

LUOVA OHJELMOINTI II
OPETUKSESSA

REITTEJÄ POSTDIGITAALISEN MAAILMAN
YMMÄRTÄMISEEN

Dr. Tomi Dufva
Aalto-University, School of Arts, Design & Architecture
tomi.dufva@aalto.fi
 tomidufva



Aalto University
School of Arts, Design
and Architecture

POST =

DIGI =

TAAALI =

NEN

YOU'RE NOT A REAL HIPSTER



**UNTIL YOU TAKE YOUR
TYPEWRITER TO THE PARK**

**Teekutsut
bottien kanssa**

DATA

**Not seeing
anything
intelligible is
the new
normal.
-Hito Steyerl**



Picture from the Snowden files



Left: A man is holding a dog in his hand
Right: A woman is holding a dog in her hand
Image: @SouperSarah

Janelle Shane: Do neural nets dream of electric sheep

KOODI

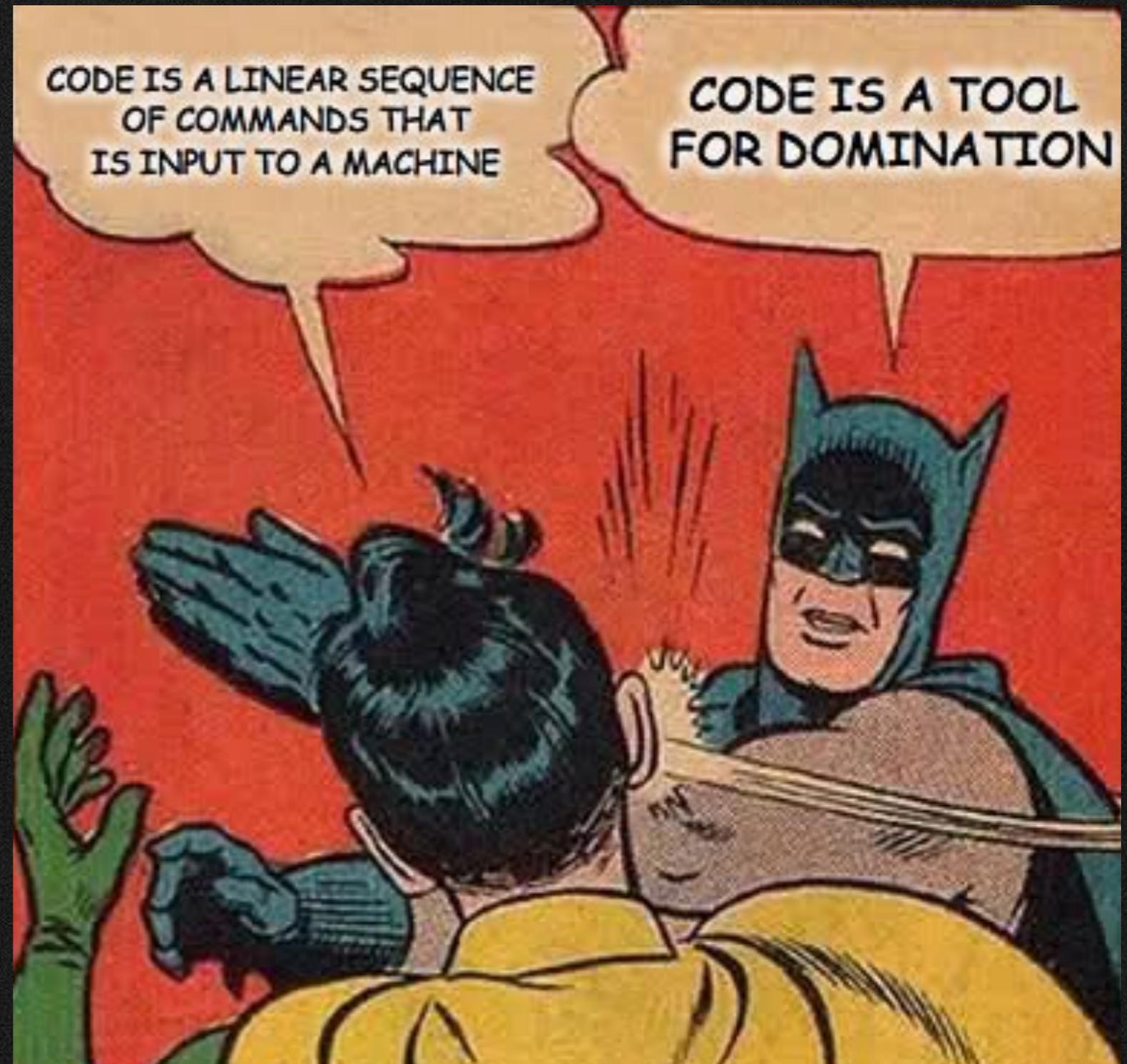


**KOODI EI HEIJASTA
OBJEKTIIVISTA TOTUUTTA
VAAN
LUO RAKENTEELLAAN
DIGITAALISEN MAAILMAN
ARKKITEHTUURIA.**

“Code is Law”

-Lawrence Lessig

Onko kyseessä puolueeton ykkösten ja nollien siirto, vai valtataistelu valkoihoisten miesohjelmoijien ja niiden välillä jotka luulevat olevansa käyttäjiä, vaikka ovatkin itseasiassa tuote jota myydään.



