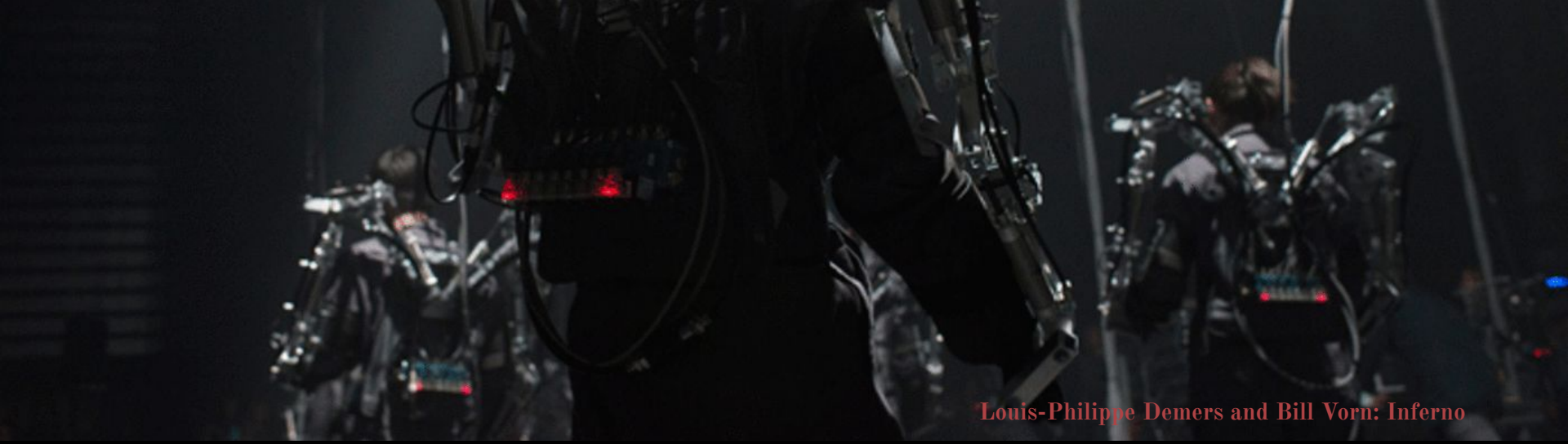


Louis-Philippe Demers and Bill Vorn: Inferno

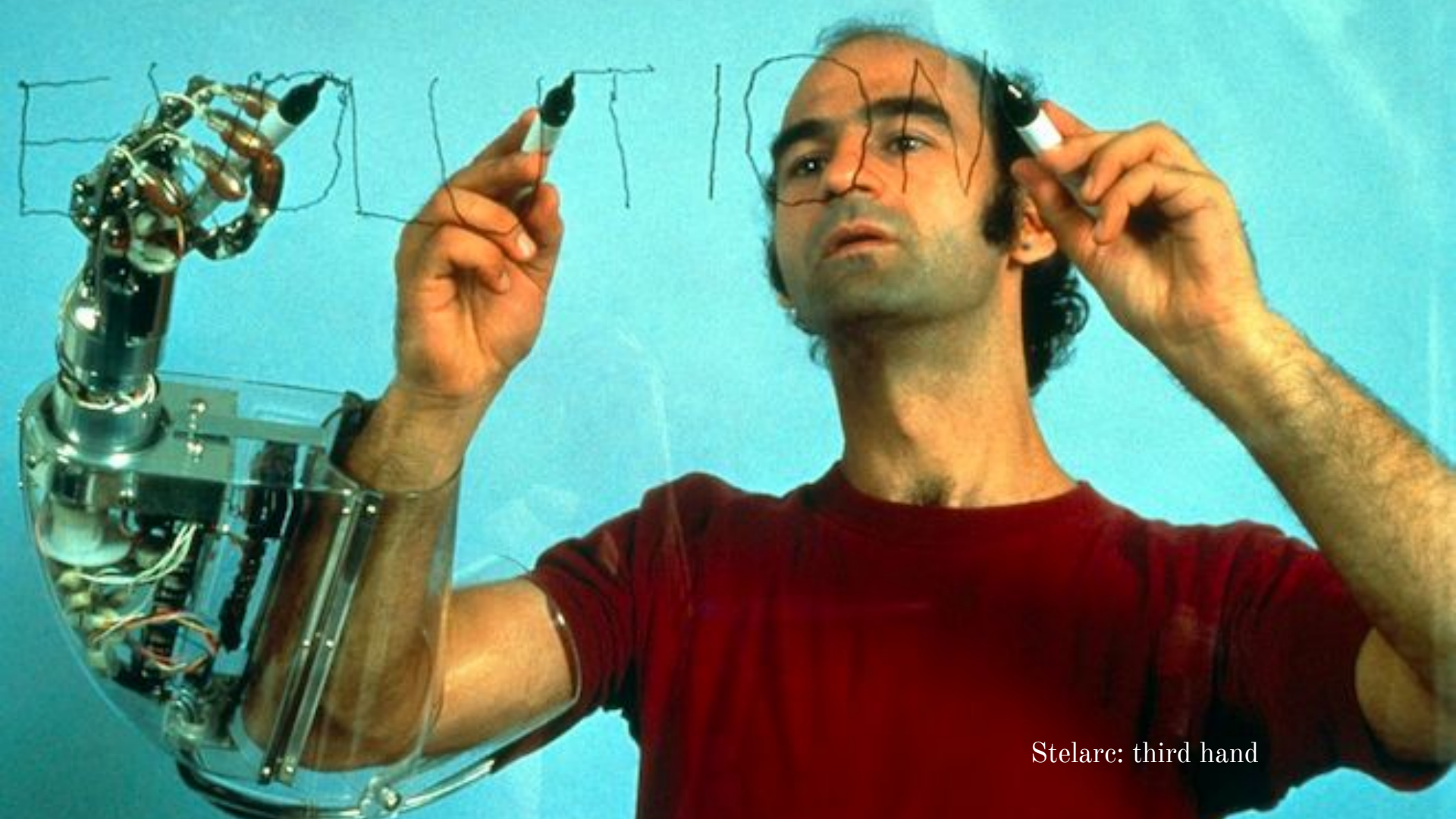
Utopias and Dystopias

—

Art and Artificial Intelligence

Kasperi Mäki-Reinikka
8.5.2019

More than human

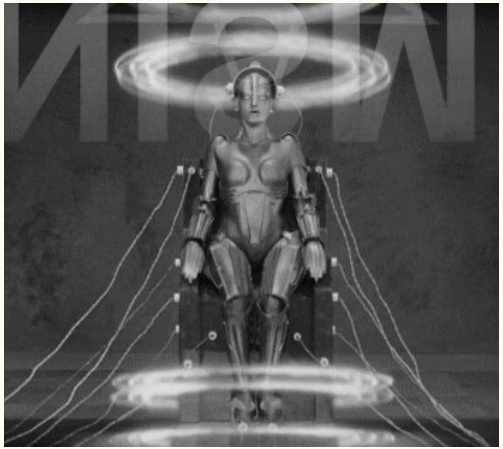


Stelarc: third hand

Stelarc: ear in arm

Stelarc: RE-WIRED

TRANSHUMANISM



- Neo-Darwinian worldview (humans should take evolution into their own hands)
- Radical increase of bodily functions (e.g. healthspan, longevity)
- Cognitive and emotional capacities (e.g. intellect, memory)
- Physical traits (strength, beauty)
- Common good and individual happiness
- Techno-optimism

