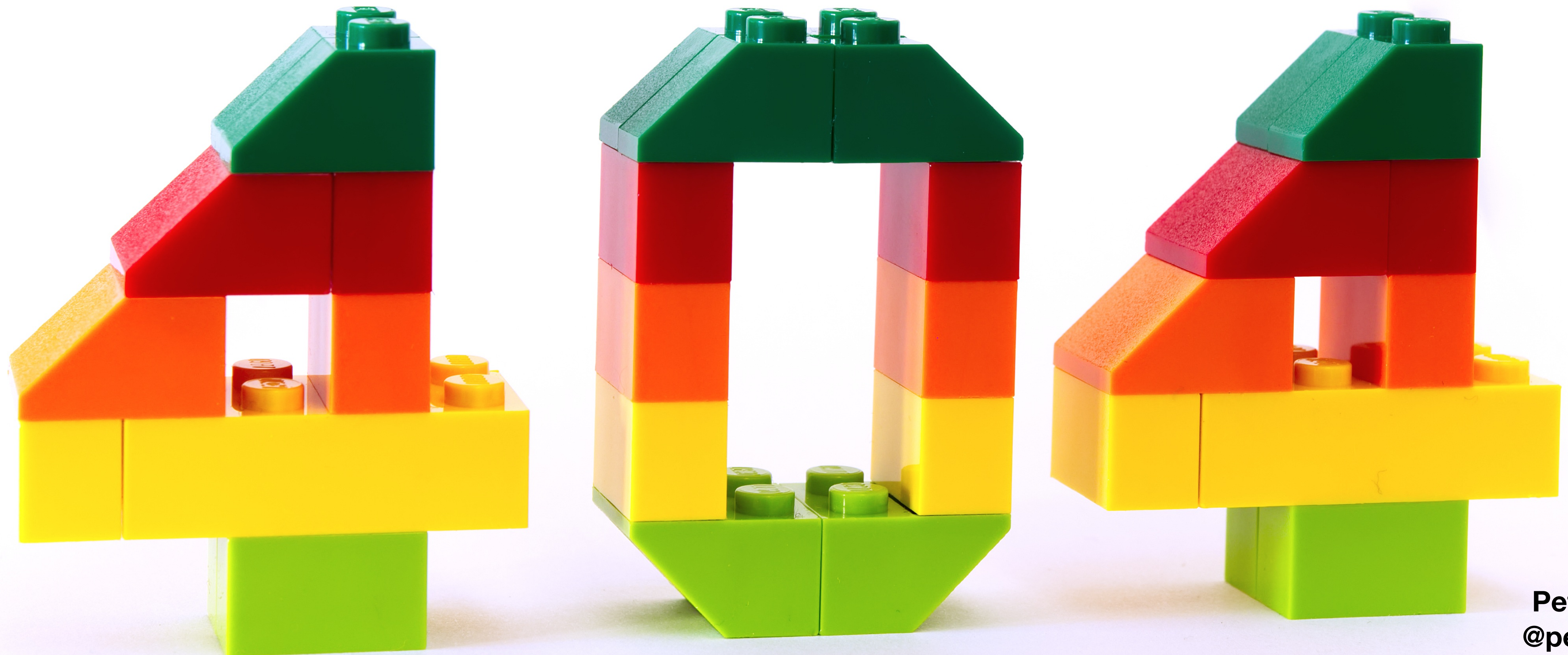


We're all gonna die...