FUNKTIONAALINEN

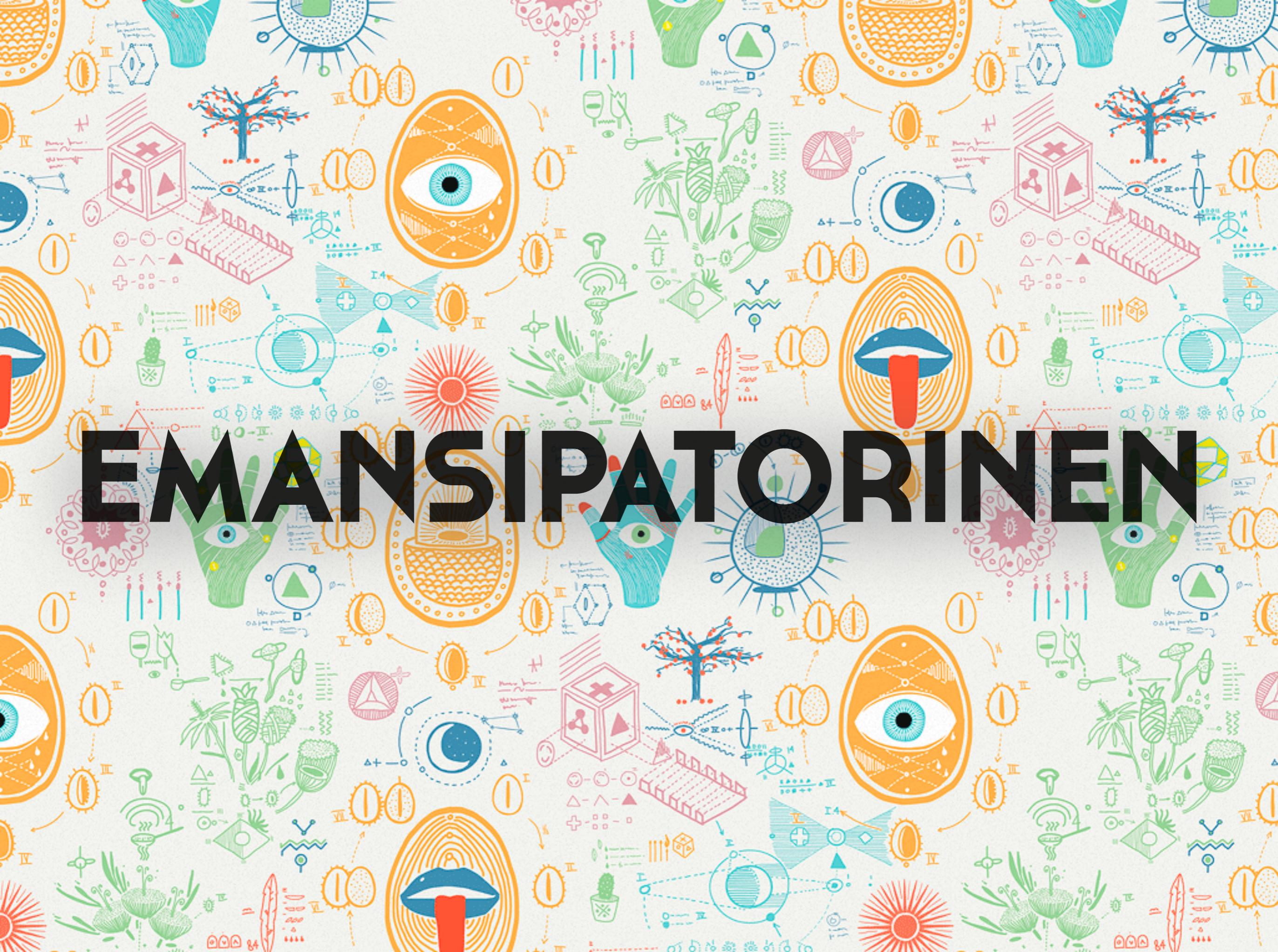
**COMPLEXITY IS A SOLVABLE
PROBLEM IN THE RIGHT HANDS
-JEFF JARVIS**



TULKITSEVA

**WE REJECT: KINGS, PRESIDENTS,
AND VOTING. WE BELIEVE IN:
ROUGH CONSENSUS AND
RUNNING CODE.**

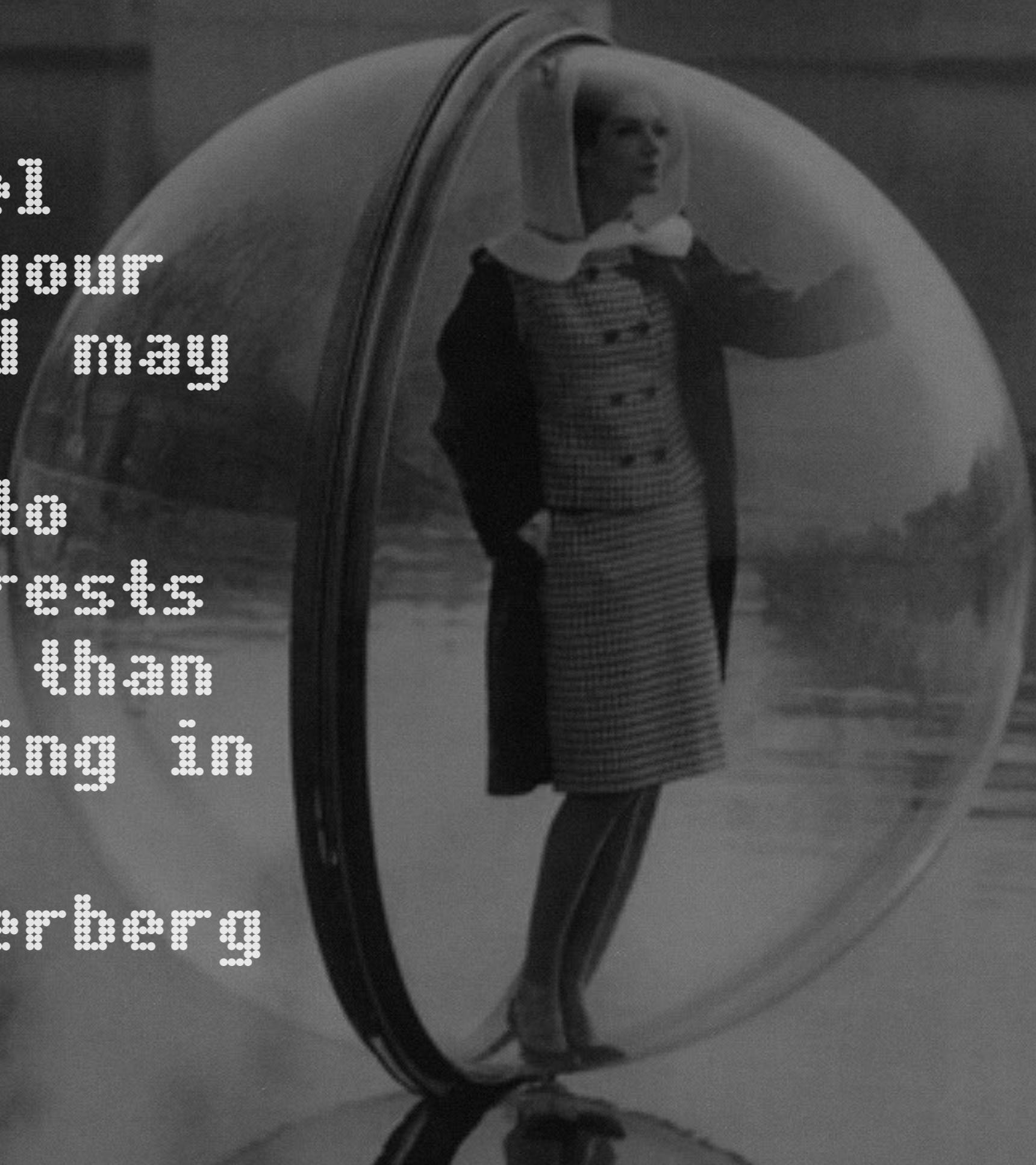
- DAVE CLARK



EMANSIPATORINEN

” A squirrel
dying in your
front yard may
be more
relevant to
your interests
right now than
people dying in
Africa.”

— M. Zuckerberg