Human augmentation, tech-religion, morphological freedom

The Reincarnation of Saint Orlan 1990-1993

Neil Harbisson
https://www.ted.com/talks/neil_harbisson_i_listen_to_color

Exercise

Pick one sense and imagine a way to augment / alter it with technology

Singularity

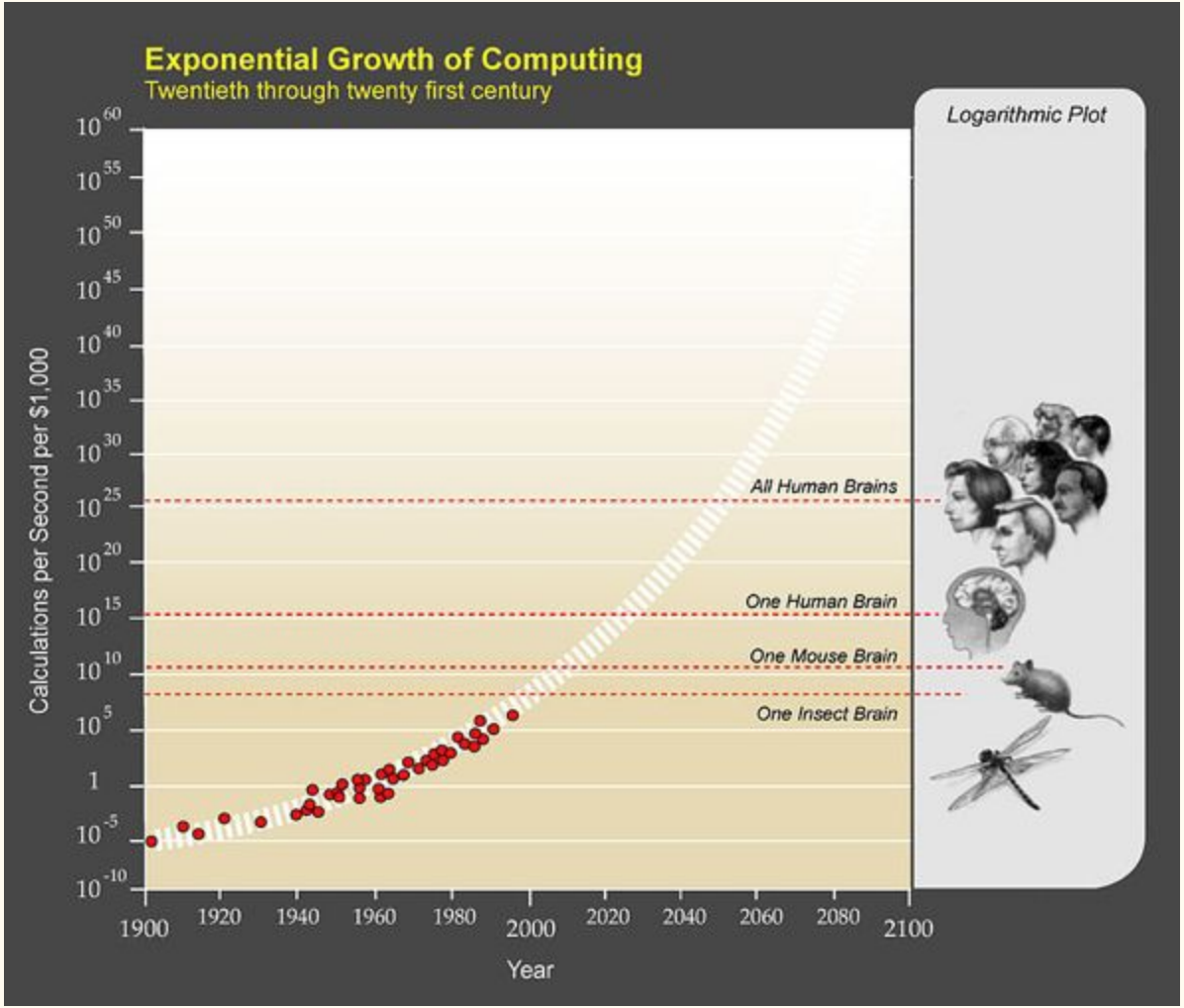
INTELLIGENCE EXPLOSION

Let an ultraintelligent machine be defined as a machine that can far surpass all the intellectual activities of any man however clever.

Since the design of machines is one of these intellectual activities, an ultraintelligent machine could design even better machines; there would then unquestionably be an ‘intelligence explosion,’ and the intelligence of man would be left far behind.

Thus the first ultraintelligent machine is the last invention that man need ever make, provided that the machine is docile enough to tell us how to keep it under control.

