



GAMES FOR HEALTH EUROPE
2025



The Future of AI

Who's at the Wheel?

Games for Health, Eindhoven, March 31th 2025
Carlo van de Weijer, General Manager EAISI

Homo ludens

Essai sur la fonction
sociale du jeu

par J. Huizinga

nrf

LES ESSAIS XLVII

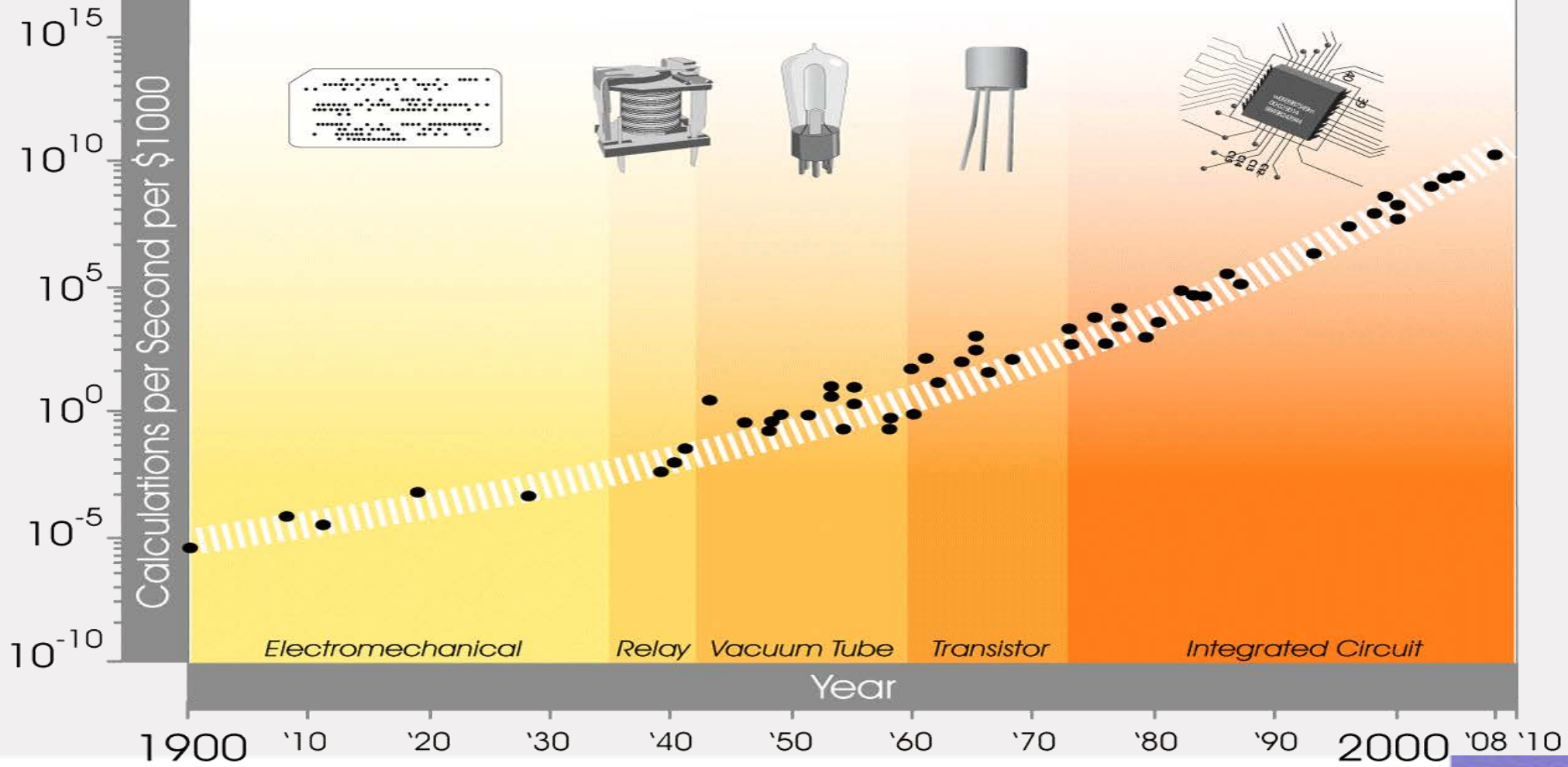
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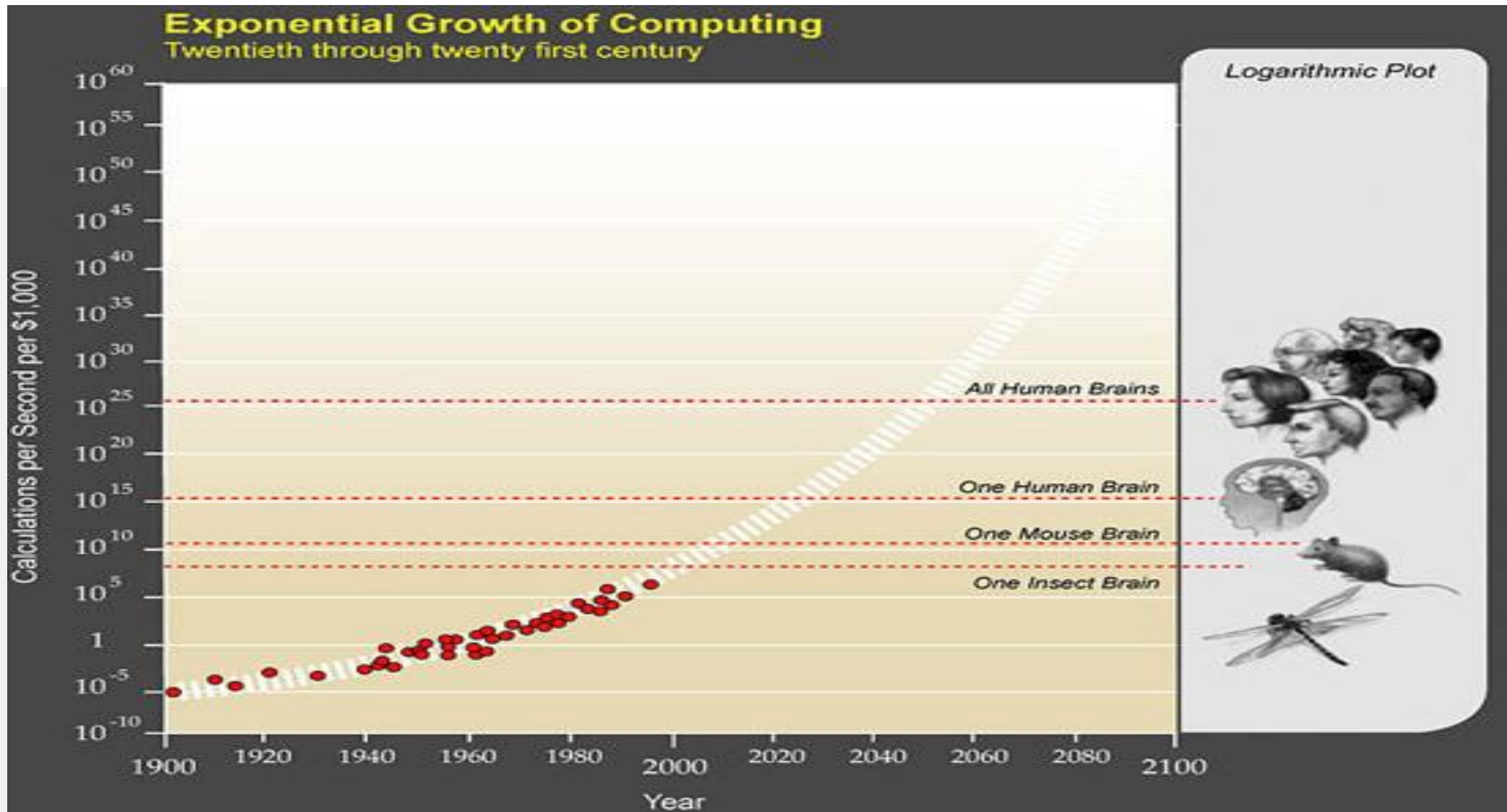


