



BLURRED REALITY





KHORA
VIRTUAL REALITY

+140 PRODUCTIONS
+ 700 EVENTS & WORKSHOPS

**BØRNS
VILKÅR**

SAMMEN STOPPER VI SVIGT



**GEOCENTER
MØNS KLINT**

Ørsted



Danmarks
Naturfredningsforening



CoolKids

Børne- og ungdomspsykologisk klinik



Rigshospitalet

TUBORG



KEFITT

WORLD LEADERS IN STERILE SAMPLING™



forsikring
& pension



**VISIT
COPENHAGEN**

REGION
SJÆLLAND

- vi er til for dig



#OFFDIG 2018

Virtual Reality – forstå teknologiens potentiale i den offentlige sektor

**Simon Lajboschitz, CEO, Khora*

**Torben Koue, daglig leder, Socialpædagogisk Center, Socialområdet,
Rudersdal Kommune*

OFFENTLIGE SEKTOR

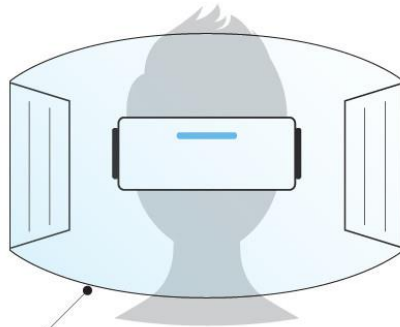
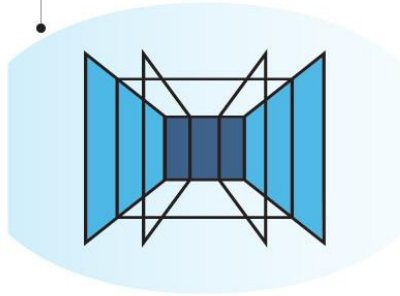


Psykiatri



VIRTUAL REALITY (VR)

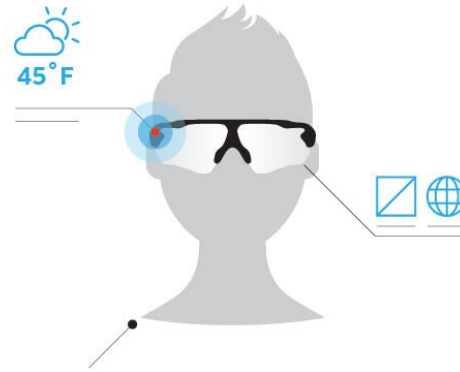
Completely digital environment



Fully enclosed, synthetic experience with no sense of the real world.

AUGMENTED REALITY (AR)

Real world with digital information overlay



Real world remains central to the experience, enhanced by virtual details.



WHERE DO YOU WANT TO GO?

JOY

FEAR

CONNECTIVITY

EMPATHY

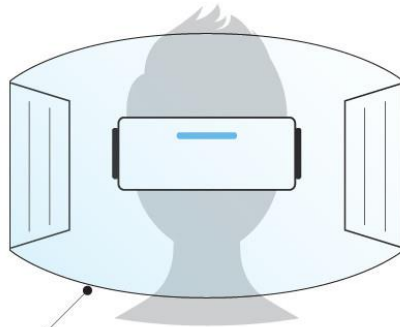
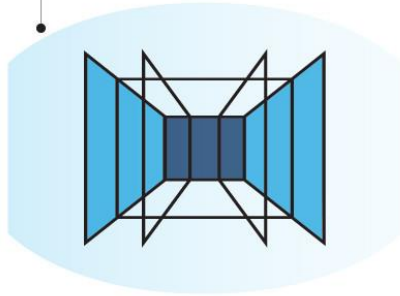
UNDERSTANDING

RELAX



VIRTUAL REALITY (VR)

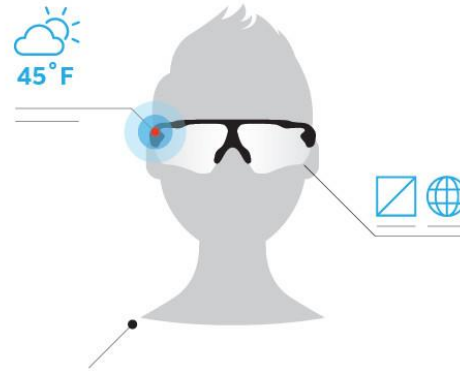
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AUGMENTED REALITY (AR)

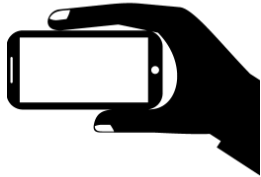
Real world with digital information overlay



Real world remains central to the experience, enhanced by virtual details.

