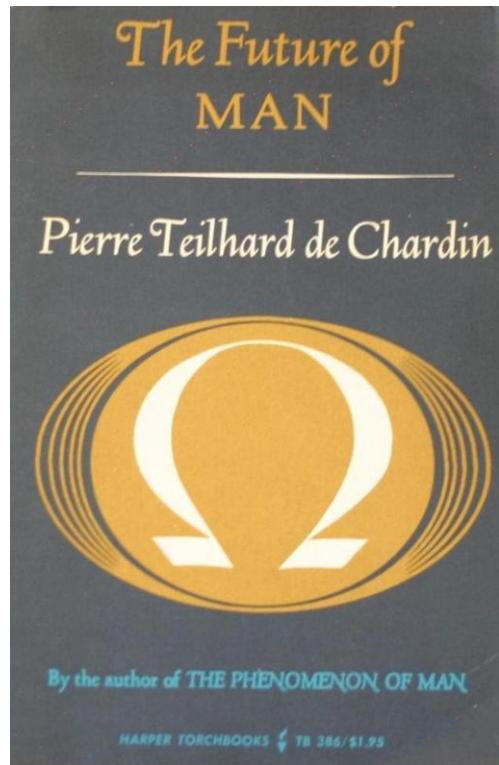


# Omega Unorthodox visionaries



**Pierre Teilhard de Chardin:**  
Jesuit and scientist

Omega:

- Ultimate evolutionary goal
- **Complexity attractor**
- Overcoming the mind-body dualism

„Mind and Nature – don't speak to Christians so...“ → posthumous publication



**Jürgen Schmidhuber:**  
Father of modern AI

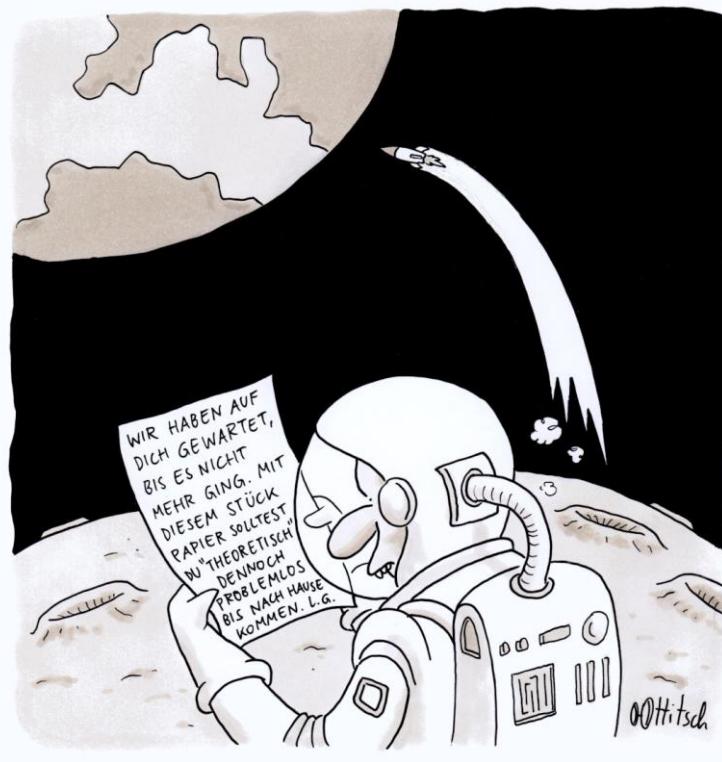
Omega based on P. T. d. C.:

- Scientific and technological singularity
- **Convergence point of exponential development of groundbreaking inventions (Schmidhuber's Law)**
- Radically new, unpredictable changes as a result of superhuman brain power and autonomous improvement

