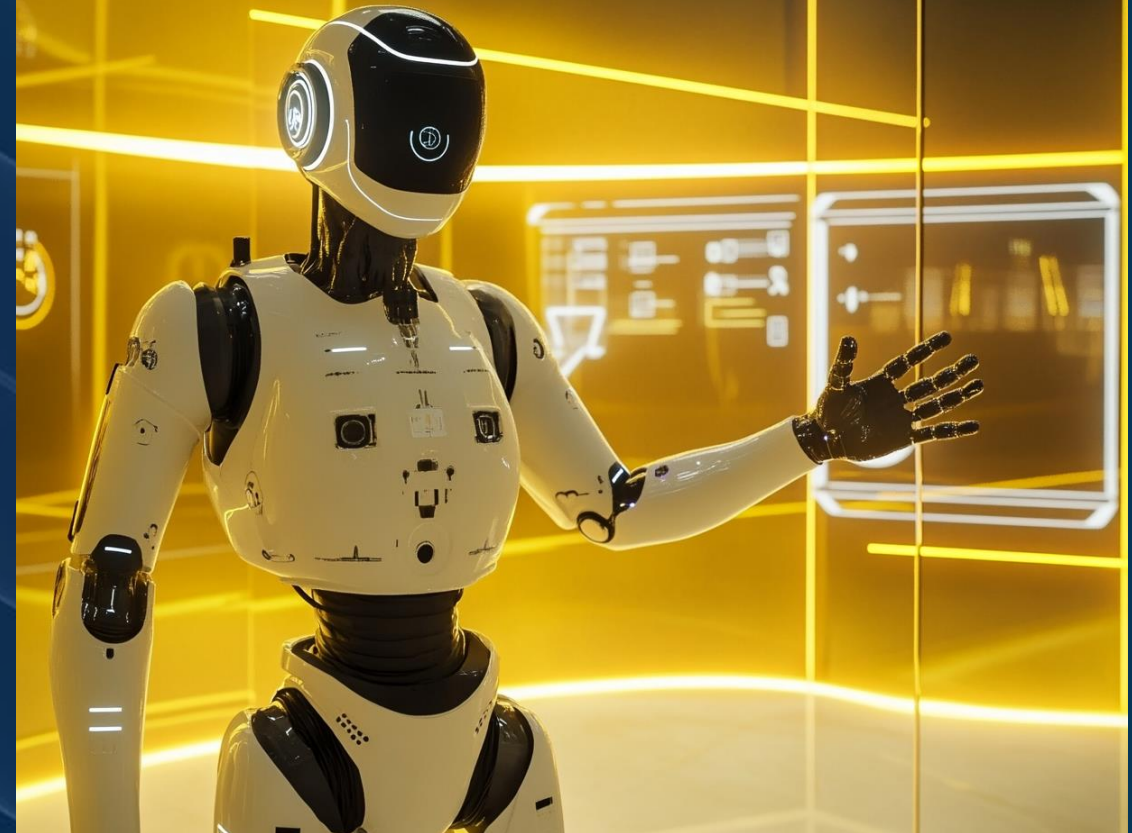


KI UND ASSISTIVE TECHNIK

Die Kraft der Innovation

11.03.2025



Prof. Michael Schwertel





Robert Scoble ✓ @Scobleizer · 28.07.23 ...

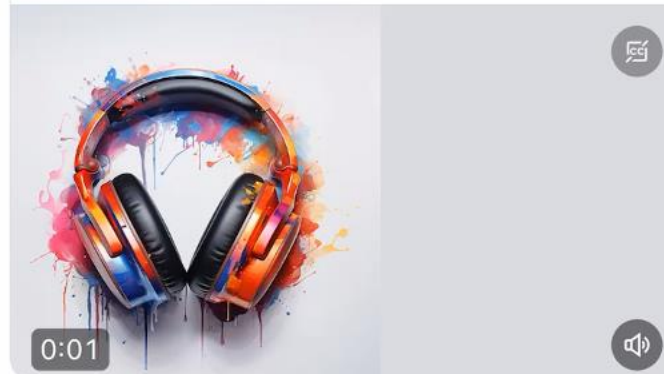
Translation:

This is an online website that automatically generates 3D models from pictures. This is so cool. For example, when you need to show product details in a video, you can directly upload pictures to generate 3D clips, which can be used directly. I feel that it is... [Mehr anzeigen](#)



穆尼 🐦 @MooenyChu · 28.07.23

这是一个图片自动生成3D模型的在线网站，这个太帅了，如视频里需要展示产品细节时，直接上传图片生成3D片段，就可以直接用。感觉特别适合卖货的，好用推荐直达地址：3d.csm.ai



💬 33 ↻ 121 ❤️ 570 📶 184K ↗





Tweet



Linus (●●●) ✓
@LinusEkenstam

Abonnieren



3D modelling is dead



1 artist, 100x your workflow with CityBLD

Here is New York City recreated in Unreal. A totally playable 1:1 representation of the city made by one person 🤖

The tools that creatives will have at their disposals are pure wild fire

A thread 🧵

[Tweet übersetzen](#)



01:19 · 10.08.23 aus Earth · **458K** Mal angezeigt



Linus (●●●) ✓

@LinusEkenstam · 15h

Folgen



3D modelling is dead

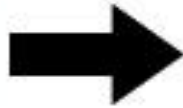
1 artist, 100x your workflow with CityBLD