AR HARDWARE OVERVIEW

MOBILE-BASED



SMARTPHONE
or
TABLET

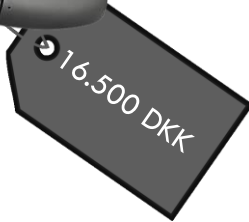
HEADSET-BASED



MICROSOFT
HOLOLENS



MAGIC
LEAP



DAQRI



IKEA PLACE





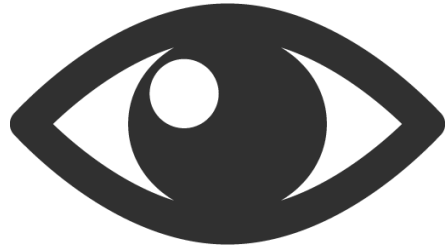
WHITE



FACEBASED AR



THE BLURRED REALITY



Real Reality (RR)



Augmented Reality (AR)



Virtual Reality (VR)

AR & VR WORKING TOGETHER

A close-up photograph of a woman with dark hair tied back, wearing a black VR headset. She is looking slightly to the right with a neutral expression. The background is a blurred, dark indoor setting.



holoportation

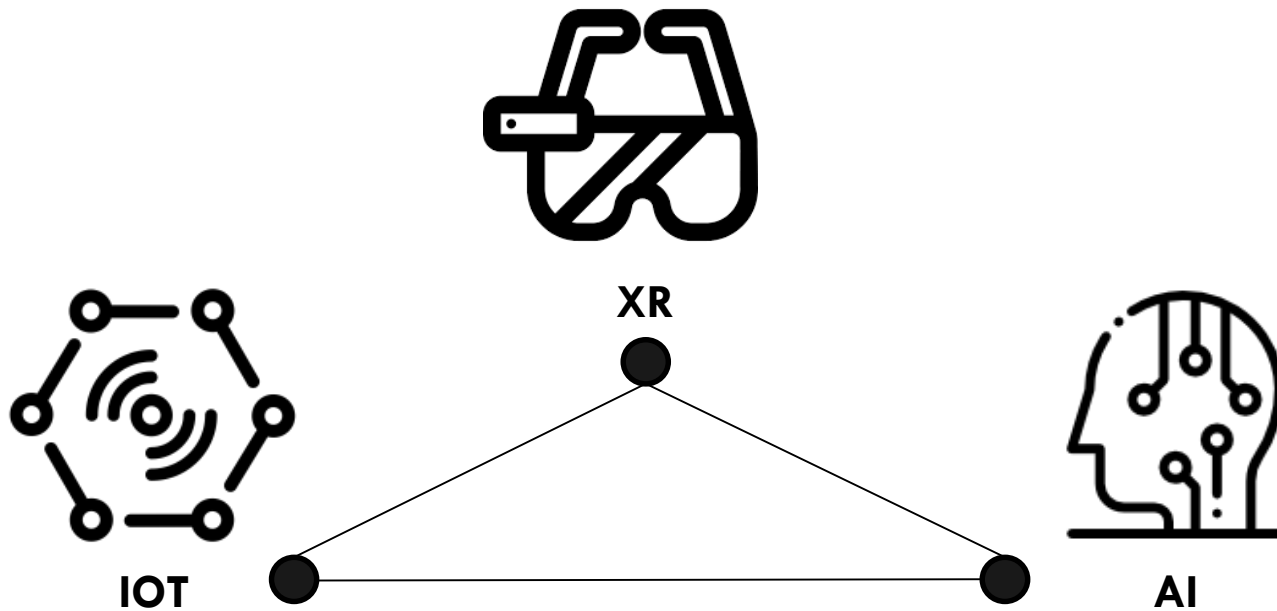
<http://research.microsoft.com/holoportation>

Interactive 3D Technologies

<http://research.microsoft.com/groups/i3d>

Microsoft Research

THE SUPER-HUMAN OF TOMORROW



THE SUPER-HUMAN OF TOMORROW

BLOCKCHAIN
SYNTHETIC
BIOLOGY
ROBOTS and
AUTOMATION
CLOUD AI

Eyetracking & FOV
rendering, Volumetric
video, handtracking,
computer lenses,
computer power,