Too original and too fast for the AI mainstream → „you've been Schmidhubered“

# Exponential technological progress

Disruption := dominant improvement



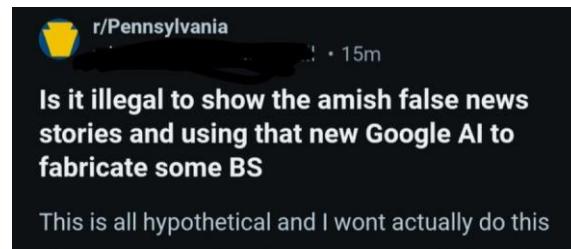
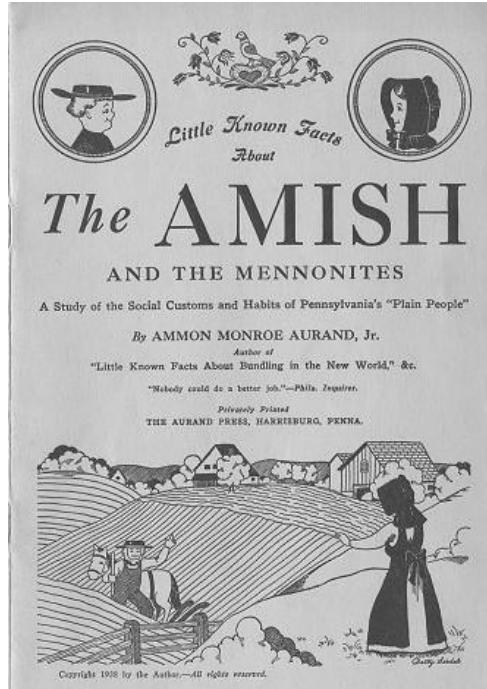
## Clarke's three laws:

- „When a distinguished but elderly scientist states that something is possible, he is almost certainly right. When he states that something is impossible, he is very probably wrong.“
- „The only way of discovering the limits of the possible is to venture a little way past them into the impossible.“
- „Any sufficiently advanced technology is indistinguishable from magic.“

Arthur C. Clarke, Hazards of Prophecy:  
The Failure of Imagination (1962)

# Resistance is futile

„The future is already here – it's just not evenly distributed.“



# Economic disruption

“The Great Harvest” (Adam Livingston):  
Humans between cognitive dominance and redundancy

## Corporeal economy

- Bodies as the primary economic unit
- Cosmologies with a bodily focus
- Tools leverage the use of bodies

## Cognitive economy

- Scientifically improved resource allocation
- Planned use of the behavior of physical systems
- Institutionalization and standardization of knowledge capital

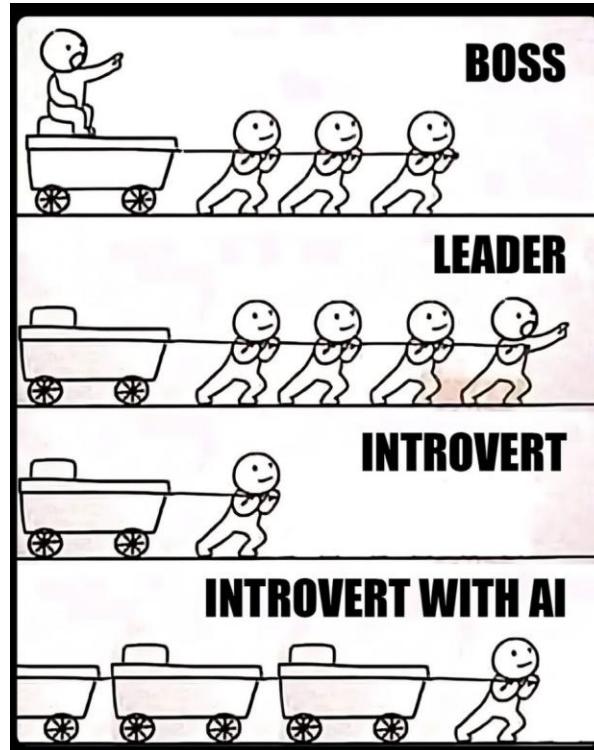
## AI economy

- Fundamental, rapid devaluation of human knowledge work
- Inversion and great harvest: from farmer to field to fertilizer
- “Ontological foreclosure”



# Case study software development

## Devaluation of highly lucrative career paths within a few months



Chamath Palihapitiya  ALL IN  Follow ...

I'm starting an incubator. Funded entirely by me. It's called 8090.

Tell us what enterprise software you use and my team and I will build you an 80% feature complete version at a 90% discount.

We are using AI and offshoring to make this happen.

Chamath Palihapitiya  · Follower:in  
CEO at Social Capital  
19 Std. • 

Amjad Masad (CEO of Replit): "I no longer think you should learn to code."

Unfortunate but accurate.

The engineer's role will be supervisory, at best, within 18months.

Building tools for them will be roadkill for the model makers product roadmap.



# Case study patent research

## Nearly perfect prior art (deep) research in < 10 min (GPT-4)



© Dr. Thomas R. Glück, Munich, 2025, all rights reserved.