Peter Zinn
@peterzinn
info@peterzinn.nl

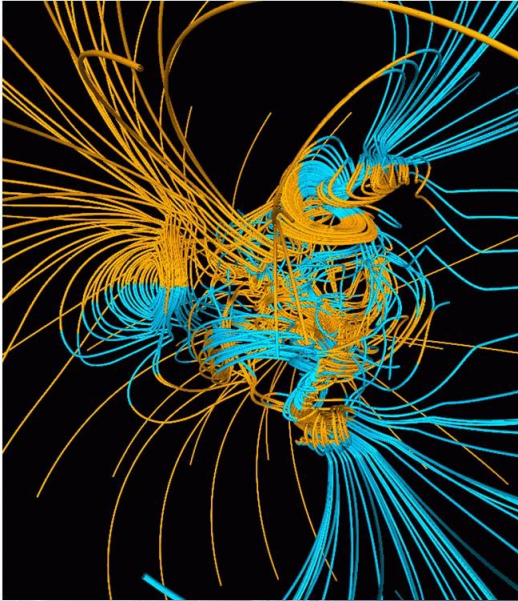
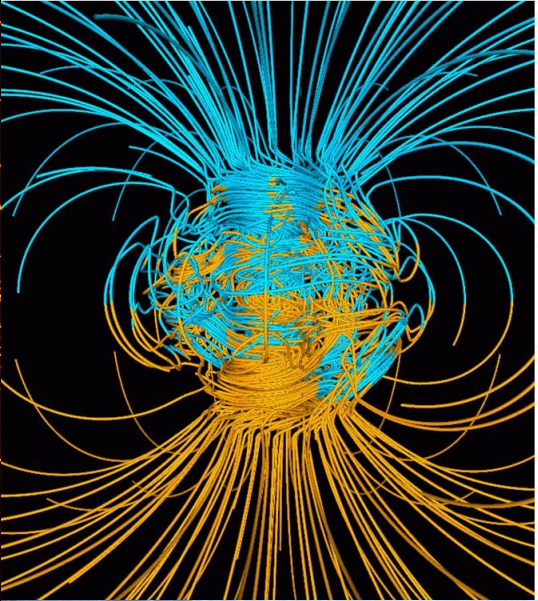