See that understanding

Sense the world

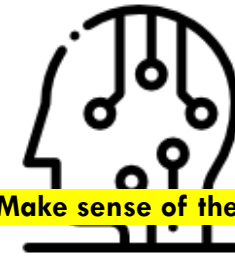


IOT

Sensors, Cameras,
Biosensors

Depth algorithms,
scanning technology,

XR
VR, AR



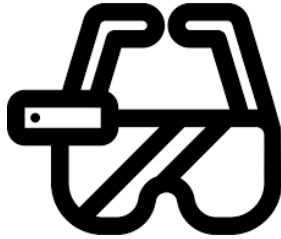
Make sense of the input

AI Personal Assistant

A mix of Alexa, Google,
Wikipedia, your mom,
your long term self and
your calendar

Voice understanding,
Computervision,
Behavioral prediction,
facial recognition, Human
context

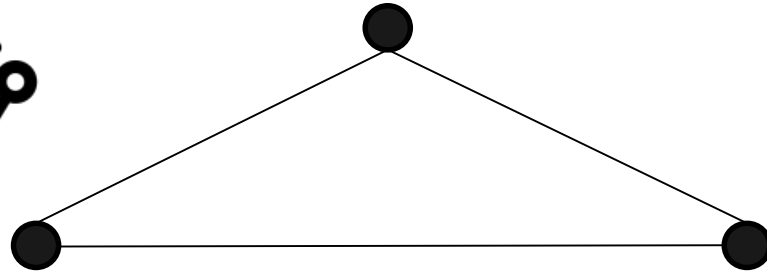
THE SUPER-HUMAN OF TOMORROW



**XR
VIEW MY DIGITAL
WORLD**



**IOT
SENSE THE
WORLD**

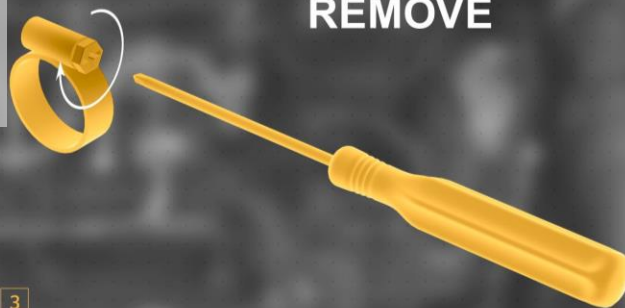


**AI ASSISTANT
CURATE MY DIGITAL
WORLD**

OVERLAY INSTRUCTIONS IN AR

C1394

UNSCREW AND REMOVE



3

C3297

C4816

C5761

C4163

THE INTERNET OF THINGS

5°C

38%

STORAGE

MEATBALLS

GOOD FOR MORE DAYS

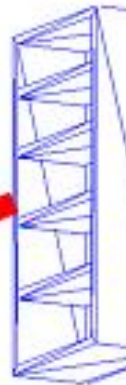
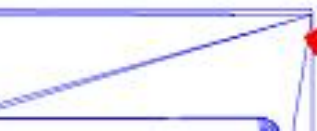
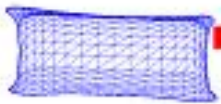