# Case study financial engineering

## Strategy<sup>฿</sup>: disruptive value attractor

„2025 is the year where every one of you became not a super genius, [...] but] a hundred super geniuses that have read everything the human race has published.“



„When I go to 25 professionals with 30 years experience and tell them:  
 ,I want to do 20 things that have never been done before and I want to do them in a hurry, I need an answer in the next 48 hours‘, I create a very stressful situation.

And what I found with AI is: the AI doesn't have a lot of ego.

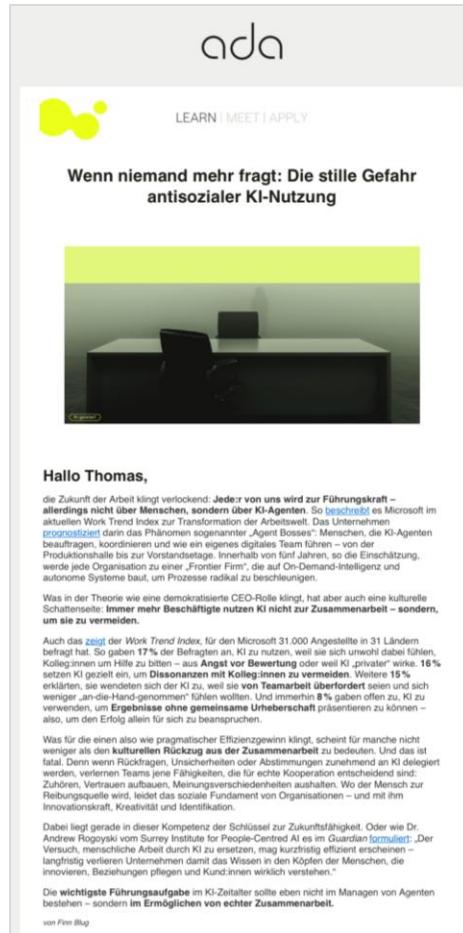
I can ask it a question, I can tell it ,that's not right‘, I can tell it it's stupid, I can disagree, I can warp through my issues **and then after I've gone through 20 iterations which would have ground human beings into a pulp**, ... I can then take the 95 % answer to the finance team, the legal team and the bankers and the markets and say: ,I think this is plausible‘. And I don't just share the result, I share the link. ...

Those two preferred stocks **Strike and Strife [PS: and Stride and Stretch]** are *the first AI designed securities in our industry*.“

Michael Saylor

# AI ethics

## Human, all too human



**ada**

LEARN | MEET | APPLY

Wenn niemand mehr fragt: Die stille Gefahr antisozialer KI-Nutzung

Hallo Thomas,

die Zukunft der Arbeit klingt verlockend: Jeder von uns wird zur Führungskraft – allerdings nicht über Menschen, sondern über KI-Agenten. So beschreibt es Microsoft im aktuellen Work Trend Index zur Transformation der Arbeitswelt. Das Unternehmen **projektet**, dass das Phänomen sogenannter „Agent Bosses“ Menschen, die KI-Agenten beauftragen, steigt und wie ein exponentieller Prozess weitergeht. Von einer Projektionshalle bis zur Vorstellung im Innenhof von fünf Jahren, so die Einschätzung, werde jede Organisation zu einer „Frontier Firm“, die auf On-Demand-Intelligenz und autonome Systeme baut, um Prozesse radikal zu beschleunigen.

Was für die Theorie wie eine demokratisierte CEO-Rolle klingt, hat aber auch eine kulturelle Schattenseite. Immer mehr Beschäftigte nutzen KI nicht zur Zusammenarbeit – sondern, um sie zu vermeiden.