WORLD LABS

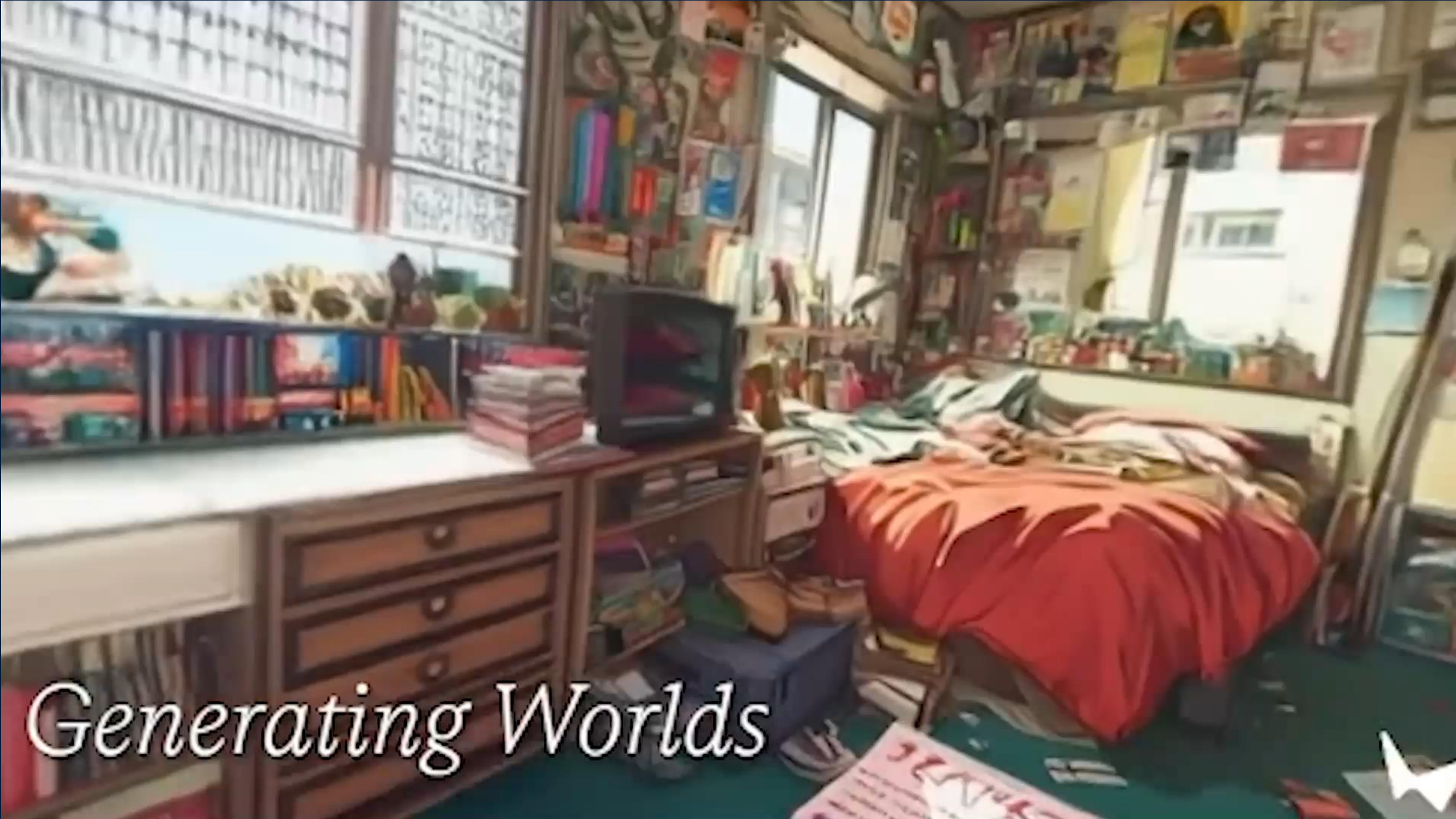
04.12.2024

Input Image

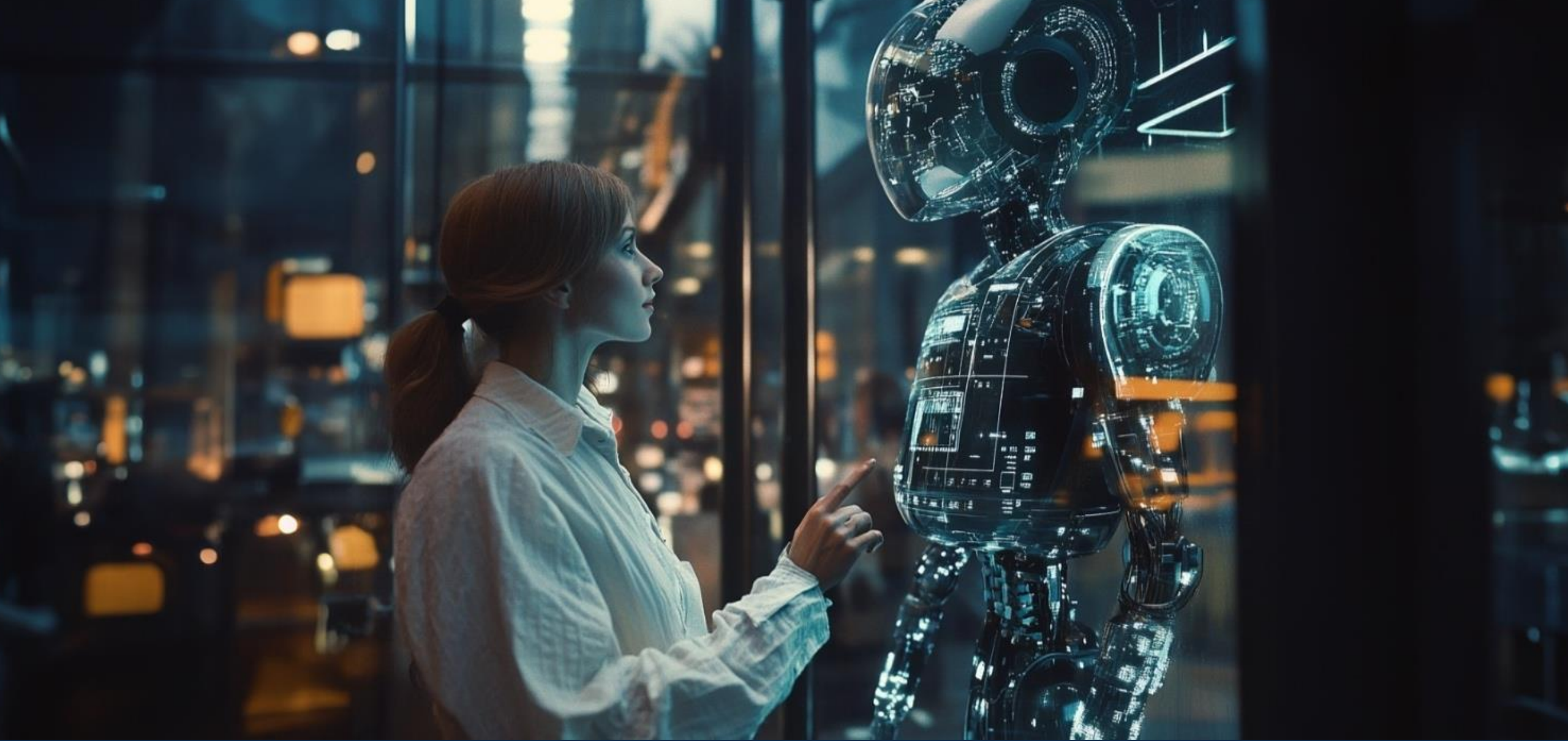


3D World





Generating Worlds



Wie ist die Zukunft von KI?



Vor ca. 6000 Jahren





1450 nach Christus

FÜNF TAGE SPÄTER...