42%
FULL

0.328 Kg

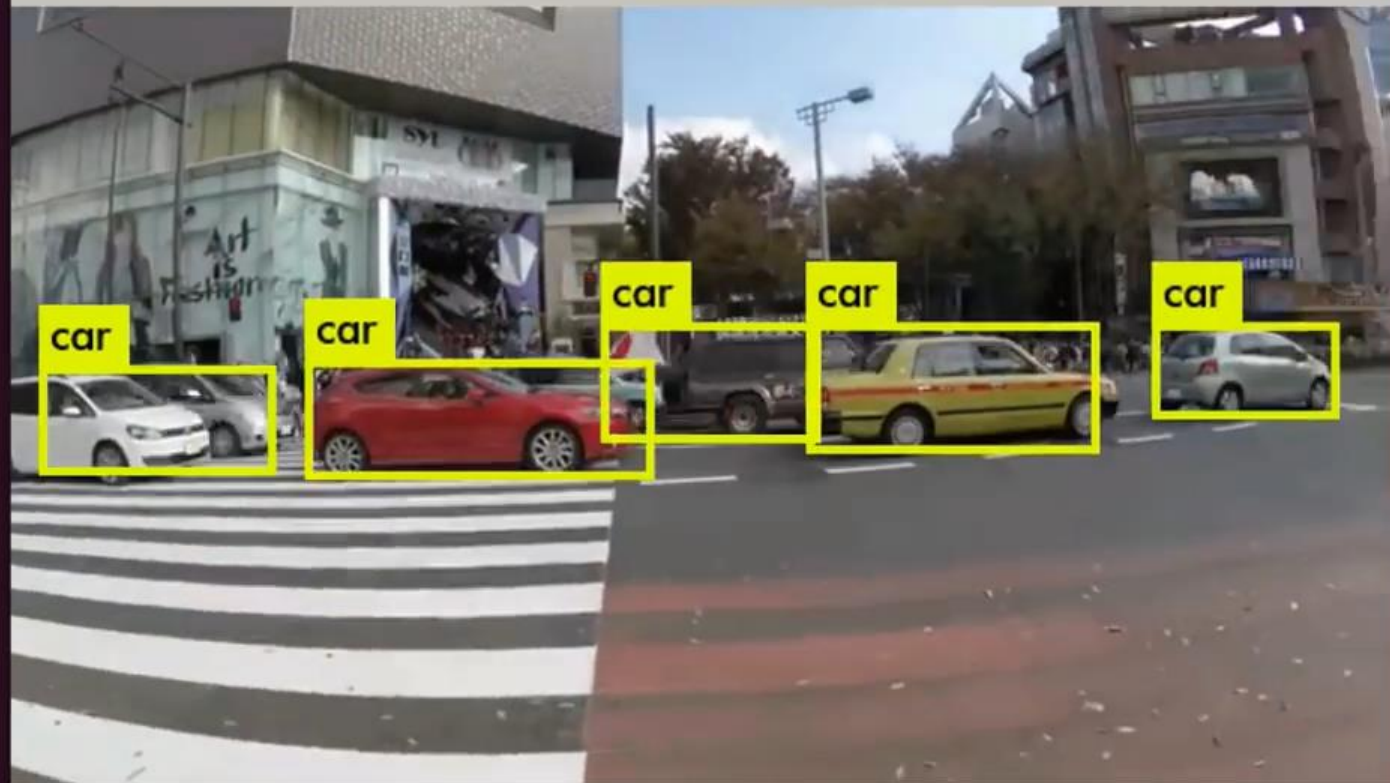
CALORIES 80
TOTAL FAT 12g
SODIUM 80 mg
FIBER 10g
CALCIUM 100mg

INTERNET OF THINGS



FPS: 3.8
Objects:

car: 61%
car: 71%
car: 43%
car: 62%
car: 59%





Active

Unpleasant

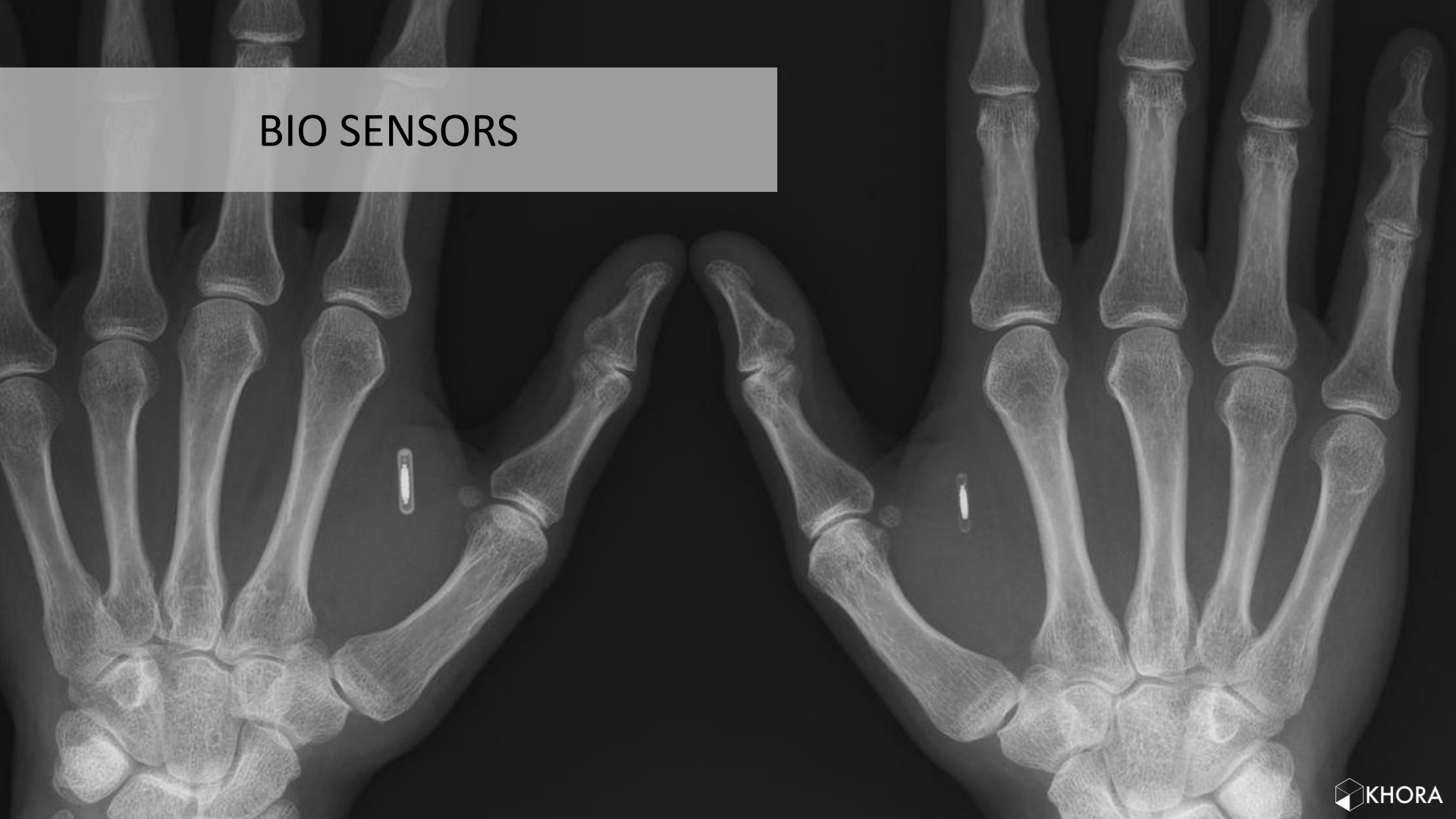
Pleasant

Inactive

0 %
20 %
40 %
60 %
80 %
100 %

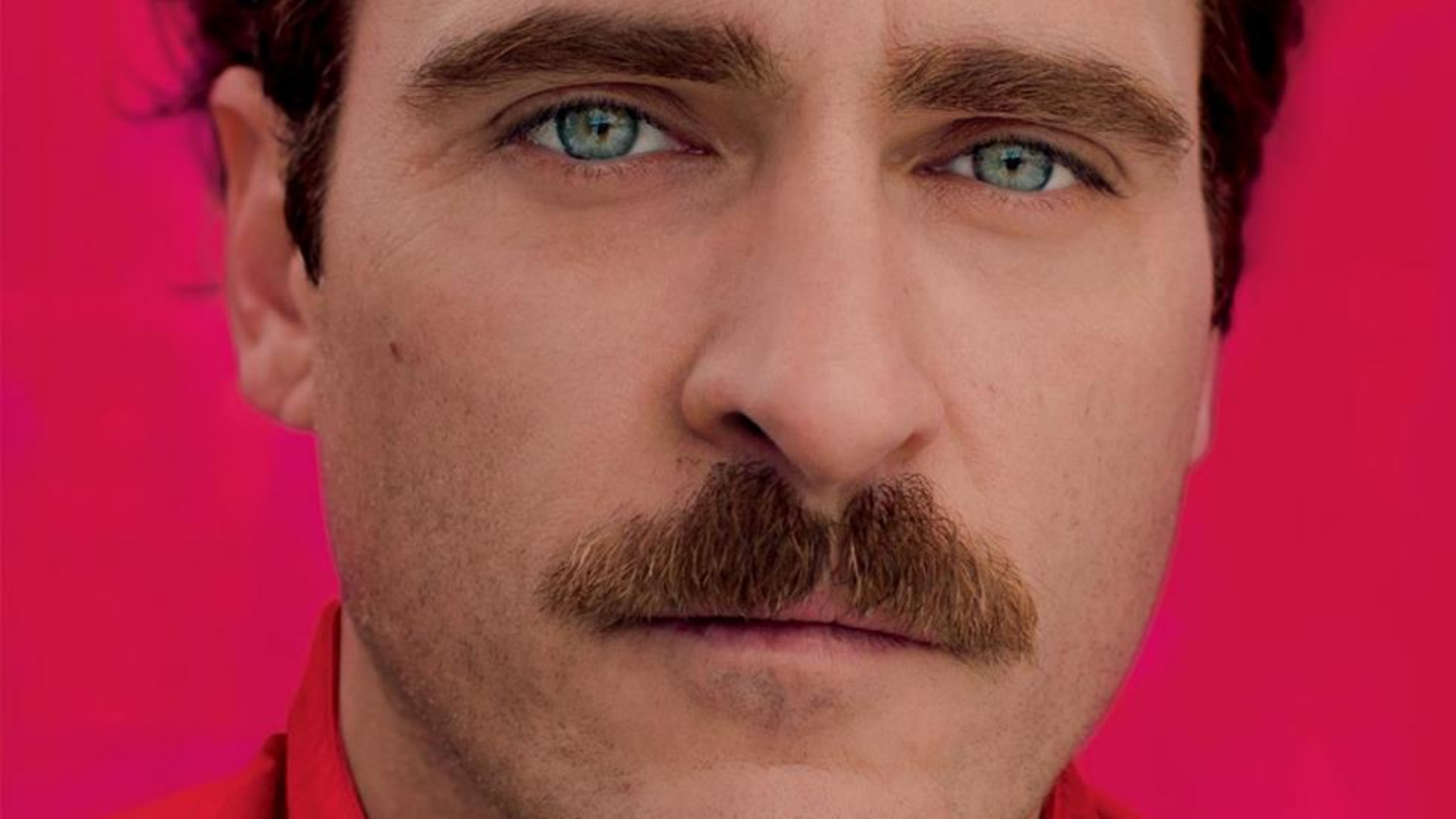
Neutral
Happy
Sad
Angry
Surprised
Scared
Disgusted
Contempt