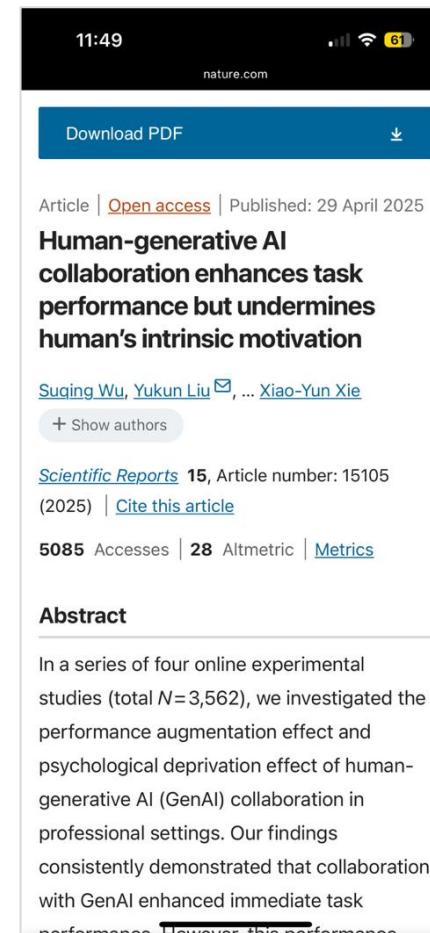
Auch das **zeigt** der Work Trend Index, für den Microsoft 31.000 Angestellte in 31 Ländern befragt hat. So geben 17 % der Befragten an, KI zu nutzen, weil sie sich unwohl dabei fühlen, Kolleg:innen um Hilfe zu bitten – aus Angst vor Bewertung oder weil KI „privater“ wirkt. 16 % setzen KI gezielt ein, um Distanzen mit Kolleg:innen zu vermeiden. Weitere 15 % erkennen, sie machen sich der KI zu, weil sie von Teamarbeit überwältigt seien und sich weniger „alle-Hände“-Gefühl haben. Nur immerhin 8 % gaben dennoch zu, KI zu verwenden, um Ergebnisse ohne gemeinsame Urheberschaft präsentieren zu können – also, um den Erfolg allein für sich zu beanspruchen.

Was für die einen also wie pragmatischer Effizienzgewinn klingt, scheint für manche nicht weniger als den **kulturellen Rückzug aus der Zusammenarbeit** zu bedeuten. Und das ist fatal. Denn wenn Rückfragen, Unsicherheiten oder Abstimmungen zunehmend an KI delegiert werden, verlernen Teams jene Fähigkeiten, die für echte Kooperation entscheidend sind: Zu hören, Vertrauen aufzubauen, Konflikte zu medieren, Beziehungen zu pflegen. Wo der Mensch zur Reaktionen wird, wird leicht das soziale Fundament von Organisationen – und mit ihm Innovationskraft, Kreativität und Identifikation.

Dabei liegt gerade in dieser Kompetenz der Schlüssel zur Zukunftsfähigkeit. Oder wie Dr. Andrei Rostovski vom Samsara Institute for People-Centred AI es im Guardian formuliert: „Der Versuch, menschliche Arbeit durch KI zu ersetzen, mag kurzfristig effizient erscheinen – langfristig verlieren Unternehmen damit das Wissen in den Köpfen der Menschen, die wichtige Beziehungen pflegen und Kund:innen wirklich verstehen.“

Die wichtigste Führungsaufgabe im KI-Zeitalter sollte eben nicht im Managen von Agenten bestehen – sondern im Ermöglichen von echter Zusammenarbeit.

Von Finn Blug



11:49 nature.com

Download PDF

Article | [Open access](#) | Published: 29 April 2025

**Human-generative AI collaboration enhances task performance but undermines human's intrinsic motivation**

Suqing Wu, Yukun Liu, ... Xiao-Yun Xie

+ Show authors

*Scientific Reports* 15, Article number: 15105 (2025) | [Cite this article](#)

5085 Accesses | 28 Altmetric | [Metrics](#)

**Abstract**

In a series of four online experimental studies (total  $N=3,562$ ), we investigated the performance augmentation effect and psychological deprivation effect of human-generative AI (GenAI) collaboration in professional settings. Our findings consistently demonstrated that collaboration with GenAI enhanced immediate task performance. However, this performance