DAS RISIKO DER ÜBERFORDERUNG UND DIE GEFAHR, INNOVATIONEN ZU IGNORIEREN



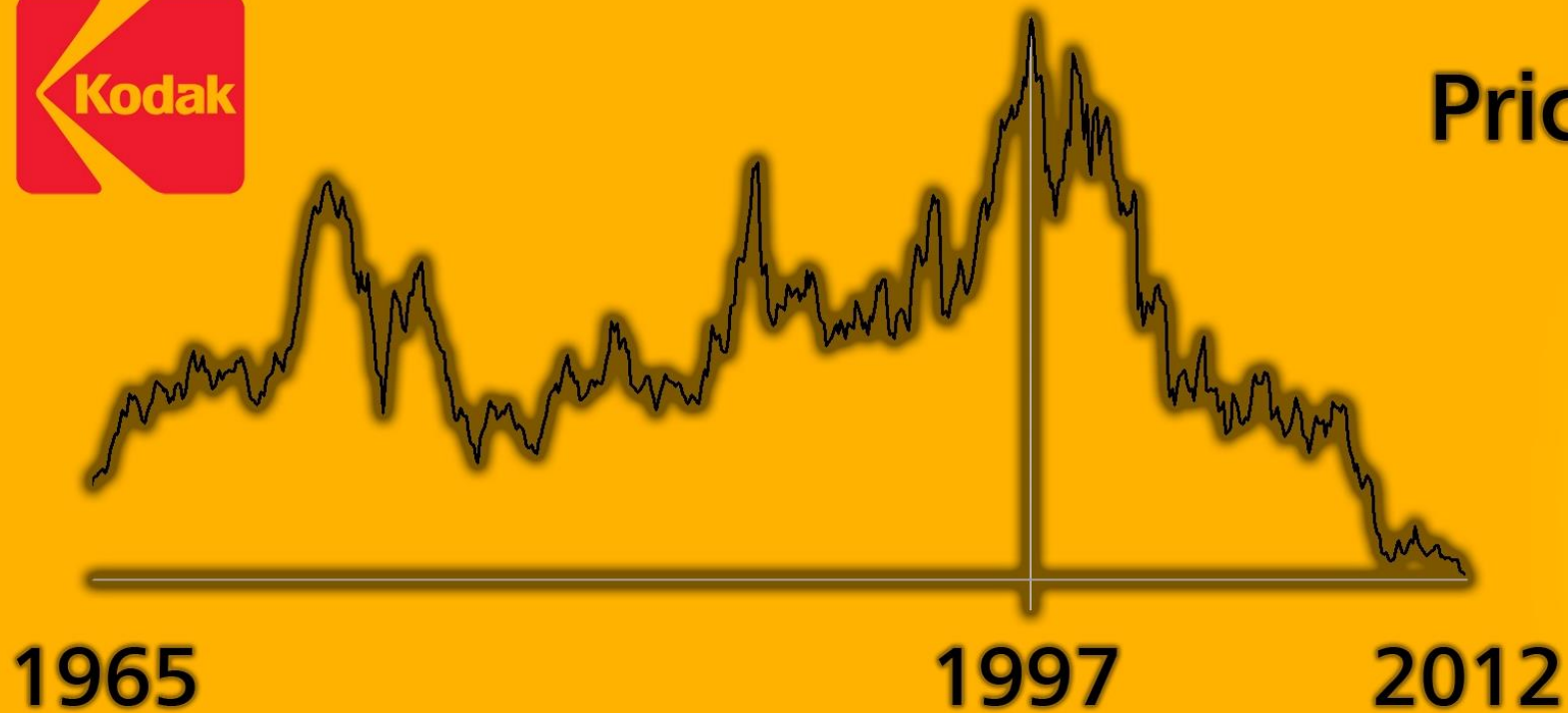
Prof. Michael Schwertel



KODAK



Price per share



KODAK



Reisebüro

BERUFE VERSCHWINDEN IMMER UND SCHAFFEN NEUE



Prof. Michael Schwertel

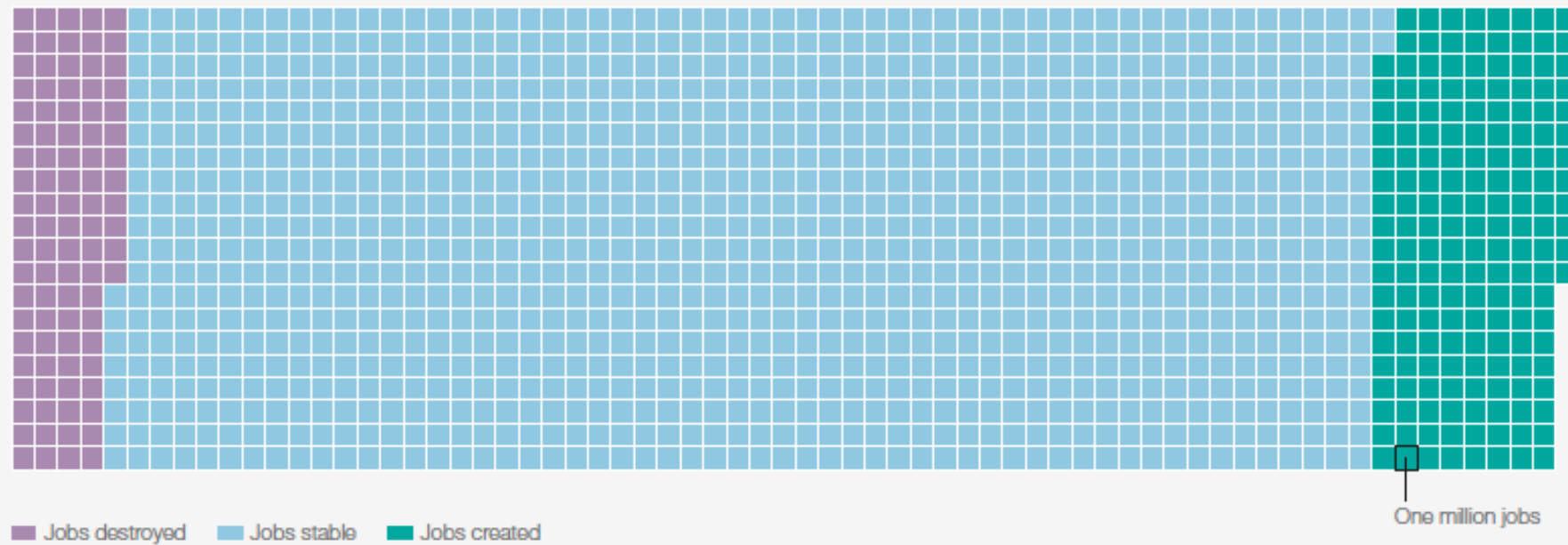




FIGURE 2.1

Global employment change by 2030

In the next five years, 170 million jobs are projected to be created and 92 million jobs to be displaced, constituting a structural labour market churn of 22% of the 1.2 billion formal jobs in the dataset being studied. This amounts to a net employment increase of 7%, or 78 million jobs.



Source

World Economic Forum, Future of Jobs Survey 2024;
International Labour Organization, ILOSTAT.