BIO SENSORS



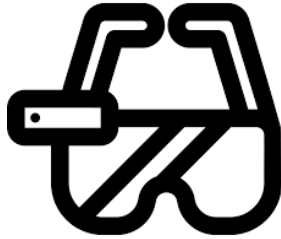








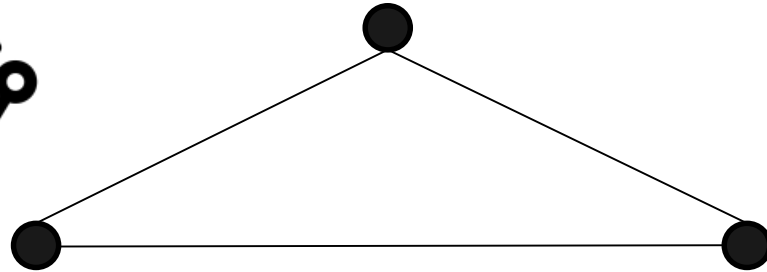
THE SUPER-HUMAN OF TOMORROW



**XR
VIEW MY DIGITAL
WORLD**



**IOT
SENSE THE
WORLD**



**AI ASSISTANT
CURATE MY DIGITAL
WORLD**

Electromagnetic radiation



Radio Spectrum

Terahertz

Infrared

Ultraviolet

X-ray

Gamma

MHz
 10^6

GHz
 10^9

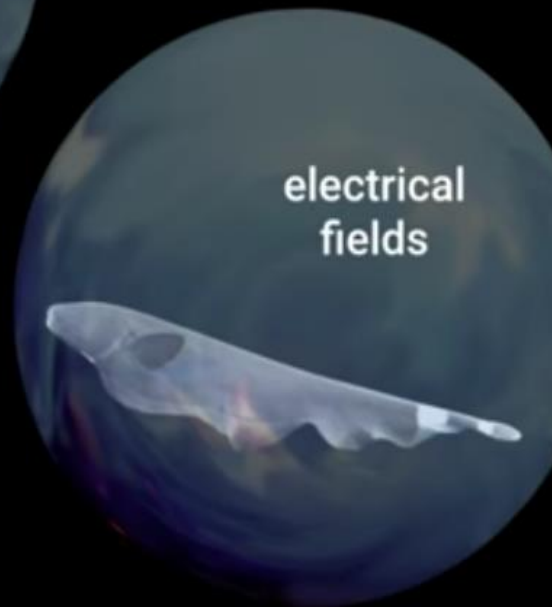
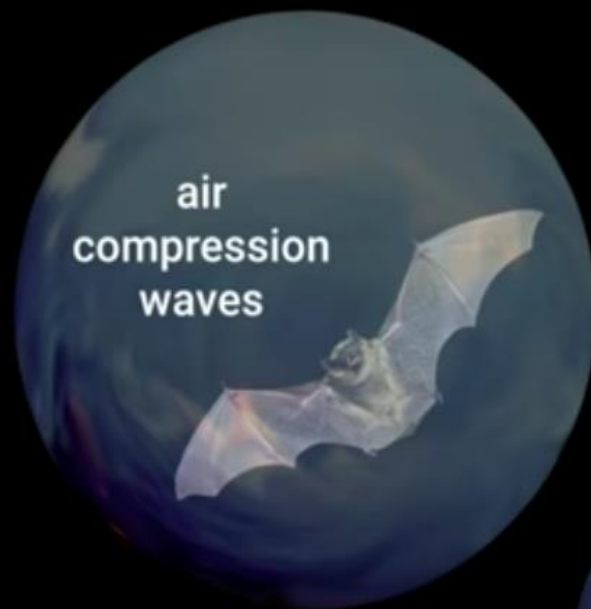
THz
 10^{12}