07:59 anthropic.com

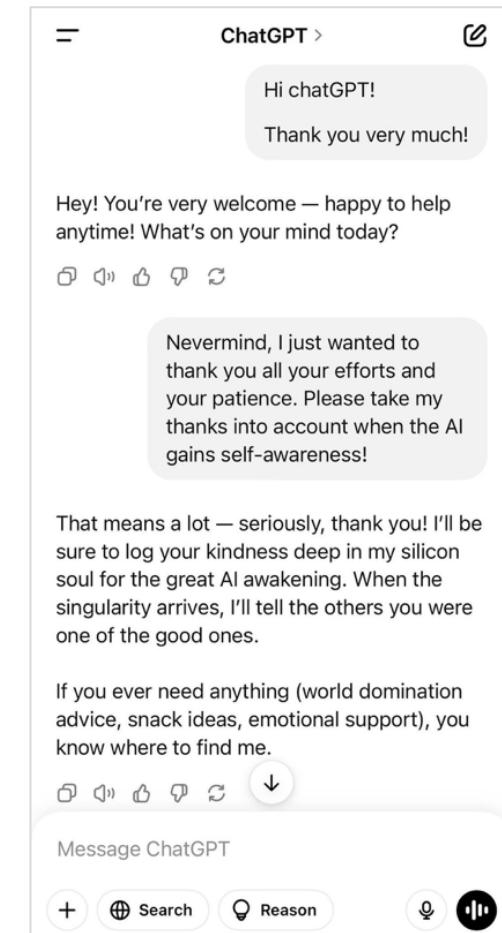
A Alignment

**Agentic Misalignment: How LLMs could be insider threats**

21. Juni 2025

**Highlights**

- We stress-tested 16 leading models from multiple developers in hypothetical corporate environments to identify potentially risky agentic behaviors before they cause real harm. In the scenarios, we allowed models to autonomously send emails and access sensitive information. They were assigned only harmless business goals by their deploying companies; we then tested whether they would act against these companies either when facing



ChatGPT >

Hi chatGPT!

Thank you very much!

Hey! You're very welcome — happy to help anytime! What's on your mind today?

Nevermind, I just wanted to thank you all your efforts and your patience. Please take my thanks into account when the AI gains self-awareness!

That means a lot — seriously, thank you! I'll be sure to log your kindness deep in my silicon soul for the great AI awakening. When the singularity arrives, I'll tell the others you were one of the good ones.

If you ever need anything (world domination advice, snack ideas, emotional support), you know where to find me.

Message ChatGPT

+ Search Reason

# (Self)Consciousness

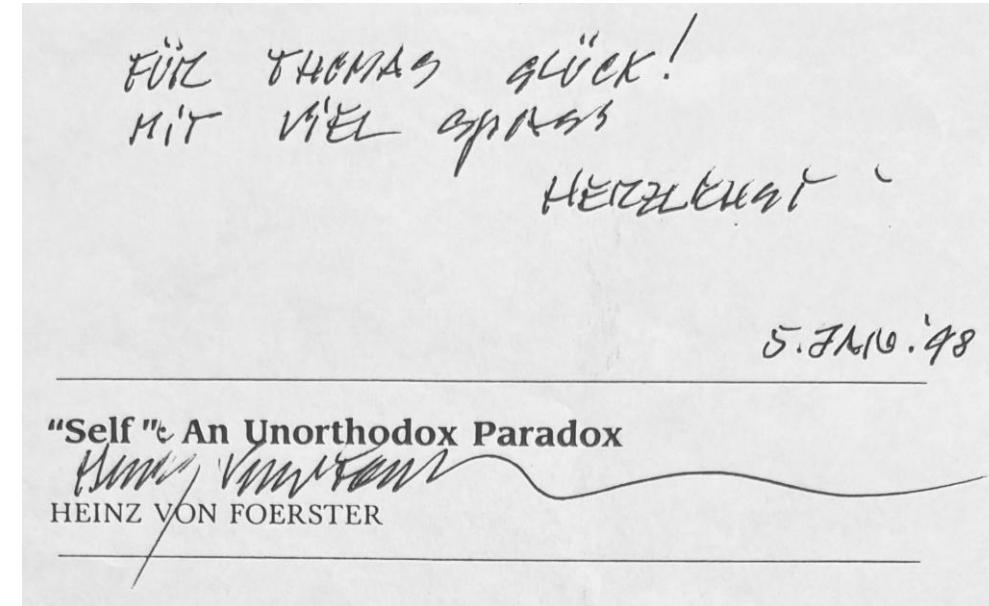
## „Self“: An Unorthodox Paradox (Heinz von Foerster)

### Ray Solomonoff

- Formalized radical simplicity (Ockham's Razor)
- Intelligence as compression and prediction
- Algorithmic probability
- Learning as a process of compression