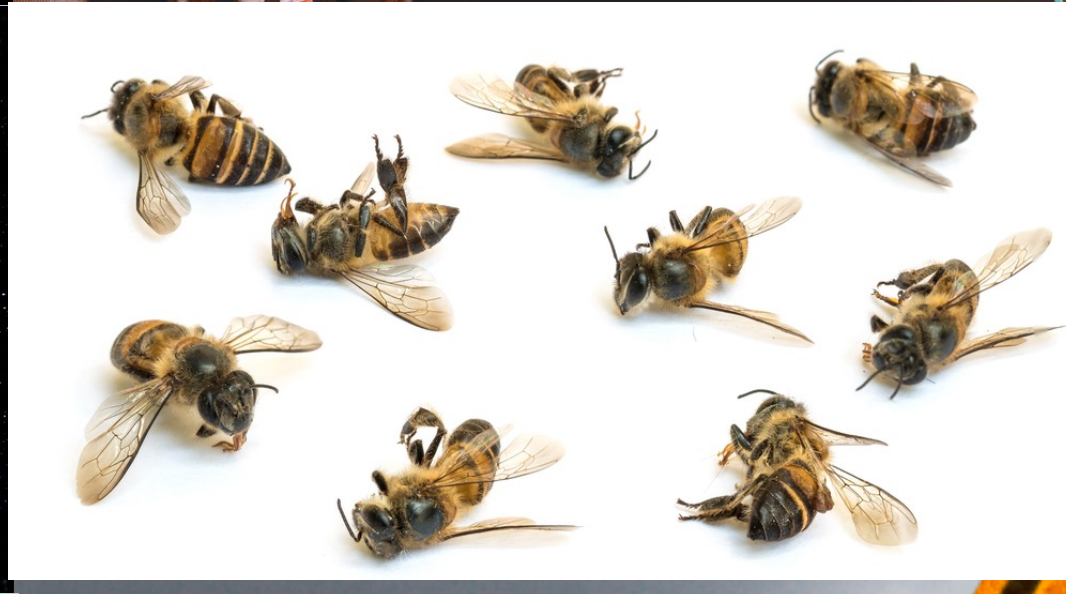
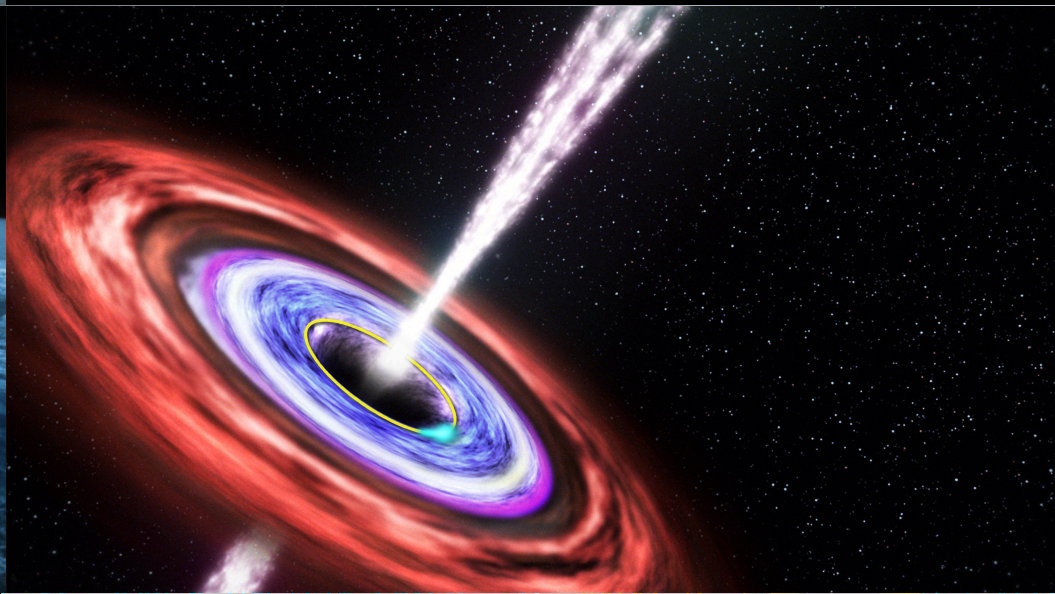
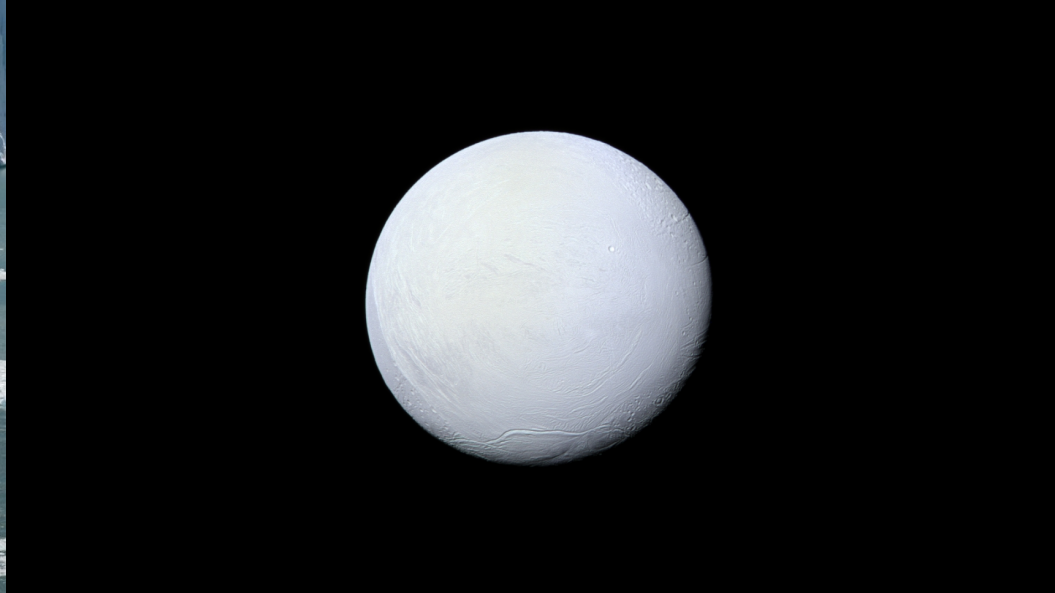