Exponential Growth of Computing for 110 Years

Moore's Law was the Fifth, not the First, Paradigm to Bring Exponential Growth in Computing

Logarithmic Plot





Source: Raymond Kurzweil, *Kurzweil Accelerating Intelligence*

“Artificial Intelligence”

“Artificial intelligence is like teenage sex.

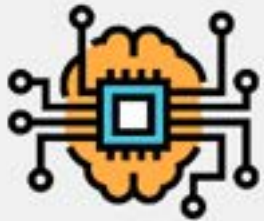
Everyone talks about it...

nobody really knows how to do it...

everyone thinks everyone else is doing it...

so everyone claims they are doing it.”

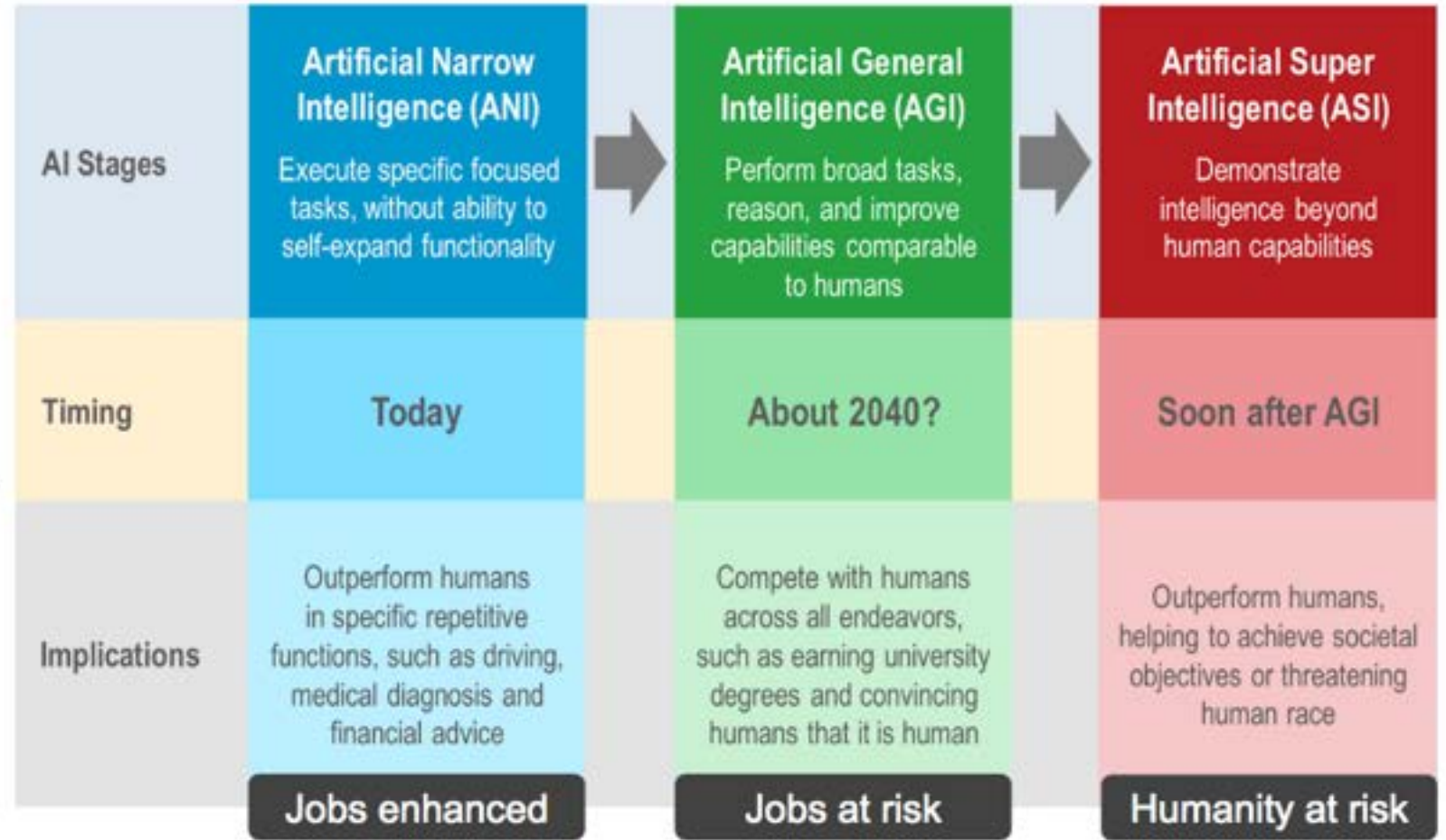
Dan Ariely, Professor, Duke University



A.I.

"The theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages"

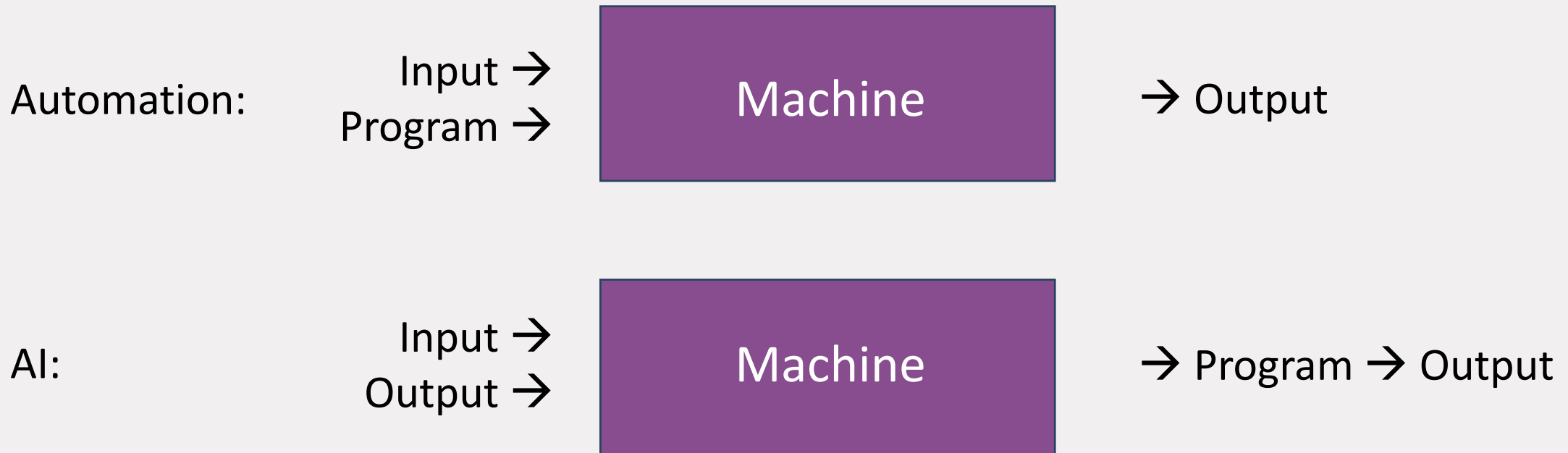
OED





Goal-directed adaptive behaviour (Sternberg & Salter, 1982)

Intelligence

Goal-directed adaptive behaviour (Sternberg & Salter, 1982)



where does gaming meet healthcare and how can AI help the synergy? No yapping.