Note

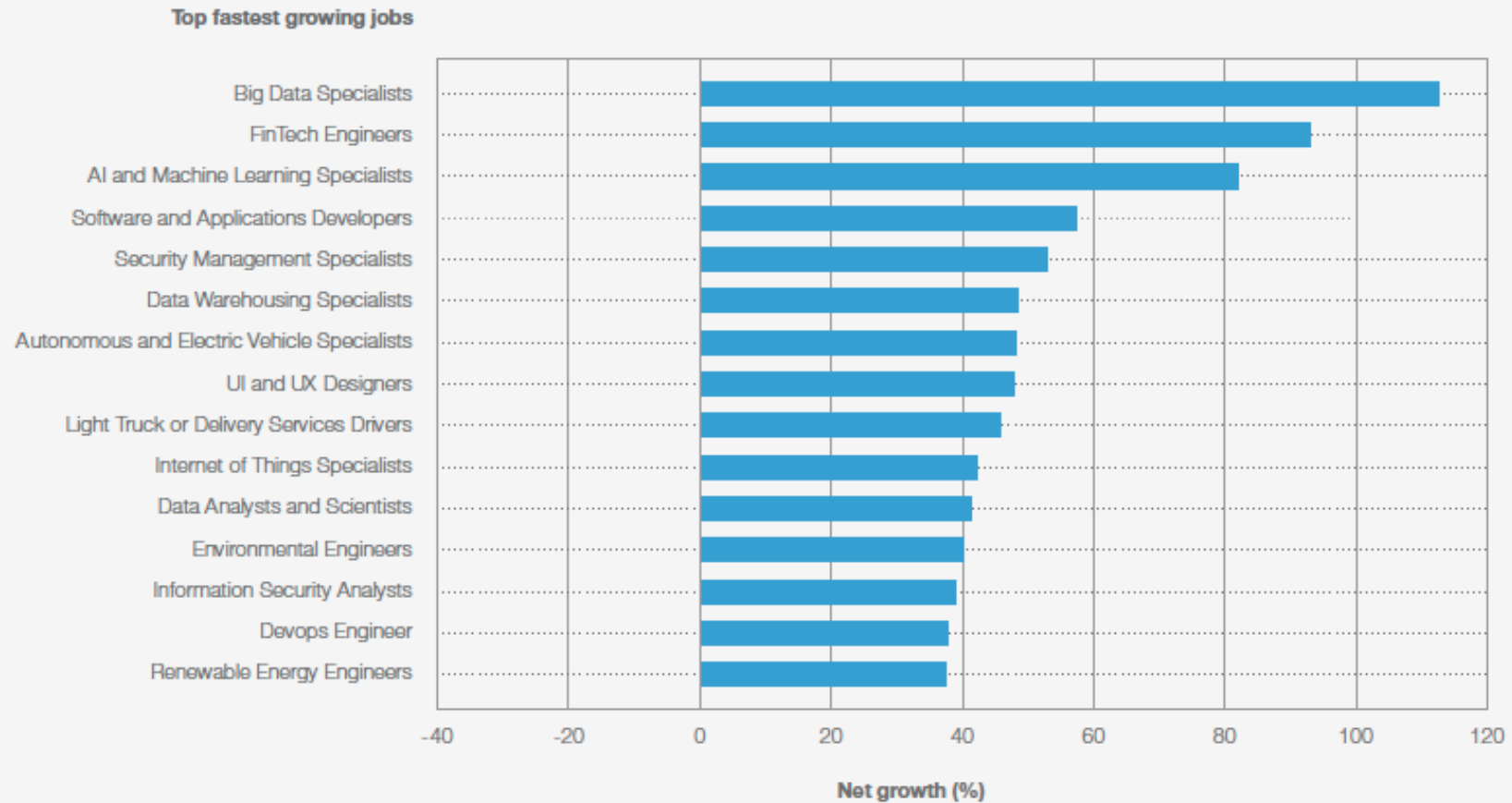
Please refer to the Appendix for the methodology.



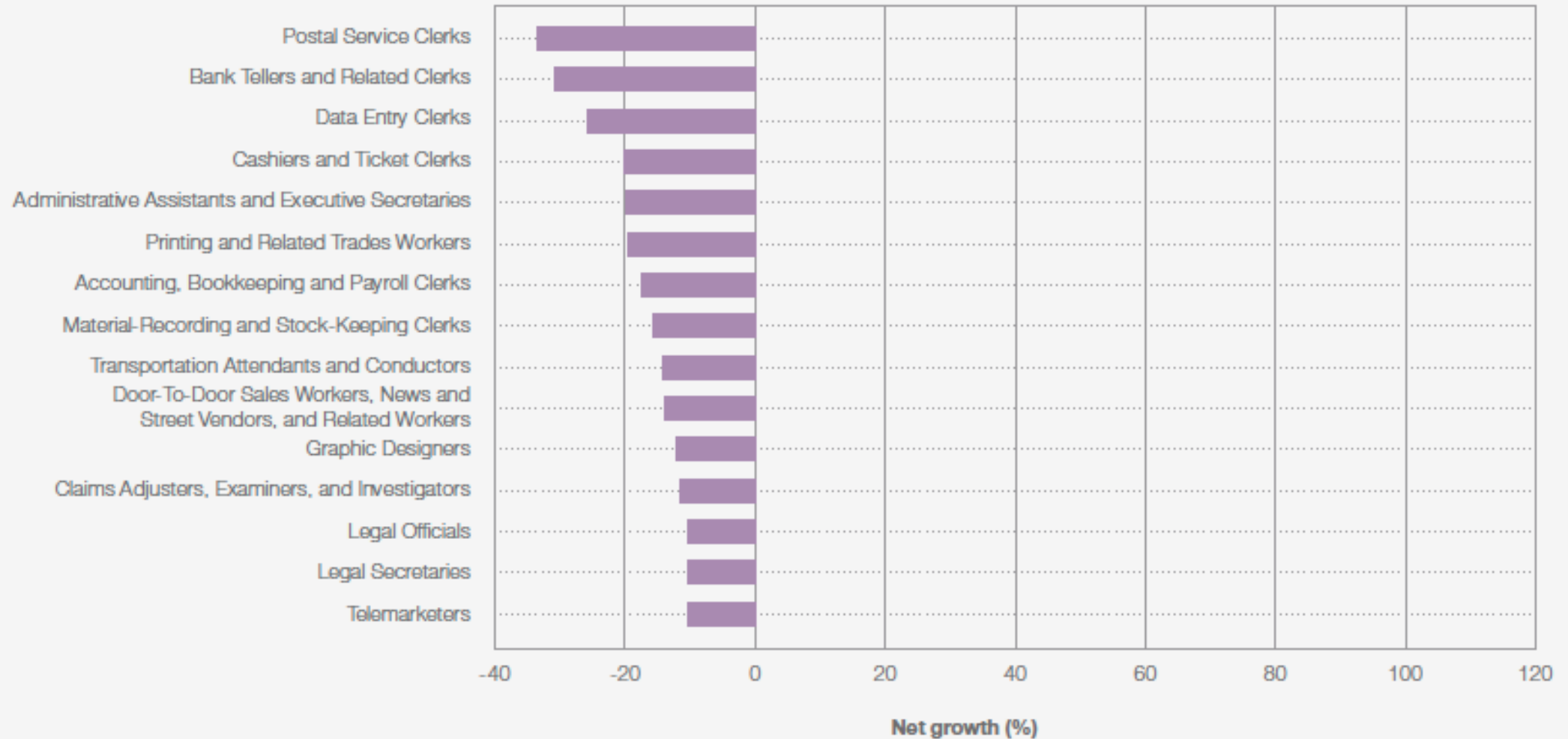
FIGURE 2.2

Fastest-growing and fastest-declining jobs, 2025-2030

Top jobs by fastest net growth and net decline, projected by surveyed employers



Top fastest declining jobs



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*Future of Jobs Report
2025 - World Economic Forum*

1

462









Threads beamt sich zur 1-Million-Nutzer:innen-Marke

Zeitraum, den Online-Dienste gebraucht haben, um eine Million Nutzer:innen zu erreichen