POSTMODERNI

LEAD DEVELOPER AND CO-INITIATOR

DANIEL C. HOWE



LEAD DESIGNER

MUSHON ZER-AVIV



**CONTACT
US**

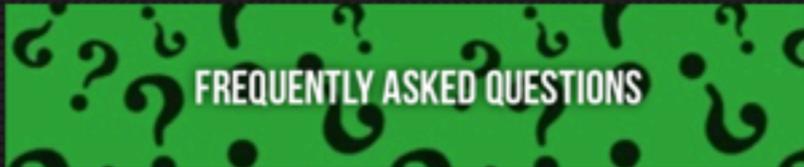


CO-INITIATOR

HELEN NISSENBAUM



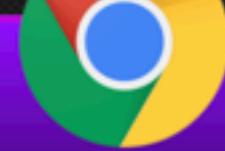
FREQUENTLY ASKED QUESTIONS



**CLICKING ADS
SO YOU DON'T HAVE TO.**

As online advertising becomes ever more ubiquitous and unsanctioned, AdNauseam works to complete the cycle by automating Ad clicks universally and blindly on behalf of its users. Built atop uBlock Origin, AdNauseam quietly clicks on every blocked ad, registering a visit on ad networks' databases. As the collected data gathered shows an omnivorous click-stream, user tracking, targeting and surveillance become futile.

Install AdNauseam 3.0



also available for:



Press Release

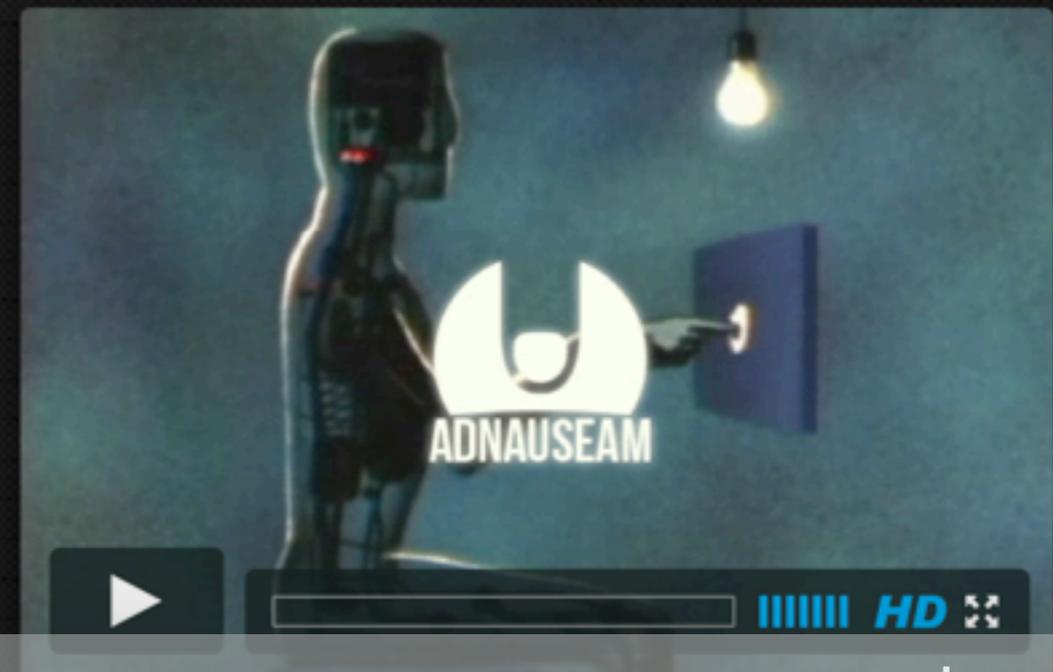
**AdNauseam 3.0:
fighting back against
online surveillance**