  < 2/2 >

- **Medical training:** AI-powered VR simulations for realistic practice
- **Physical rehab:** AI adapts gamified exercises to patient progress
- **Mental health:** AI tracks mood via gameplay, adjusts therapeutic content
- **Cognitive assessment:** Games detect decline; AI analyzes patterns
- **Behavior change:** AI personalizes goals in health gamification apps
- **Pain distraction:** AI-enhanced VR games reduce perception of pain
- **Patient engagement:** AI keeps users motivated through adaptive gameplay

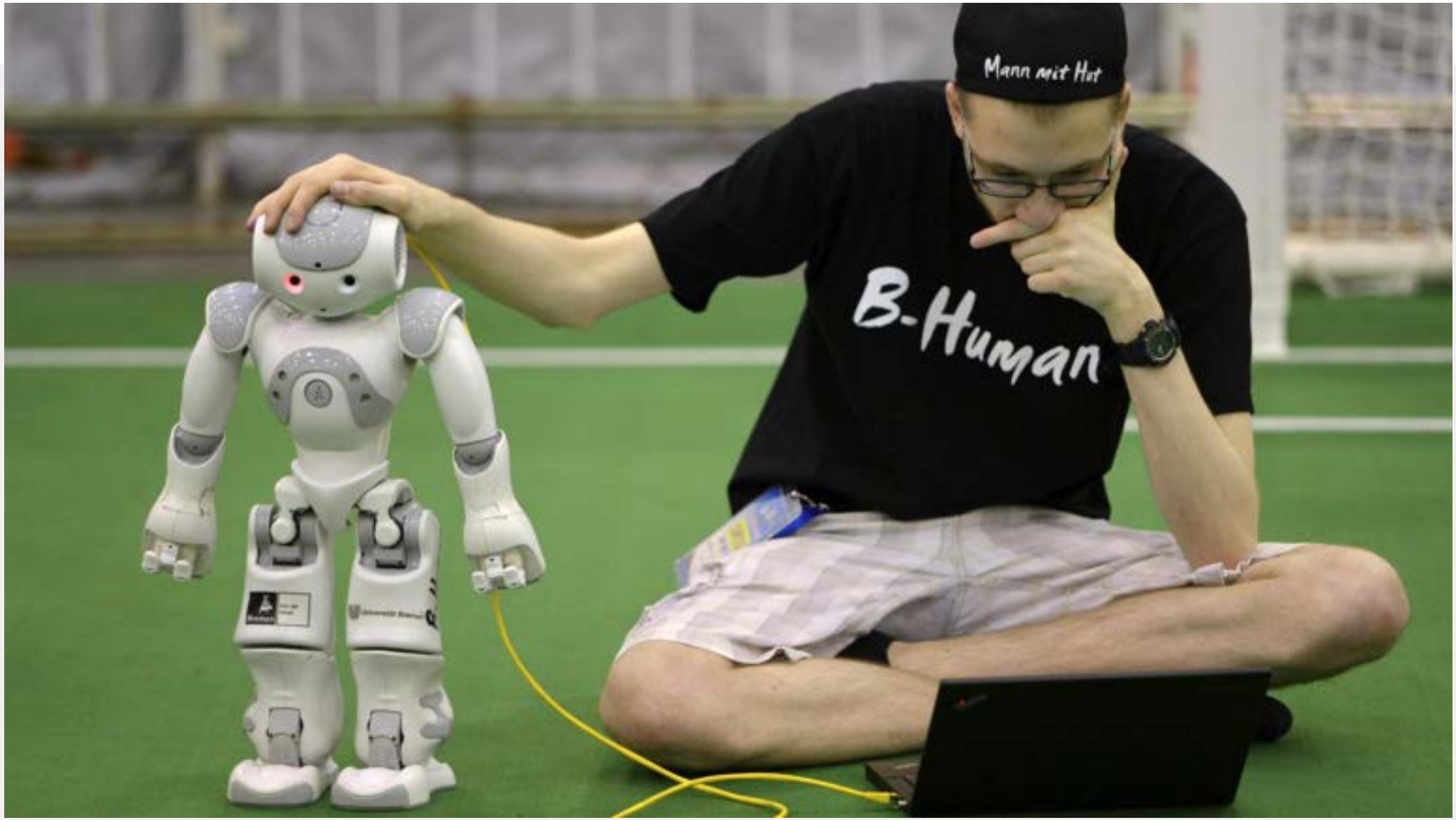
      

Productivity

Quality

Isaac Asimov's "Three Laws of Robotics"