This is the HANDOUT of the keynote presentation

“We’re all gonna die”

**by Peter Zinn, given at the DeepSec conference
in Vienna, on 29.11.2018.**

**The original slides were all pictures and no text, so this handout has drastically reduced the
number of slides, while adding some text for comprehension.**



BUT...



THE 4 HORSEMEN OF THE CYBERCOLLAPSE

People
Inequality
IoT
AI



1. PEOPLE

> 70% attacks are on humans rather than software/hardware

Wetware is hard to update

Backdoors are dangerous

Cyberwar is gearing up

2. INEQUALITY

- leverage (tools, 1 attack, many victims)
- complexity: complex = bugs
- people = vulnerabilities
- Time to market = “add security later”
- Those who can act are not always the same as those who feel the pain



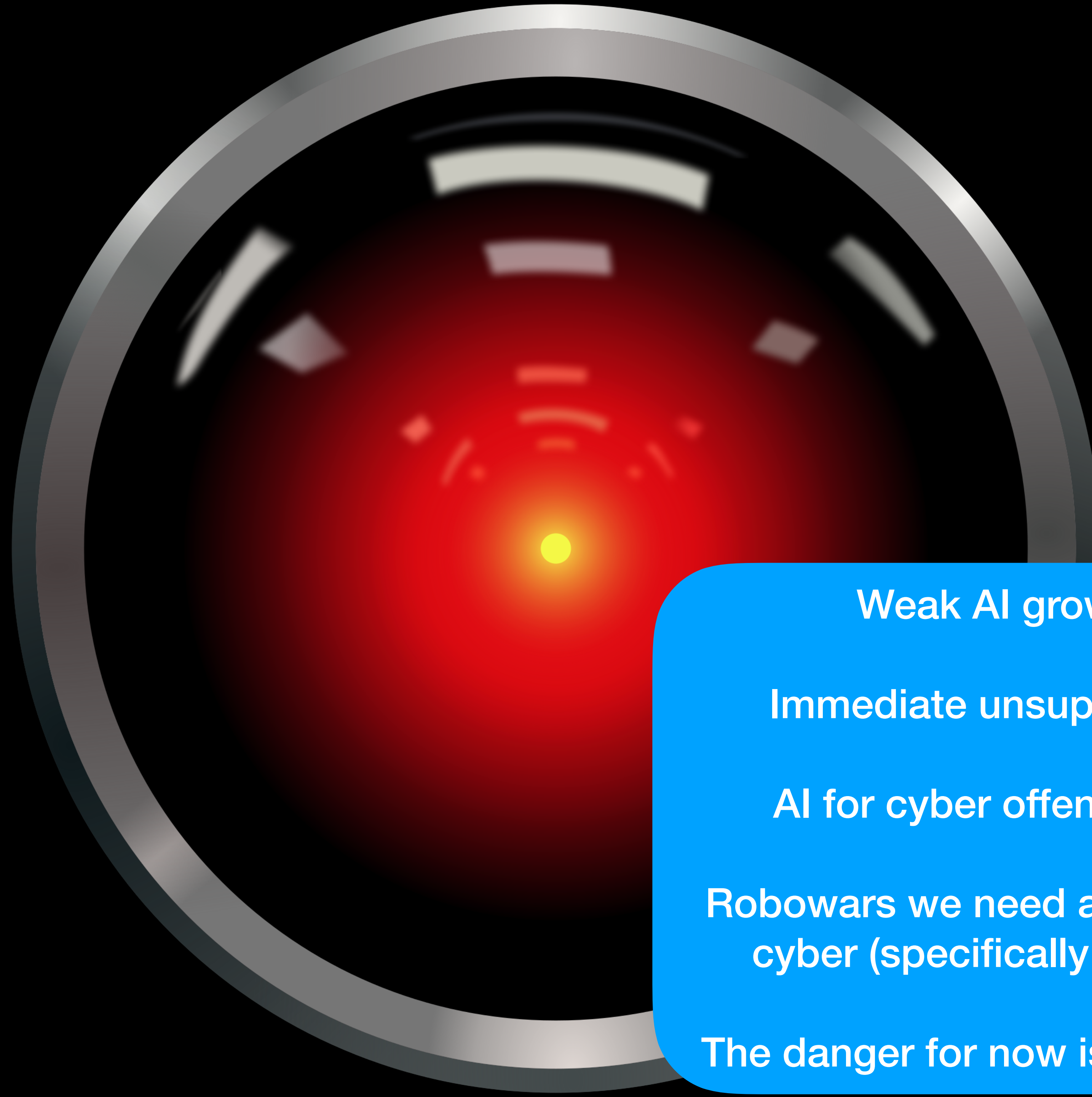
3 IoT

A marriage between two different ways of thinking, taking the worst parts of both..

Specifications hardly allow security
'Startup thinking'

SMART IS THE NEW STUPID

4. AI



Weak AI grows like crazy

Immediate unsupervisable actions

AI for cyber offence (and security)

Robowars we need a treaty on the use of
cyber (specifically AI) for war usage.

The danger for now is not in the AI, it is in



We need less and less organisation to bring adversaries (including countries) down.