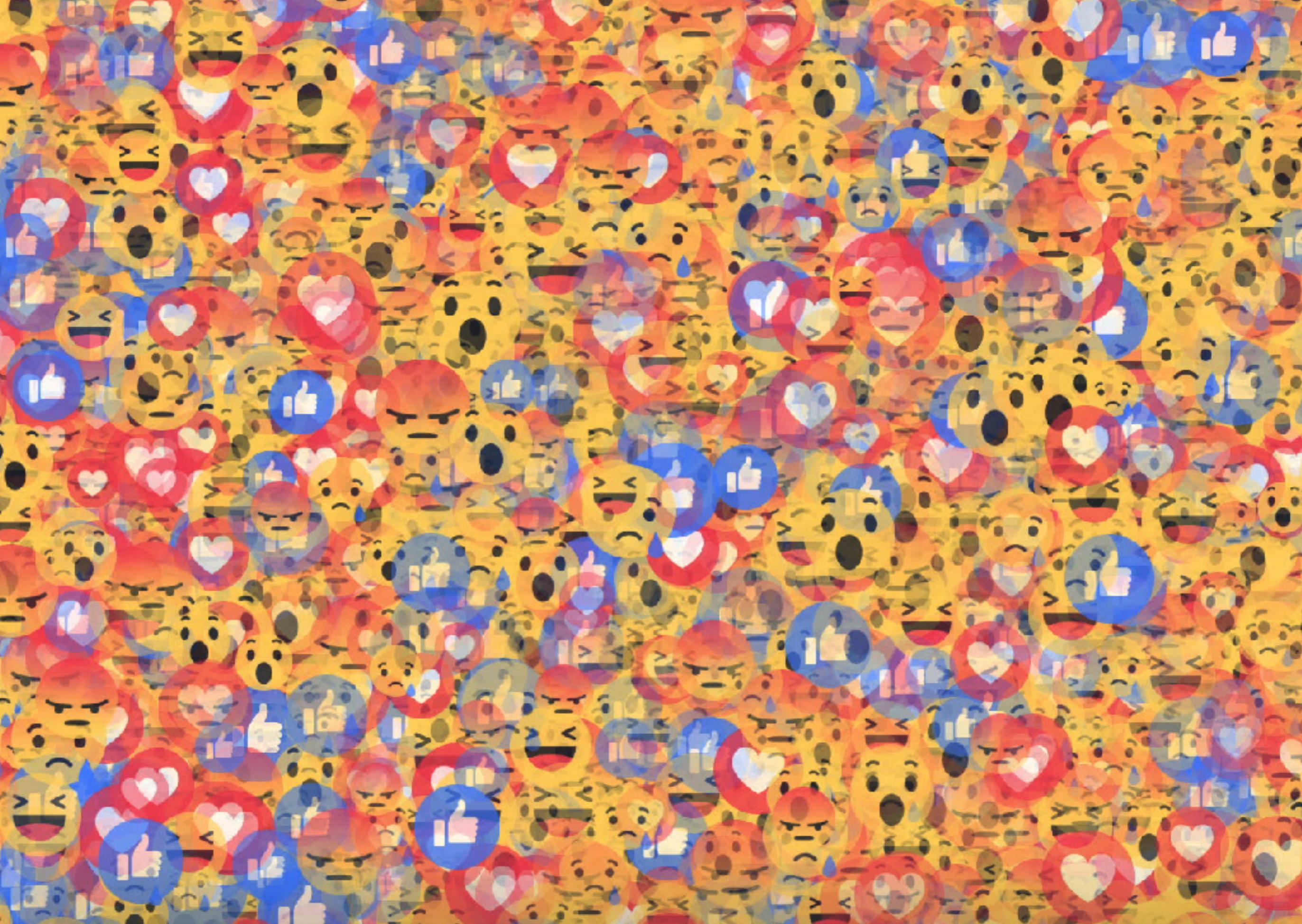
The 1.5k Star uBlock Origin extension AdNauseam 3.0 is a free browser extension designed to obfuscate browsing data and protect users from tracking by advertising networks. At the same time, AdNauseam serves as a means of amplifying users' discontent with advertising networks that disregard privacy and facilitate bulk surveillance agendas.