Quellen: Business Insider, Unternehmensangaben



deepseek

100 MIO IN 20
TAGEN

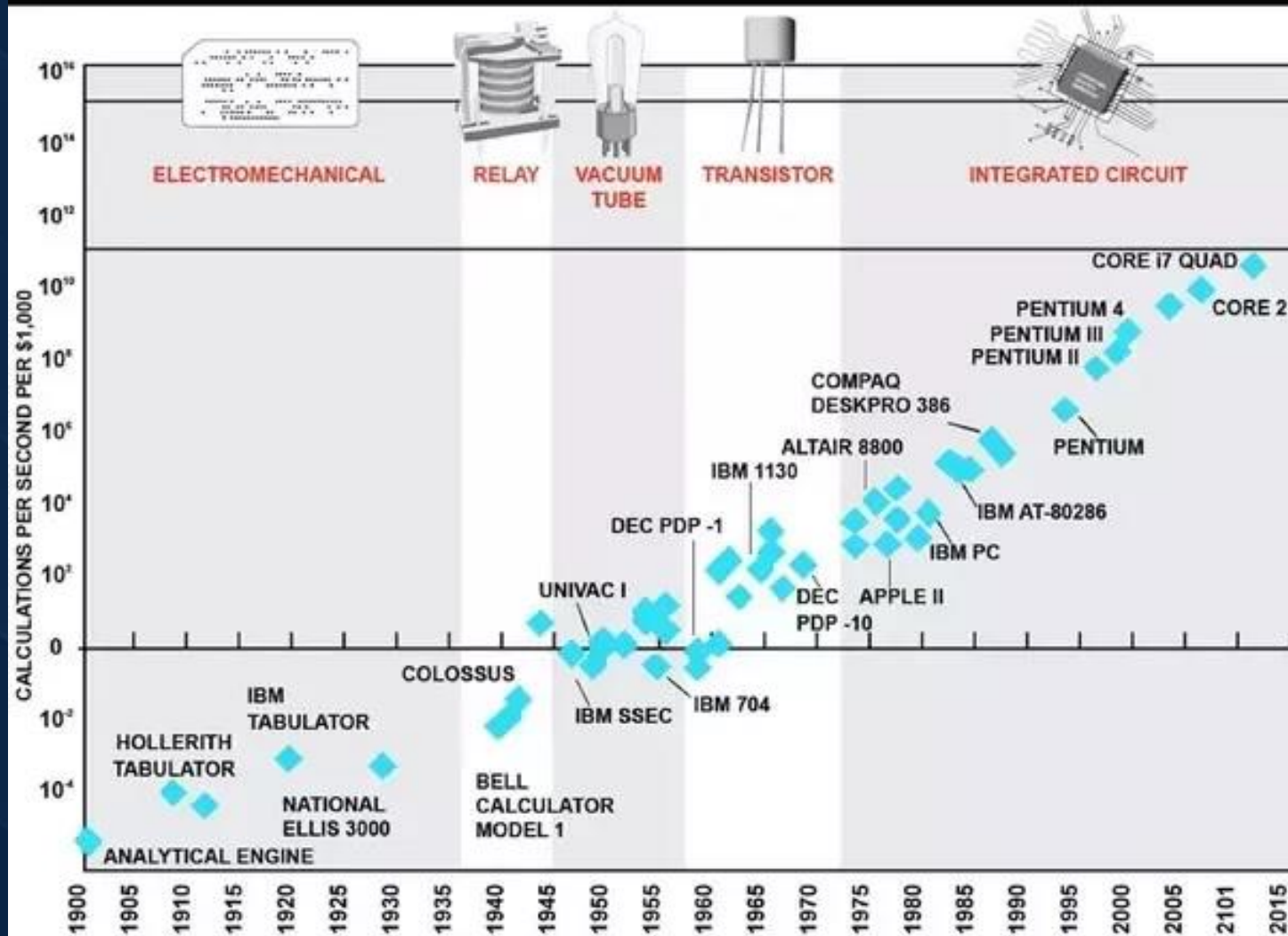


EIN NEUES VERSTÄNDNIS: MOORES LAW



Prof. Michael Schwertel

115 Years of Moore's Law

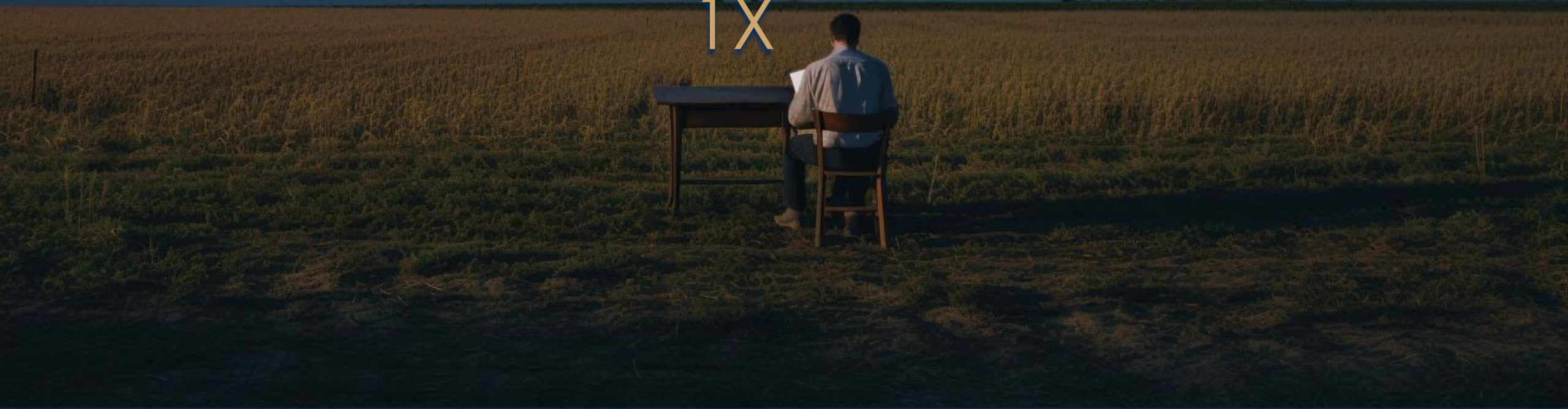


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1X





21X

A diagram illustrating the field of view from the Moon. A large, grey, cratered sphere representing the Moon is in the upper right. A smaller blue and green sphere representing Earth is in the lower left. A wide, yellow, conical beam of light originates from the Earth and extends towards the Moon, representing the field of view. The background is a dark space filled with numerous small white stars.

