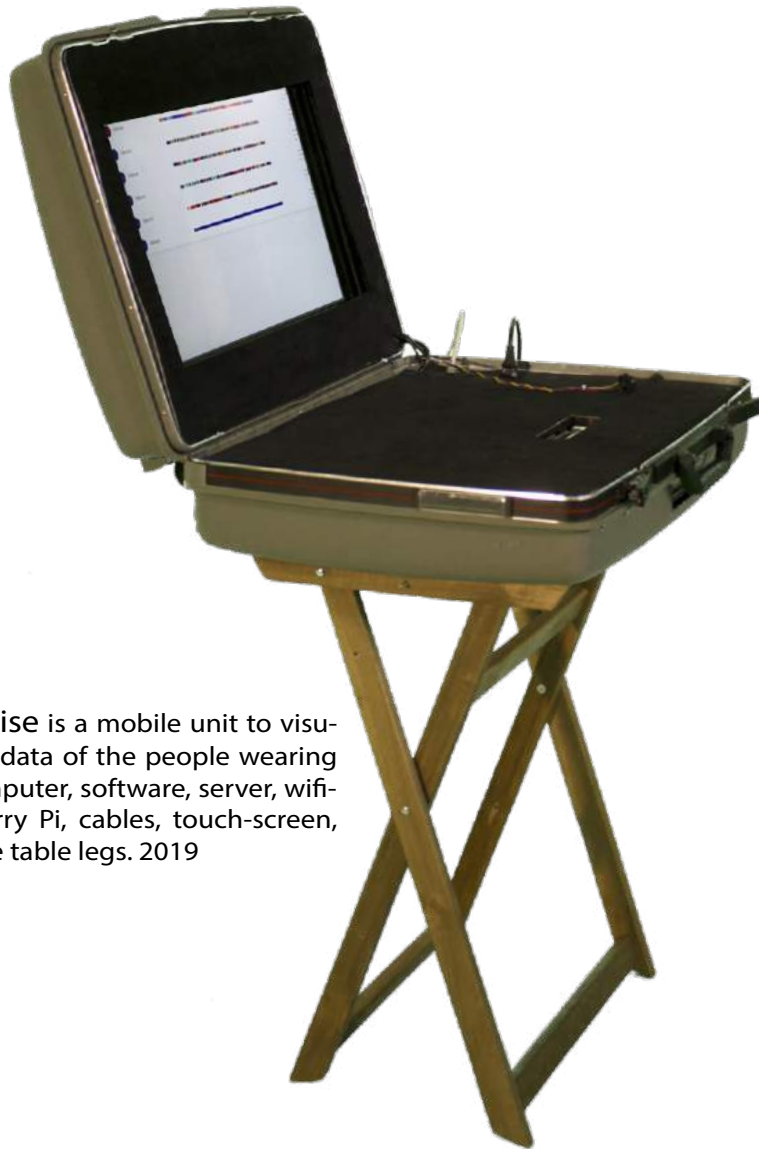
We think of an open-source platform for playful interactions, a pseudo-laboratory environment in which you are invited to participate, to wear a device and therefore become the fellow-observed and also co-observer. By doing observations we will be able to calculate algorithms and extend several outputs: artificial colorful multi-dimensional graphs in space - 3D-algorithms linked with live feed from the colors of the people and their locations, personal evaluation prints, a smartphone-application, a game for multiplayer-use, ... The code for the outputs (e.g. screen, beamer, hologram) will be written in Touchdesigner, Node.js and WebGL and other code to be researched.



Energies between people - digital sketch, amorge changing of colors and form, creature. Algorithm made with the locations and excitements of the people.



Touchdesigner - video-screenshot - Vincent Van Dijck - 2020



Exciting Research valise is a mobile unit to visualise the live excitement-data of the people wearing the MOODY®s. Gamecomputer, software, server, wifi-modem, printer, Raspberry Pi, cables, touch-screen, suitcase, wheels, foldable table legs. 2019



I'm curious how people will socially interact while wearing the device, being observed and observing, and how they are sensitive to their (collective) nakedness. I'm aware that if this technology will be used for checking people's behavior, it can be used to control you or used for checking consumer behavior. The MOODY®-data – if it is considered as 'accurate' – is extremely personal. Your excitement is constantly collected and examined.



A0-oilpainting - Jo Caimo - 2019

Labo experiences with always upgrading prototypes:
moody® (= second prototype):

- 'Ars Electronica, Interface Cultures', (Linz, AT), 2021: exhibit and expo: <https://ars.electronica.art/newdigitaldeal/en/interface-cultures/>
- 'Speculum Artium Festival', (Trbovlje, SI), 2021: <https://speculumartium.si/wp21/exciting-research/>
- 'toitoidrome' (Antwerp, BE), 2020: showcase and tests for audience
- 'Time & Space - Here & Now', (Antwerp, BE), 2019: ongoing performative installation
- 'Creating Empathy' Spektrum & Transmediale (Berlin, DE), 2019: ongoing performative installation
- 'Think Tank', Pukkelpop (Hasselt, BE), 2018: ongoing on music festival
- 'Etcetera', SMAK (Ghent, BE), 2018: During 'Etcetera' we showed our Exciting Research labo
- 'Fake it! Fake you!' - Energy between people - Hackers&Designers Summer camp, Amsterdam (NL), 2018: https://www.hackersanddesigners.nl/s/Summer_Academy_2018/p/The_Energy_Between_People

Rode Oortjes Meter (= first prototype):

- 'Exciting Research', EUROART, Nijmegen (NL), 2018
- 'Oorzaken-festival', De Brakke Grond, Amsterdam (NL), 2016
- 'Virus' - Netwerk, Aalst (B), 2014

Credits: EXCITING RESEARCH TEAM

- Original Idea: Jo Caimo (BE)
- Production & Development: Jo Caimo, Jorge Guevara (CU)
- Development & Technical support: Pieter-Jan Beeckman (BE)
- Sebastian Sprenger (AT) made a manual for the MOODY®.