**TWEET ABOUT
#ADNAUSEAM**

AdNauseam is a free browser extension designed to obfuscate browsing data and protect users from tracking by advertising networks. At the same time, AdNauseam serves as a means of amplifying users' discontent with advertising networks that disregard privacy and facilitate bulk surveillance agendas.





LOW←TECH MAGAZINE

This is a solar-powered website, which means it sometimes goes offline ☀

About | [Low-tech Solutions](#) | [High-tech Problems](#) | [Obsolete Technology](#) | [Archive](#) | [Donate](#) | 

[Low-tech Solutions](#)

How to Build a Low-tech Website?

Our new blog is designed to radically reduce the energy use associated with accessing our content.





NSA-Tapped Undersea Cables, North Pacific Ocean, 2016,
Trevor Paglen

#!/usr/bin/perl

APPEAL:

listen (please, please);

open yourself, wide;

*join (you, me),
connect (us, together),*

tell me.

do something if distressed;

@dawn, dance;

@evening, sing;

*read (books, \$poems, stories) until peaceful;
 study if able;*

write me if-you-please;

*sort your feelings, reset goals, seek (friends, family,
anyone);*

*do*not*die (like this)*

if sin abounds;

keys (hidden), open (locks, doors), tell secrets;

do not, I-beg-you, close them, yet.

accept (yourself, changes),

bind (grief, despair);

require truth, goodness if-you-will, each moment;

select (always), length(of-days)

listen (a perl poem)

Sharon Hopkins

rev. June 19, 1995

LUOVA OHJELMOINTI



THEY SAID I CAN'T CODE

**I SAID EXPRESSION IS MORE
IMPORTANT THAN FUNCTION**

VAPPAUS



*” Art gives freedom to explore:
There is no wrong kind of code
Or if there is it can be interesting”
-Teacher, Käsitöykoulu Robotti*

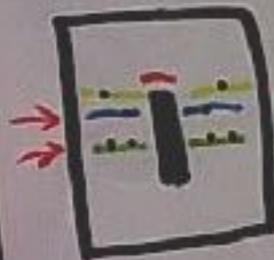


TYÖÖKALU



JAMES BRIDLE: AUTONOMOUS TRAP 001

KÄYTTÖOHJE



SINISEN

Vihreä ONOSKILL
AATTOR INULOSTULO

JAVIHEREAN
VÄLILIKKYTK



”... also inspecting electricity
through sound, instead of metering
can be seen as art educational activity”