42X

51X bis zur Sonne

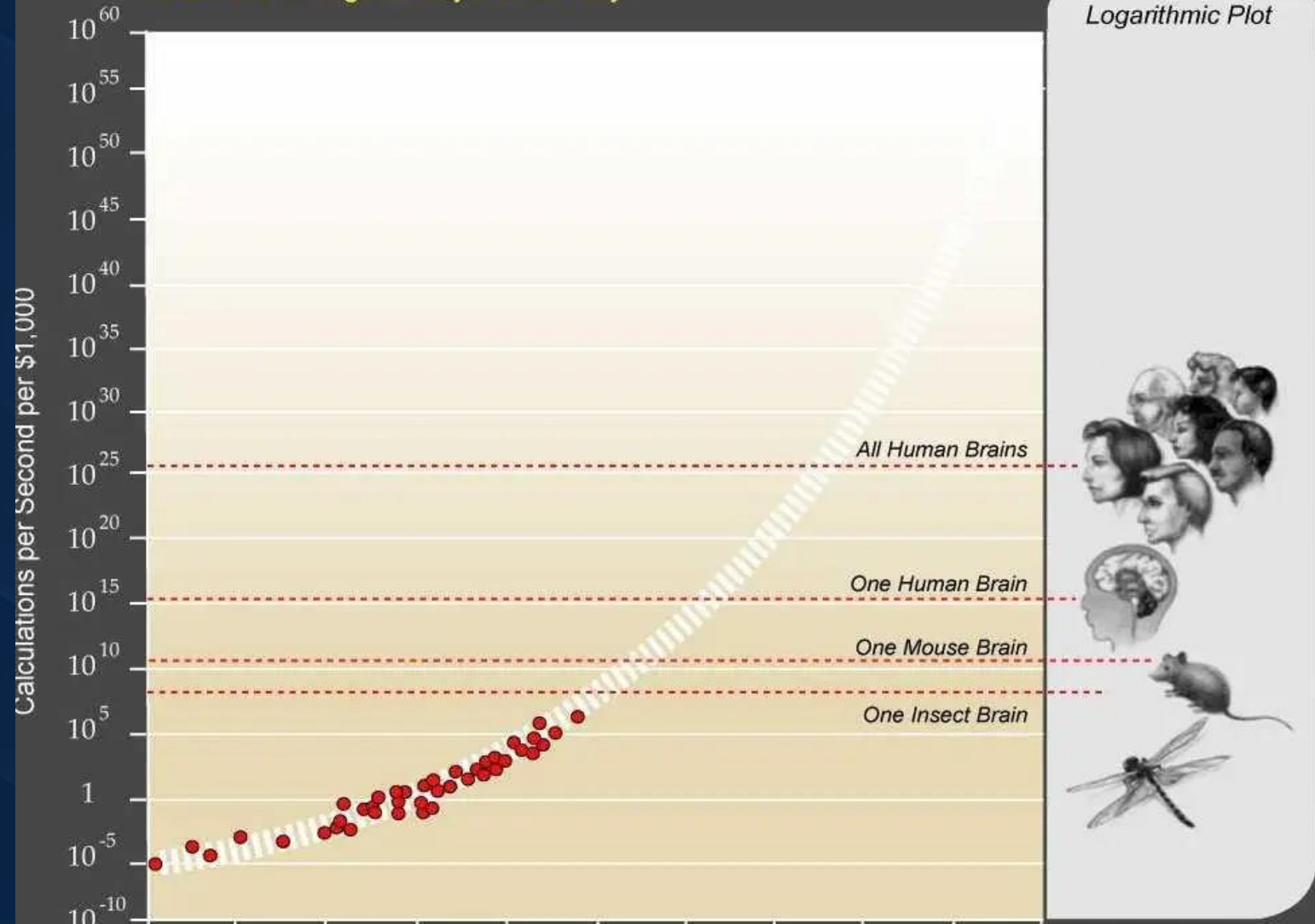
103X bis zum sichtbaren Ende des Universums