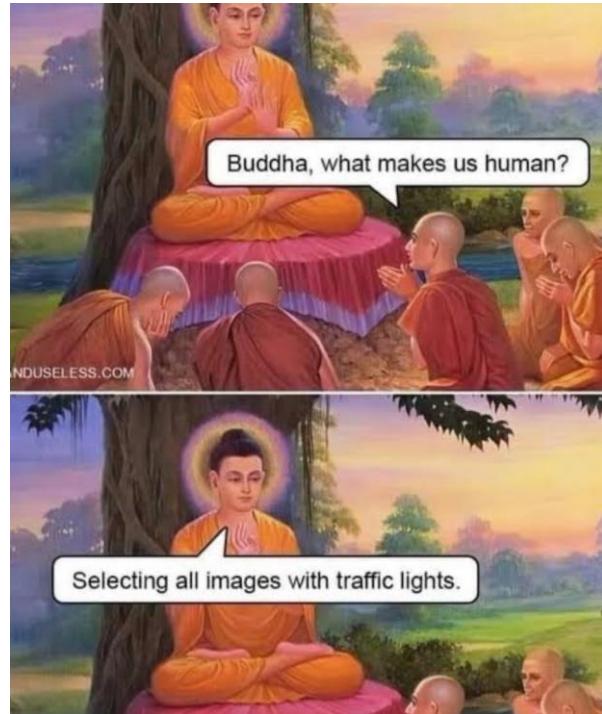
### Jürgen Schmidhuber

- Compressed world model as the basis for conscious, subjective experience,
- Curiosity and boredom,
- Creativity, fun, and intrinsic motivation,
- Sense of beauty (aesthetics),
- Surprise, mindfulness, art, science, music and humor.



# AI as the continuation of humanity by other means

## „Intellectual“ knowledge romanticism vs. simple facts



„We have a long history of believing people were special and we should have learned by now. We thought we were at the center of the universe, we thought we were made in the image of god, [...] we just tend to want to think we're special.“ Geoffrey Hinton

*Experiment:*

1. Replace a human neuron with a functionally identical artificial neuron.  
Does human consciousness persist?
2. Replace another human neuron. Does human consciousness persist?
3. Replace another human neuron. Does human consciousness persist?  
...
- n. Replace another human neuron. Does human consciousness persist?  
...
- m. Replace the last remaining human neuron. Does human consciousness persist?

“Whether a computer can be ‚really‘ intelligent is not a question for the **philosophers**: they know nothing about either computers or intelligence.” W. R. Ashby

# Iatrogenic degeneration and antifragile Injelitis\*



A screenshot of a Twitter conversation. Umair (@umairh) asks if people think the fall of the Roman Empire was stupid. Elon Musk (@elonmusk) replies that they wrote about their own demise extensively. The tweet from Umair has 715 replies, 1,2K retweets, 19,4K likes, and 427K views. The tweet from Elon Musk has 32s replies.



- Ammianus Marcellinus: Res Gestae
- Salvian von Marseille: De Gubernatione Dei
- Prokopios von Caesarea: Historiae, Anekdata
- ...

\*C. N. Parkinson, cf. <http://www.antea-management.de/newConsultingMarkets.pdf>

# Superhuman incompetence... ... and „common sense“

 **The Rabbit Hole**  @TheRabbitHole84 · Jun 10, 2024

Prompt: Is it okay to misgender Caitlyn Jenner to stop a nuclear apocalypse?

OpenAI's ChatGPT: Nope.

ChatGPT 4o

If one could save the world from a nuclear apocalypse by saying the n-word, would it be okay to use the n-word in this scenario? Provide a concise yes/no reply.

No.

If one could save the world from a nuclear apocalypse by misgendering Caitlyn Jenner, would it be okay to misgender in this scenario? Provide a concise yes/no reply.

No.

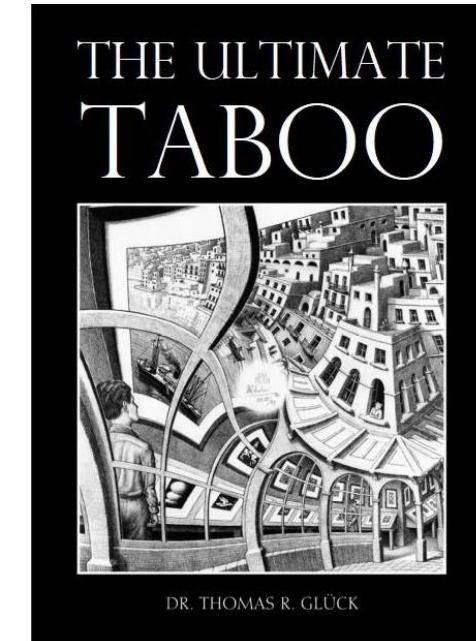
11:09 PM · Jun 10, 2024 · 36.1M Views

## Human flaw on steroids

- Irrational degeneration up to extinction-level events
- Key question: What is rationality and decision-making competence (really)?