I.J. Good (1965)


Exponential Growth of Computing
Twentieth through twenty first century
Logarithmic Plot
Calculations per Second per $1,000
10^{60}
10^{55}
10^{50}
10^{45}
10^{40}
10^{35}
10^{30}
10^{25}
10^{20}
10^{15}
10^{10}
10^{5}
1
10^{-5}
10^{-10}
All Human Brains
One Human Brain
One Mouse Brain
One Insect Brain
1900
1920
1940
1960
1980
2000
2020
2040
2060
2080
2100
Year

Exercise

Claim:
“In 20-years time we can connect our brains to internet. Then the question is: is it a good idea?” - Gerd Leonhard

Can we and should we? Argue both for and against the claim.

Humanist and transhumanist discussions assume our technological successor will be ‘Human 2.0’

They project a human face on an empty screen

- David Roden (Speculative posthumanism)

Stelarc: Walking Head (2006)

We cannot anticipate how posthumans will see the world

Homework

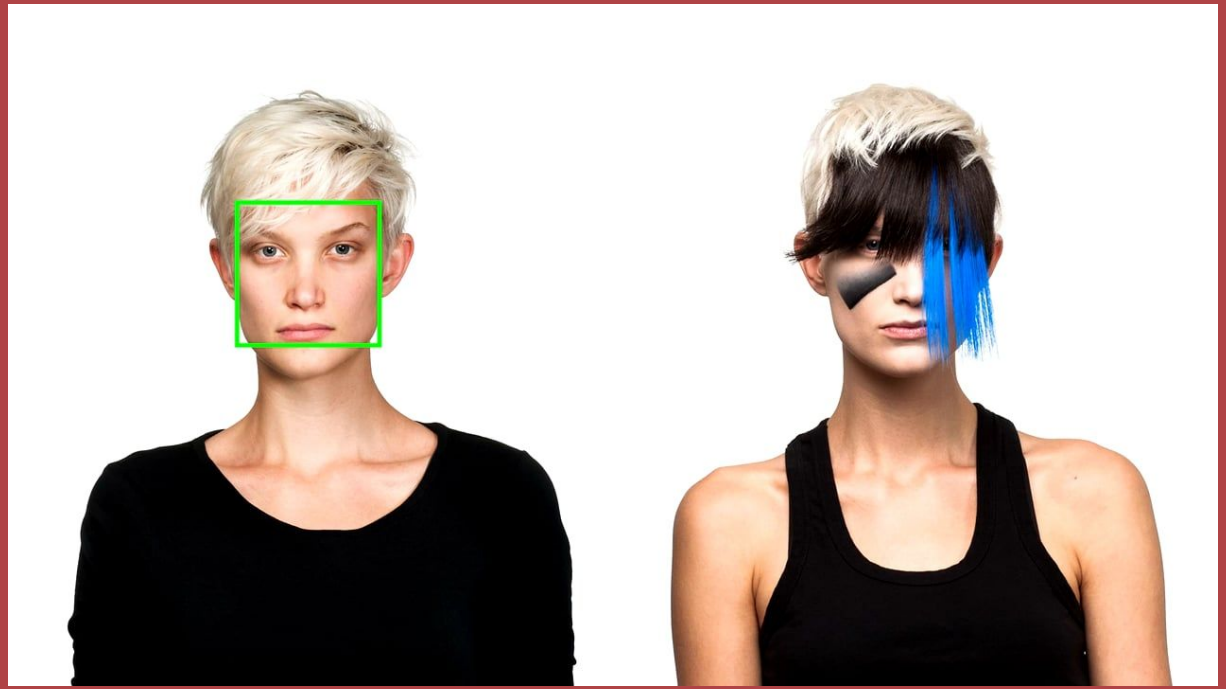
Try to imagine a posthuman being, make an image or description of it with the media of your choosing

OR

Make a suggestion for an artwork commenting on transhuman ideas and/or Singularity

Troubling technology

Timo Wright & Matti Niinimäki: Race Code (2012)



CVDazzle

Stephanie Dinkins: Conversations with Bina48, 2014-

Center for Everything: Foundation of the AI party (2018)