Ray Kurzweil

Exponential Growth of Computing

Twentieth through twenty first century

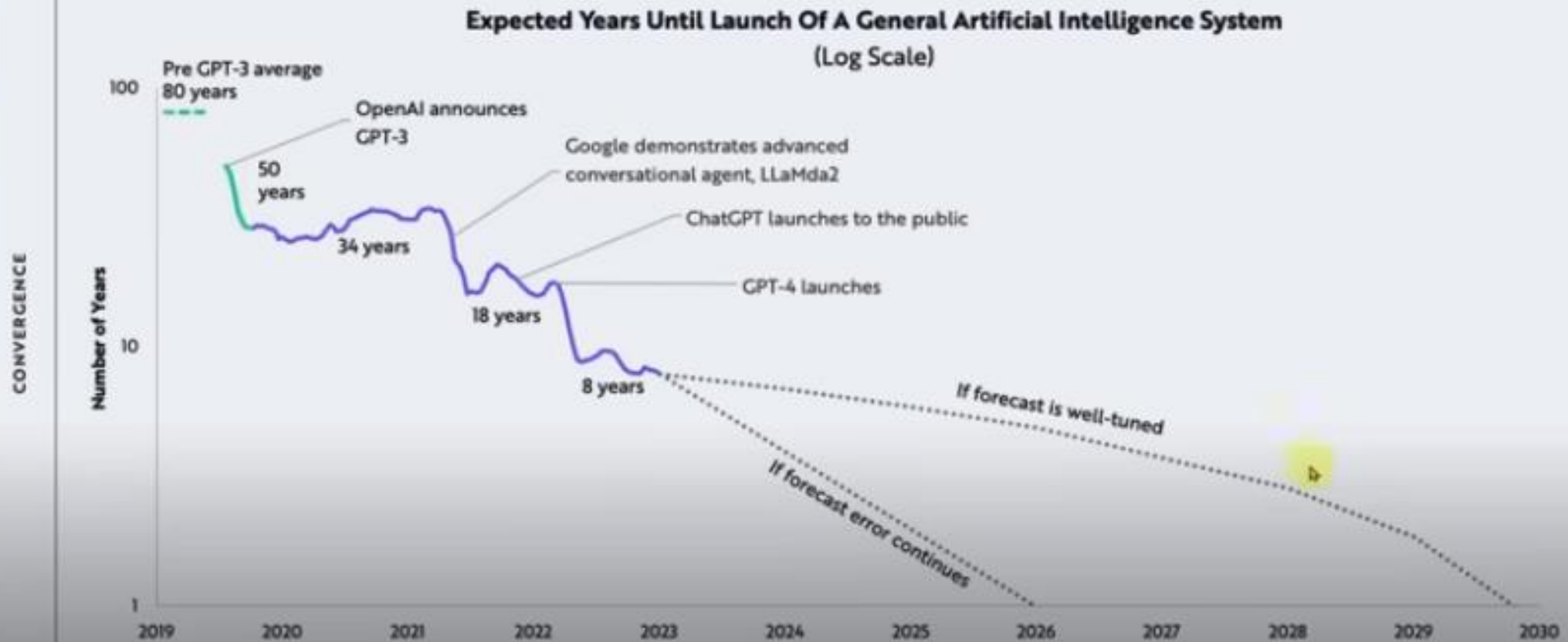


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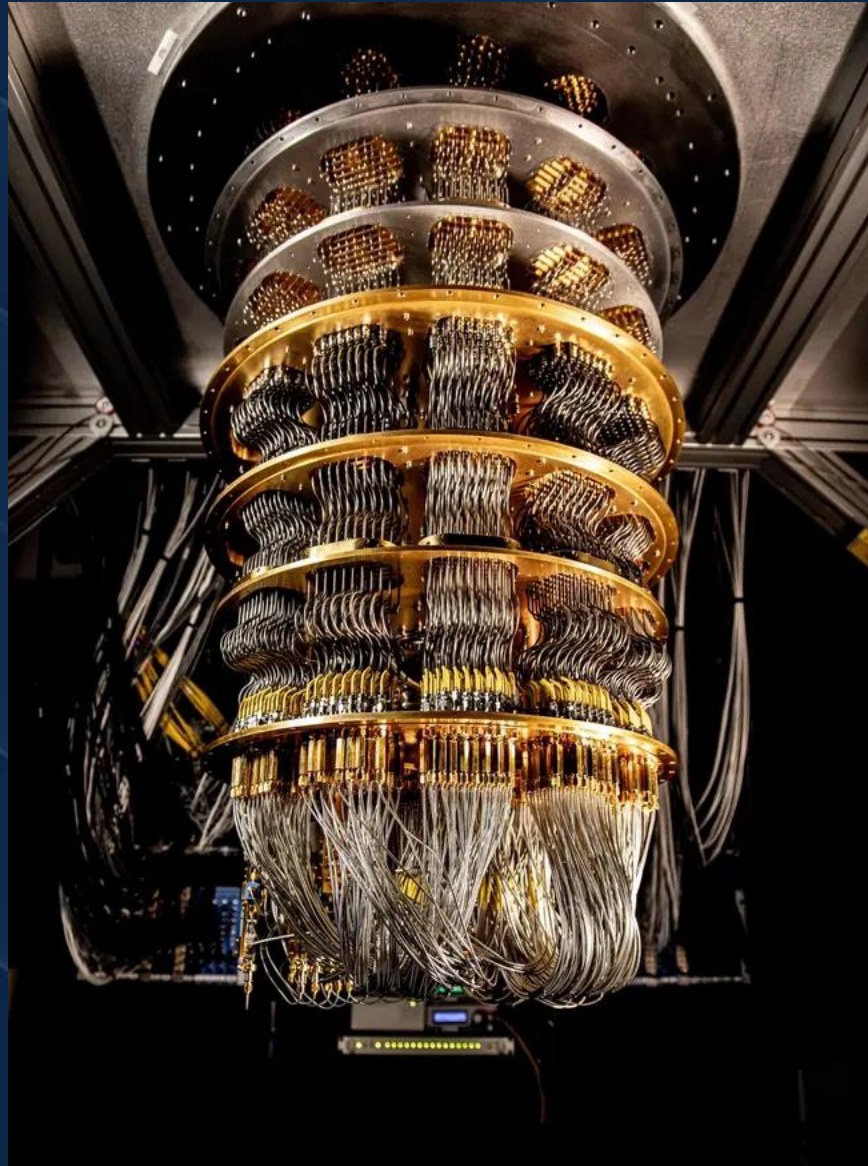
Ray Kurzweil

AI Is Accelerating Faster Than Forecasters Anticipated AGI

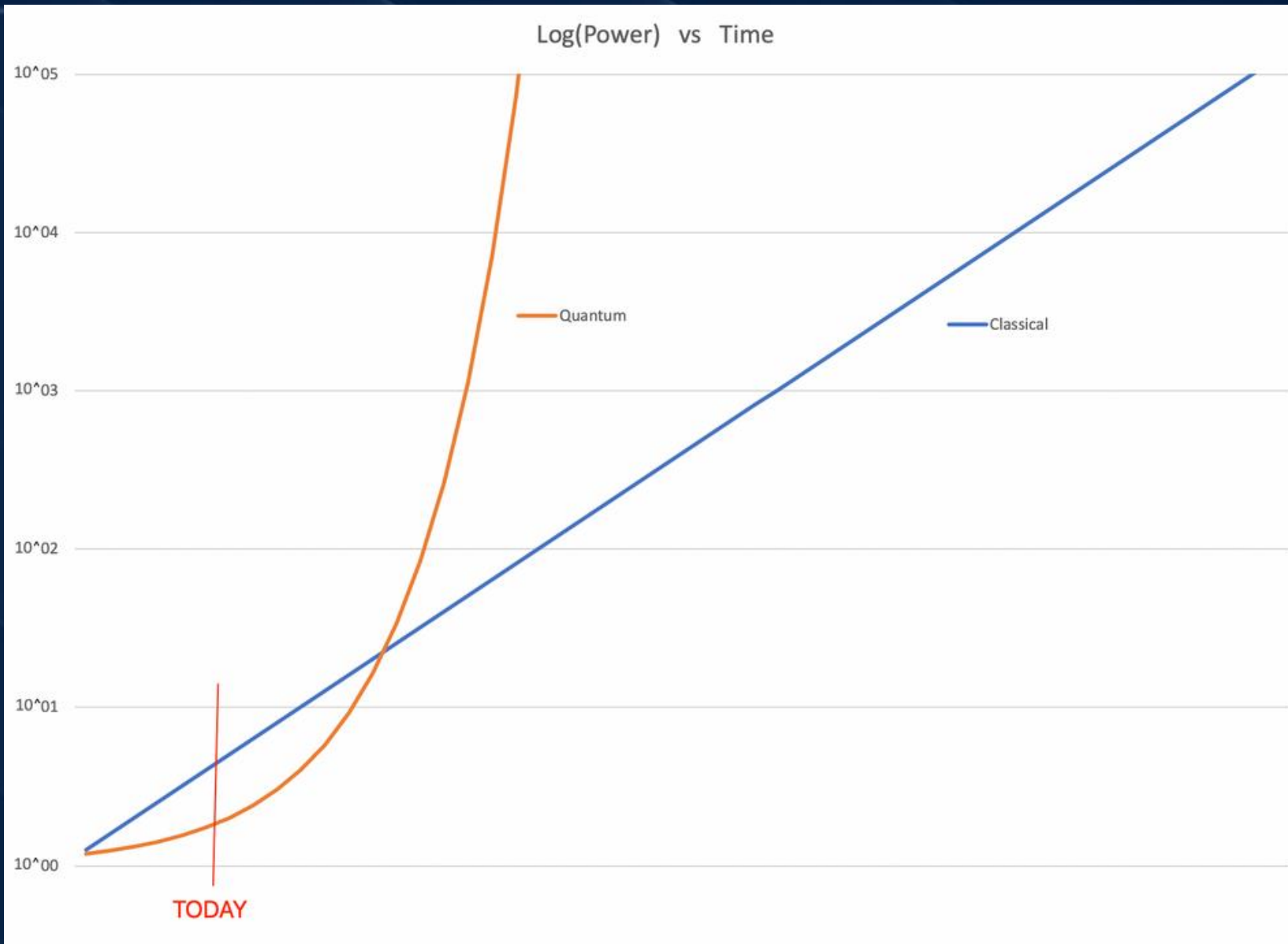


Sources: ARK Investment Management LLC, 2024, based on data from Metaculus, including benchmark details, as of January 1, 2024. Benchmark broadly requires the successful passage of an adversarial two-hour Turing test, broad success on a Q&A knowledge and logic benchmark, and the successful interpretation of and execution complex model car assembly instruction, all within a single system. Green lines are derived estimates for time to general purpose AI (strongly formulated) based upon forecasts for a weaker benchmark. Forecasts are inherently limited and cannot be relied upon. For informational purposes only and should not be considered investment advice or a recommendation to buy, sell, or hold any particular security. Past performance is not indicative of future results.





Google Quantencomputer



Prof. Michael Schwertel



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UNSERE AKTUELLE REALITÄT



Prof. Michael Schwertel



Prof. Michael Schwertel

DIE INNOVATIONEN VON HEUTE



Prof. Michael Schwertel

Midjourney Version Comparison



V1

Released
February 2022



V2

Released
April 12, 2022



V3

Released
July 25, 2022



V4

Released
November 5, 2022



V5

Released
March 15,



V5.1

Released
May 3,



Prof. Michael Schwertel

WAHRNEHMUNG



Prof. Michael Schwertel







à ceux qui ne voient pas
de mieux comprendre le jeu.