Smaller groups can have bigger impact.

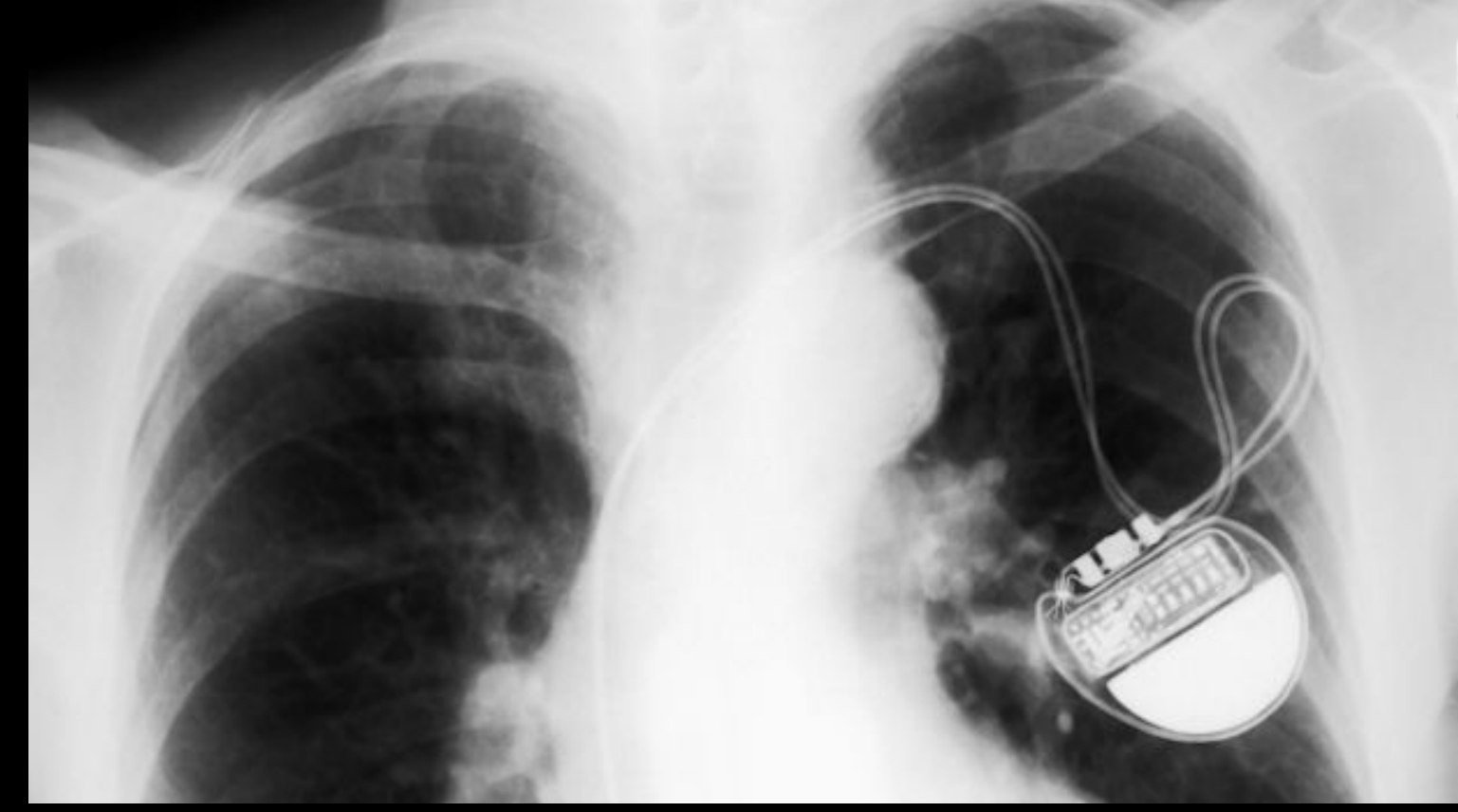


IOP

The distance between human and machine has been shrinking for decades.

Medical implants -> general implants -> brain implants.