1. A robot may not injure a human being or, through inaction, allow a human being to come to harm.
1. A robot must obey orders given it by human beings except where such orders would conflict with the First Law.
1. A robot must protect its own existence as long as such protection does not conflict with the First or Second Law.







AP photo

Elementary school teachers picket against use of calculators in grade school
The teachers feel if students use calculators too early, they won't learn math concepts

Math teachers protest against calculator use

By JILL LAWRENCE
Associated Press Writer

WASHINGTON — People have come to Washington to protest the

"My older kids don't pay any attention to an answer being absurd. They don't look at it. It's on the calculator," Diana Harvey, a high school teacher from Hillsboro, Ohio, said.

strate," he said. "Teachers are shy."

Leland Webb, a math education professor from California State College at Bakersfield and co-author of math curriculum guidelines for

Prices Effective
Sun., Apr. 10

6 to 8 Lb.
Small
Slices

10 Lbs.
Gross

7 to 11
Slices

Sirloin
Tip

Sirloin
Tip

Full Cut
Round

Family
Cub

Market

Genuine Intelligence moves to the prompt

My recent favourites

- NotebookLM (a.o. making podcasts)
- Otter.ai (meeting notes, summarizing brainstorming, voice recorder)
- Perplexity (deeper, sources, follow-up questions)
- Claude (better in image analysis, big fan base)
- Sesame.com (voice generator)
- Napkin (sketches from text)
- OpenAI Chat GPT 4o (integration DALL-E and huge improvement)
- Gemini (best benchmarked so far, free)
- Cursor (programming, making games ten times easier)
- Lemon Slice, Heygen: play with video and language





HeyGen

Genuine Intelligence moves to the prompt
... and to the checking
... and let AI do the work in between