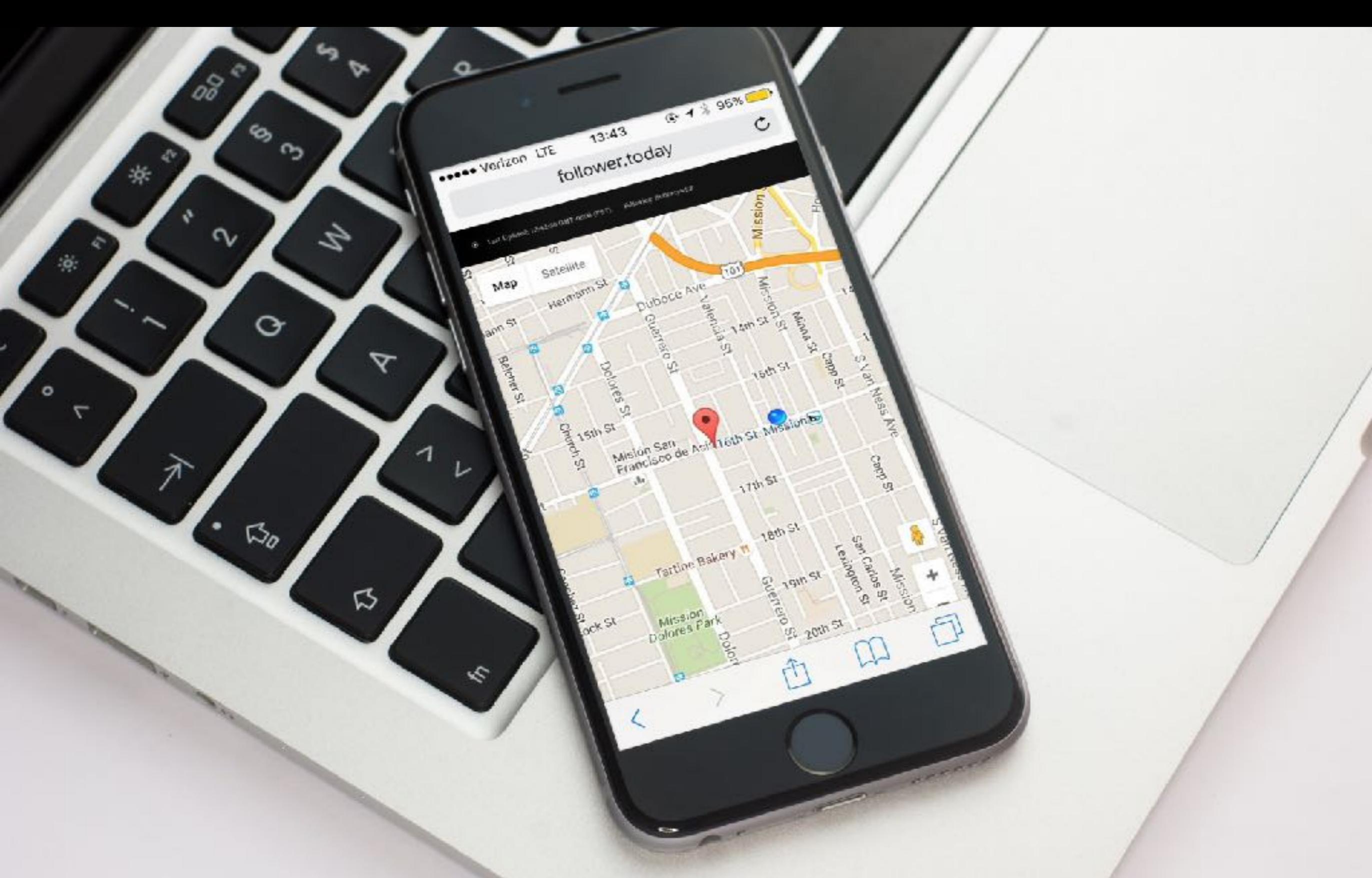
-Teacher, Käsiyökoulu Robotti



Njee
sinisen
ja vihreän
välille
kytketään
Robotti



**MATERIAALI,
ILMAISUMUOTO**



Lauren McCarthy: Follower

Follower

Lauren McCarthy: Follower

K I I I T O S !

Tomi Dufva
Aalto-University, School of Arts, Design & Architecture
tomi.dufva@aalto.fi
 tomidufva

A'' Aalto University
School of Arts, Design
and Architecture