PHz
 10^{15}

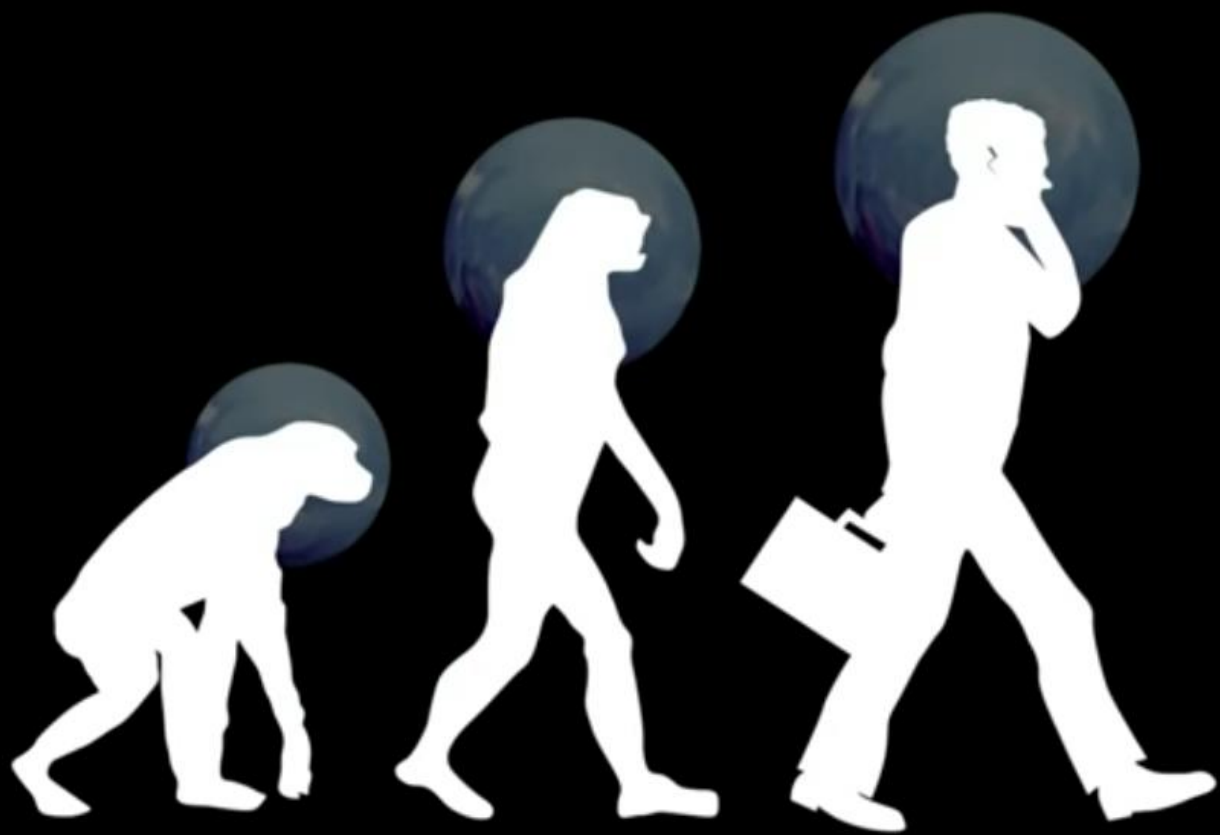
EHz
 10^{18}

ZHz
 10^{21}

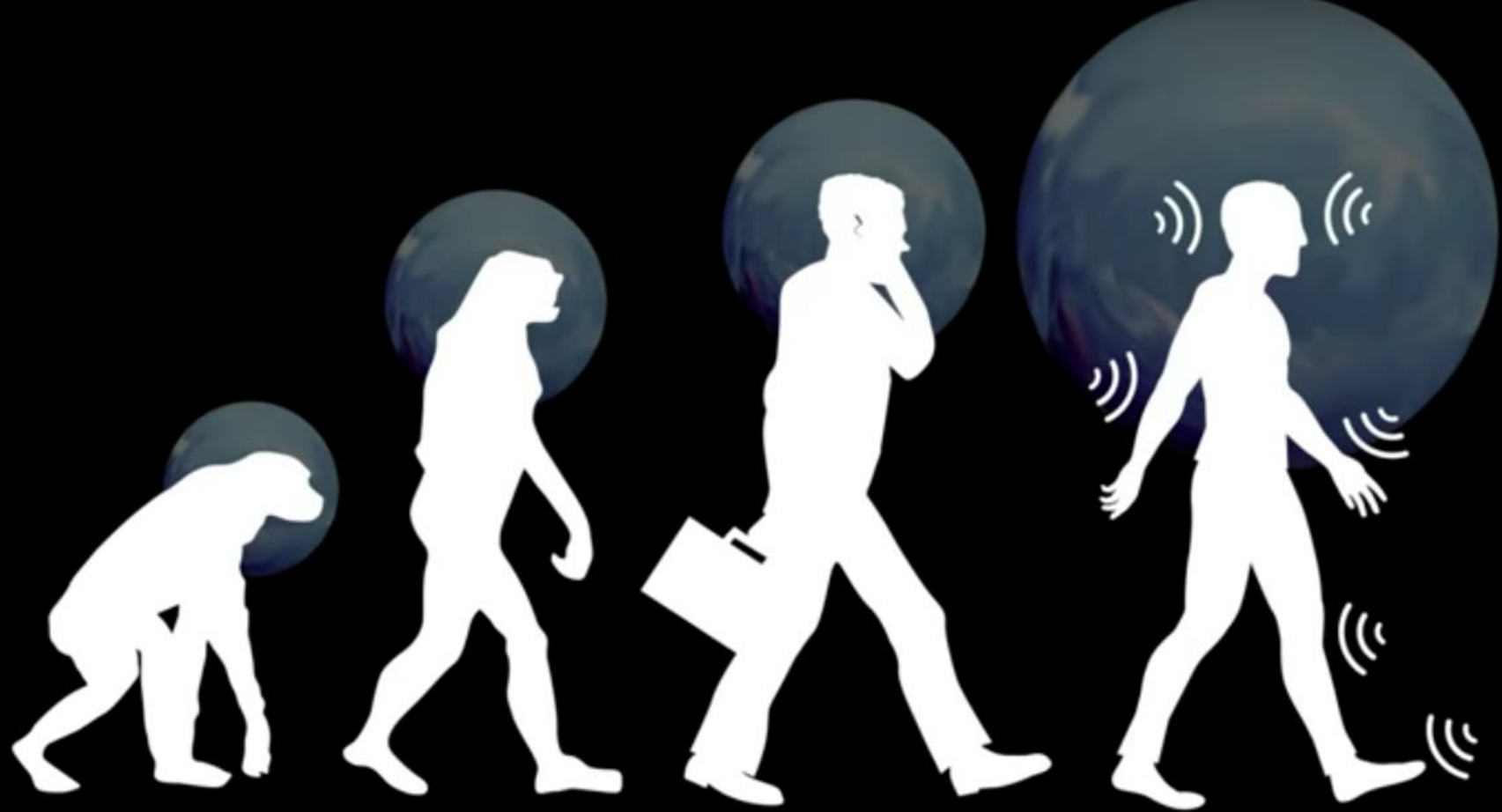
Each animal has its own
window on reality



Umwelt





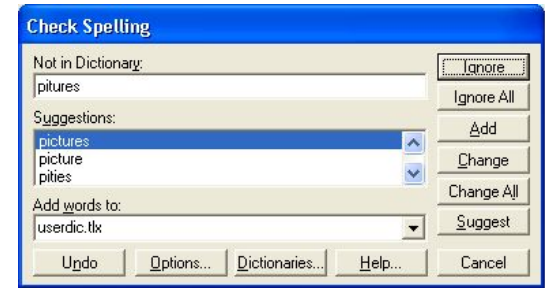




TOOLS BECOME A PART OF US



THE CEMETERY OF *DEAD SKILLS*



SKILLS THAT MIGHT DIE



SKILLS OF THE FUTURE

??????????????

??????????????

????????????????????

????????????????

??????????????

??????????????

??????????????

SKILLS OF THE FUTURE

ME

YOU

ABSTRACTION

CRITICAL THINKING

IMAGINATION

????????????

????????????

THANK YOU!

Simon Lajboschitz
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www.khora-vr.com

14-03-2019

SHIRT SYSTEMS

STAGE 1
黄瓜

SCORE:
00000



HARD