Changing Craftmanschip



NEWS

Cat crowns Canadian as world's best operator

March 17, 2020



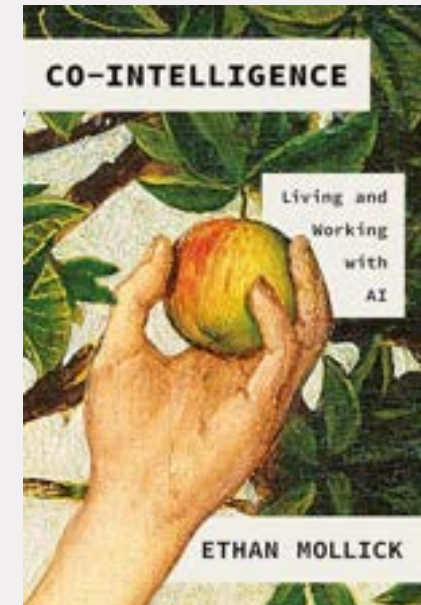
By Bill Tremblay

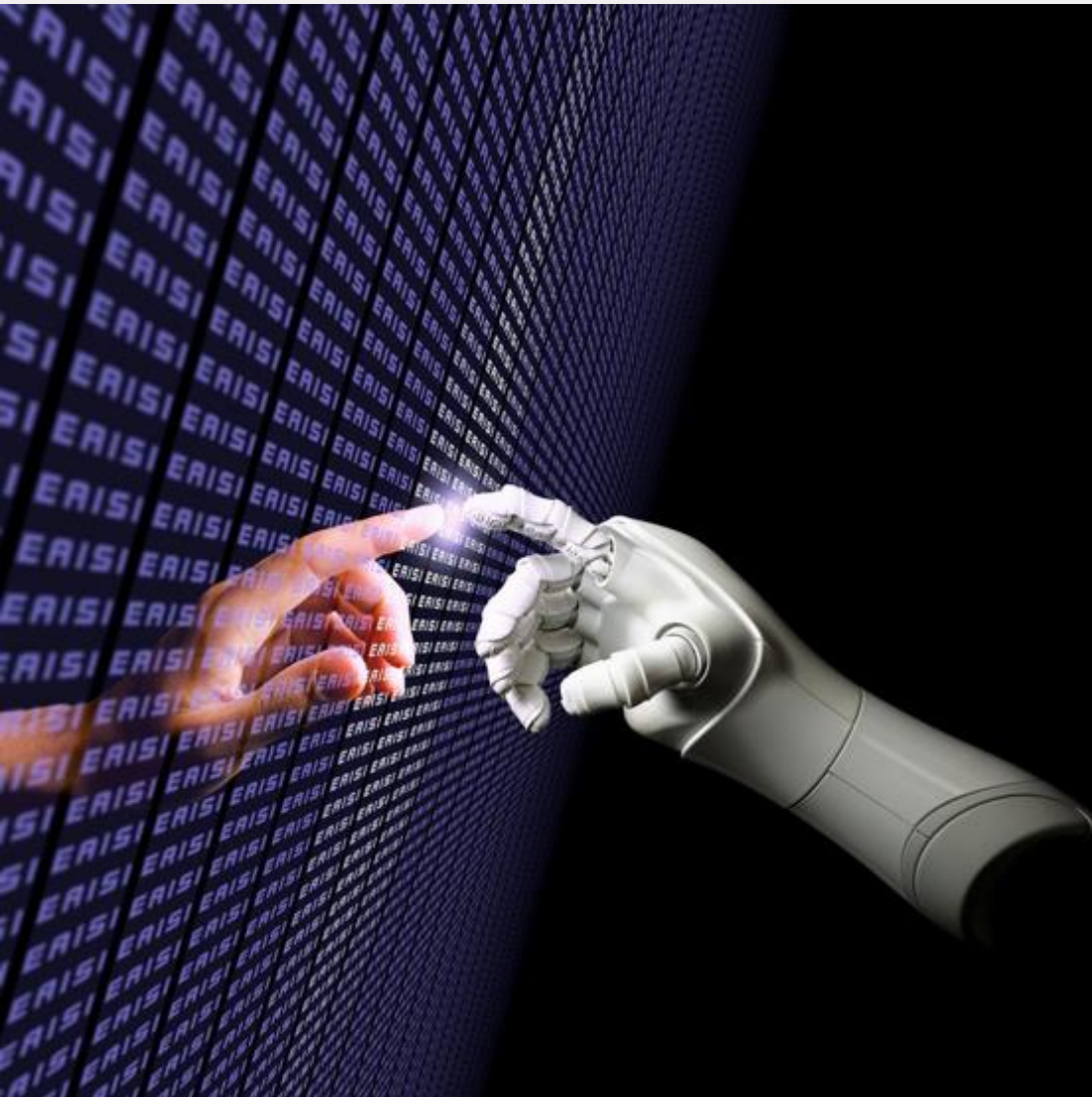
The best in the west is now the best in the world. [Jaus Neigum](#) from Medicine Hat, Alberta has won Caterpillar's Global Operator Challenge.

Boost your productivity, empower your potential

Make AI your coach, colleague, intern,
your creative sounding board.

Experiment





“The real danger is not that computers will begin to think like humans, but that humans will begin to think like computers.”

Sydney J. Harris

Visit the EAISI-café (next edition April 1st!), summit and other events
(announced on our LinkedIn and via newsletter, sign up via www.tue.nl/ai)



AI for the Real World



GAMES FOR HEALTH

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