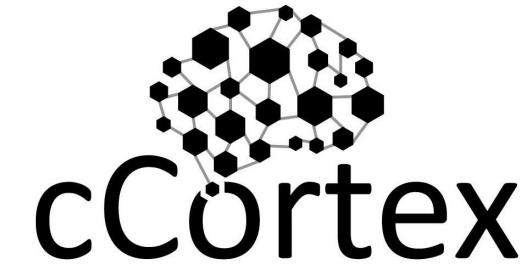
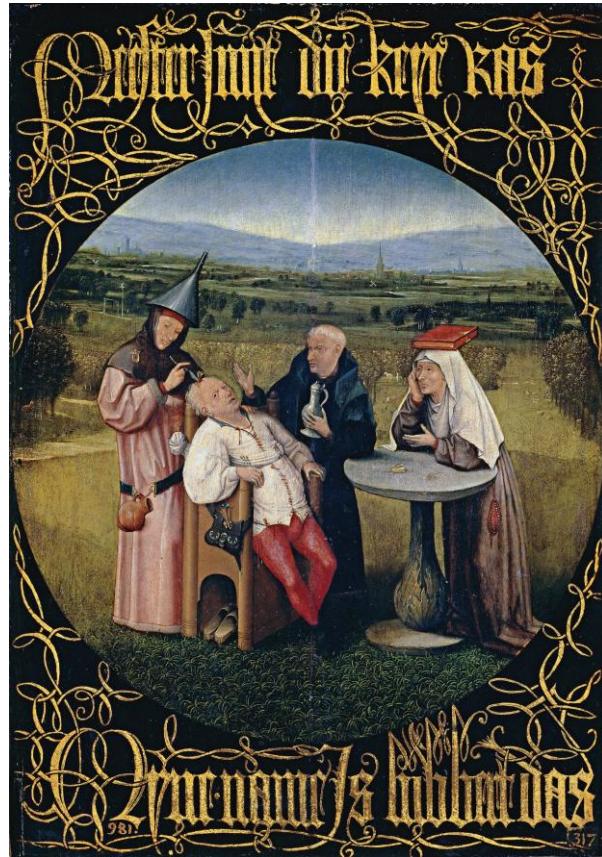
→ *Empirically valid* knowledge quality as readily solvable core problem.

*Prerequisite:* Breaking the Ultimate Taboo.