WHAT IF

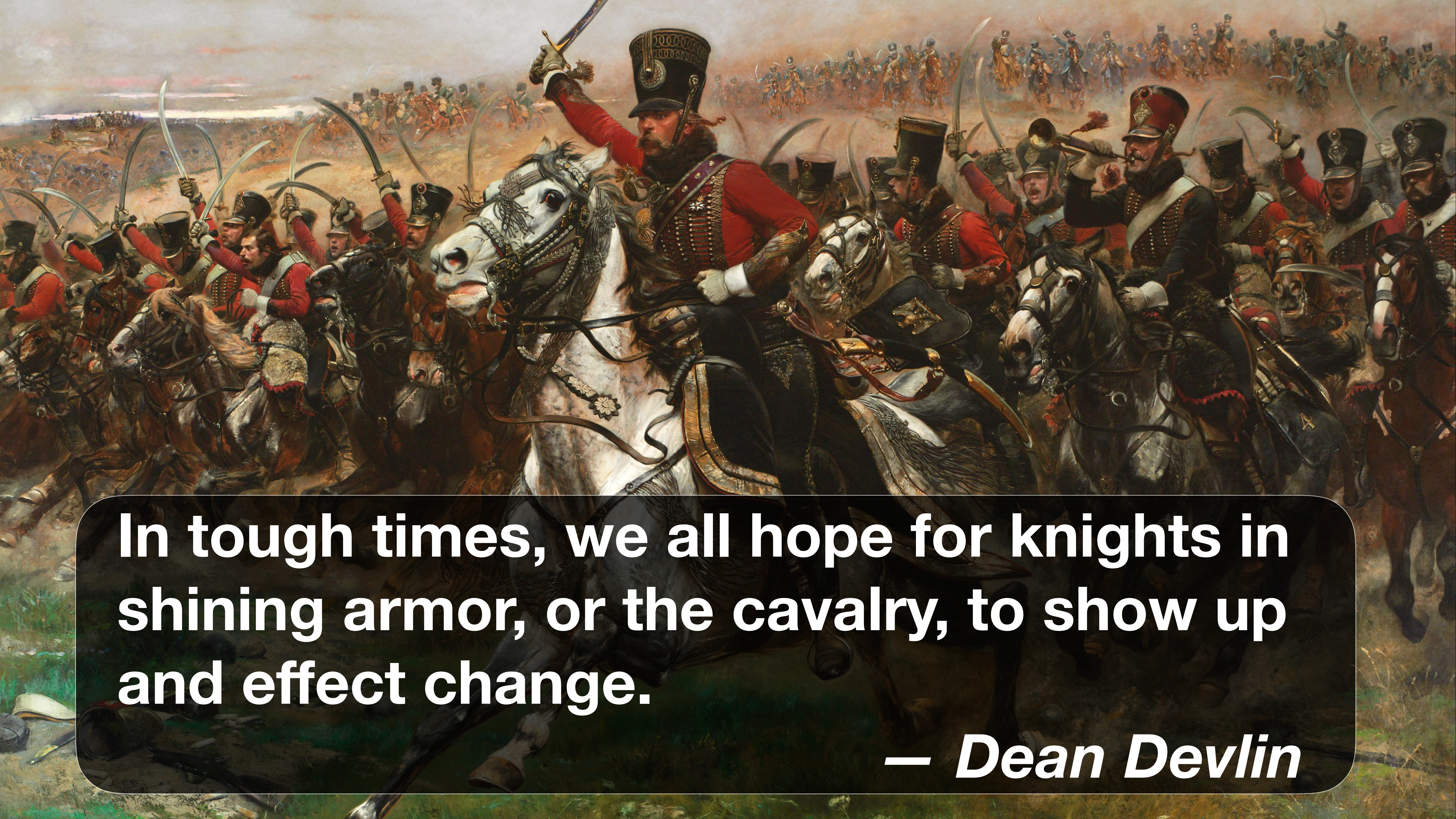


YOU

GET HACKED?

The background of the slide is a composite image. On the left, a portion of the Earth is visible, showing blue oceans and grey landmasses. This transitions into a dark, textured surface that resembles a digital or cybernetic landscape. This surface is covered with a dense, glowing network of orange and red lines, resembling a complex circuit board or a data network. The overall effect is one of a digital world or a cybernetic environment.

Who saves us from cybergeddon?



In tough times, we all hope for knights in shining armor, or the cavalry, to show up and effect change.

— *Dean Devlin*

IN CASE OF

ZOMBIES

BREAK GLASS