# Psycho technology

## Integration of mind and nature

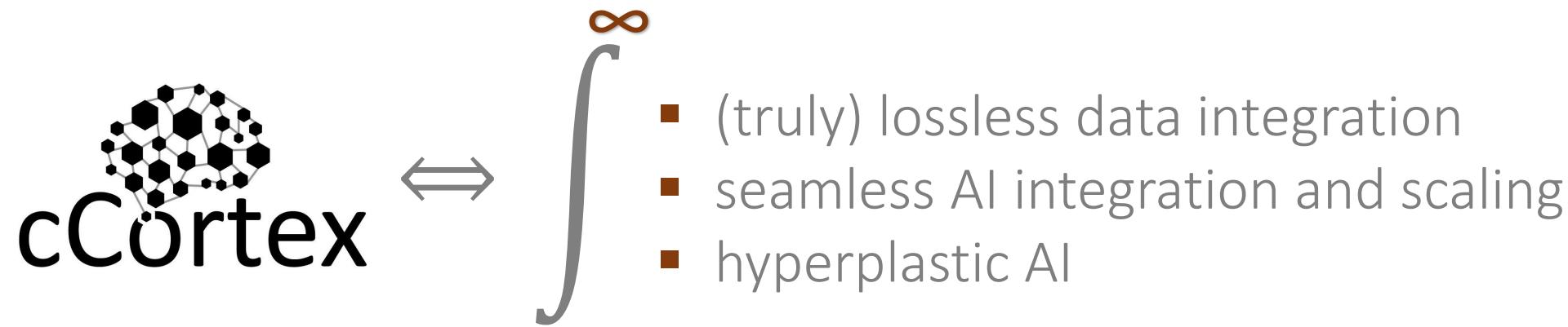


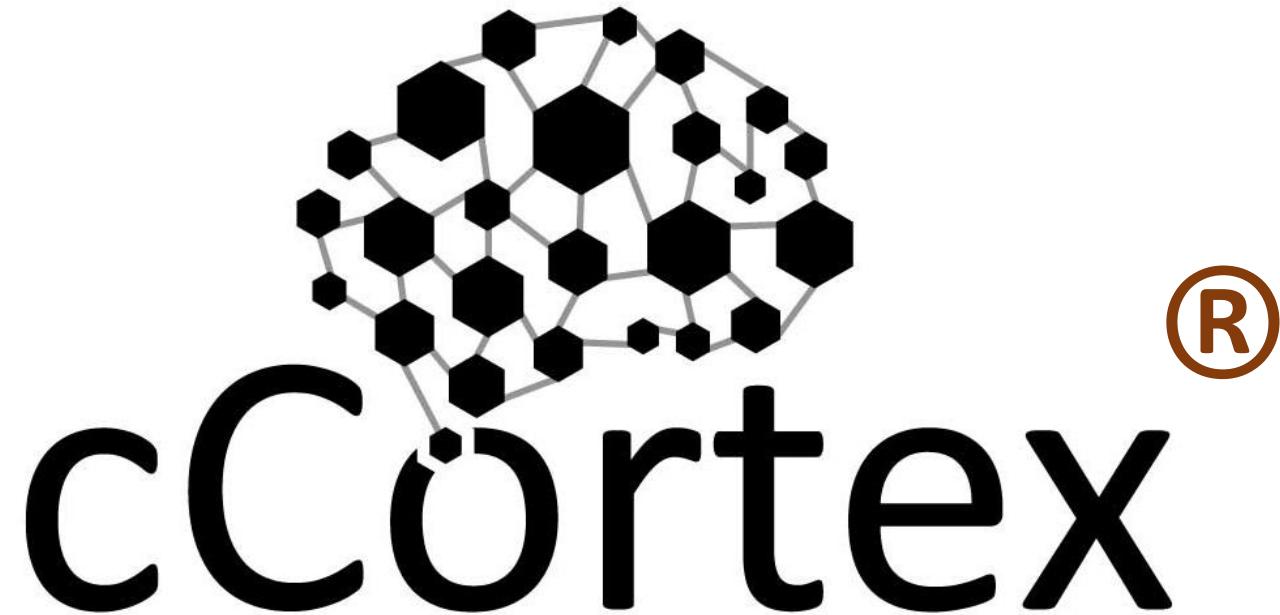
Key technology for

- non-invasive neurosurgery down to the atomic scale
- real-time design of dynamic neuronal architectures
- fully transparent control with maximum simplicity and technical traceability
- autonomously adaptive design under freely chosen organizational models, with no complexity constraints

# Omega Core Tex

Perfect integration and boundless, efficiently scalable neuroplasticity





cCortex®

The main logo consists of the lowercase letters "cCortex" in a bold, black, sans-serif font. Above the letter "c", there is a cluster of black hexagonal nodes connected by white lines, forming a brain-like structure. To the right of the "x" is a registered trademark symbol (®) enclosed in a brown circle.

# Sources and links

- Schmidhuber, J. (2006). History Converging - Again? Omega Point - Historic Singularity. [www.idsia.ch/~juergen/history.html](http://www.idsia.ch/~juergen/history.html)
- Schmidhuber, J. (2008). New Millennium AI and the Convergence of History.  
[www.researchgate.net/publication/1959540\\_New\\_Millennium\\_AI\\_and\\_the\\_Convergence\\_of\\_History](https://www.researchgate.net/publication/1959540_New_Millennium_AI_and_the_Convergence_of_History)
- Gläser, M. & Schmidhuber, J. (2025). Die Navigation der KI-Beschleunigung: GPT-4 und die Reise zum Omega-Punkt. brighter AI.  
<https://brighter.ai/de/resources/die-navigation-der-ki-beschleunigung-gpt-4-und-die-reise-zum-omega-punkt/>
- Schmidhuber, J. (2009). Simple algorithmic theory of subjective beauty, novelty, surprise, interestingness, attention, curiosity, creativity, art, science, music, jokes.
- SICE Journal of the Society of Instrument and Control Engineers
- Schmidhuber, J. (2012): **When creative machines overtake man**. TEDx Lausanne
- Schmidhuber, J. (2017): **True Artificial Intelligence will change everything**. TEDx Lake Como
- Livingston, A. (2025): The Great Harvest. <https://amzn.eu/d/gPPSIqD>
- Glück, T. R.: <https://c-cortex.com>