BEWEGUNG



Prof. Michael Schwertel











KOGNITIVE UND PSYCHISCHE BEEINTRÄCHTIGUNGEN



Prof. Michael Schwertel

KI TEXT-TOOLS



Prof. Michael Schwertel

GPT-4o

Gemini 2.0

think that GPT-4o is really

 Claude

BY ANTHROPIC

 deepseek

 GROK

 Jasper

 perplexity



HER?



mit chatgpt sprachen lernen

Suchen

Bin ich die einzige die eine zu enge Beziehungen mit KI führt?





+



8341



197



1327



1801



 Deutschland

Dieser Ort wurde in 269.9K aktuellen Beiträgen vo...

michellesdrama · 2024-11-26

dont tell my therapist #michellesdrama #ki #chatgpt

Kommentar hinzufügen ...



mit chat reden

Suchen

Meine Mitbewohnerin redet seit neusten einf mit ChatGPT über ihre Probleme 😭😭😭





+



243.275



2534



20.995



77.815



 Stuttgart

Dieser Ort wurde in 7227 aktuellen Beiträgen vorg...

Die Möhrchen WG 🥕🏠 · 2024-12-7

Am Ende wurde sie gekorbt @chatgpt #chatgpt #wg #wgleben #beziehung... mehr

Suchen · mit chatgpt reden tutoreal

Kommentar hinzufügen ...



Meet our empathic AI voice.

Start Conversation

By starting a conversation, I accept Hume's
[Terms of Use](#) and acknowledge the [Privacy Policy](#).



See it do stuff



Exploiting Adversarial Continual Learning for Voice Pathology Detection

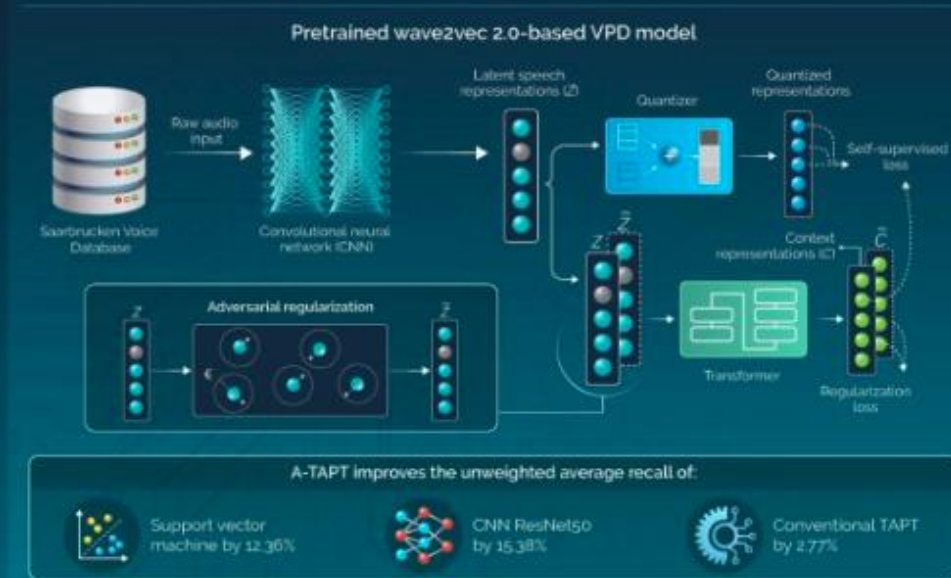
Voice pathology detection (VPD) is a non-invasive way to detect problems related to abnormal vibrations in the vocal cords



Machine learning methods achieve good VPD performance, but pretrained models to boost them suffer from overfitting



Adversarial task adaptive pretraining (A-TAPT)-based continual learning



A-TAPT solves the overfitting problem associated with pretrained models, with applications in healthcare diagnostics and voice authentication

Infographic: Exploiting adversarial continual learning for voice pathology detection (VPD)

Image source: Gwangju Institute of Science and Technology

News • Voice pathology detection

Detecting cancer from voice samples: improving the VPD method



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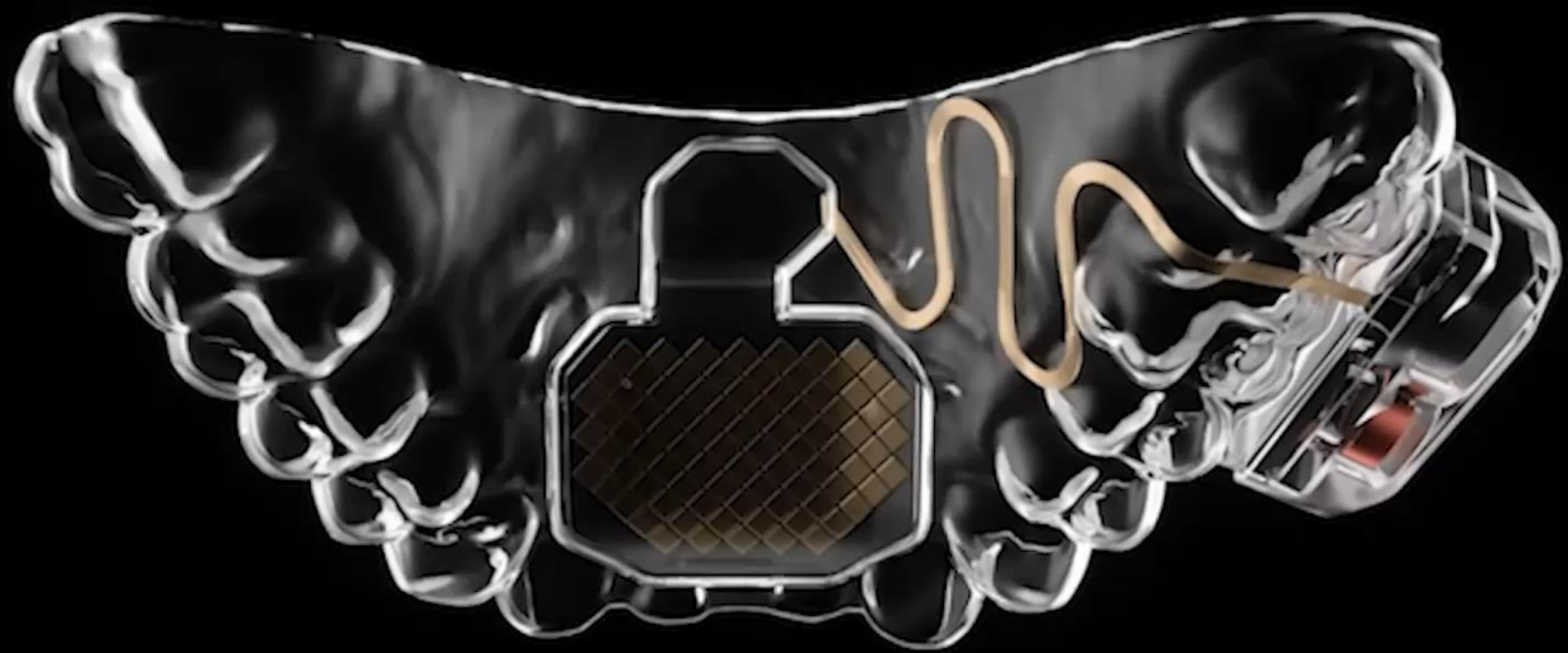
SPRACH- UND KOMMUNIKATIONSBEEINTRÄCHTIGUNG



Prof. Michael Schwertel

attn:

I myself lost hearing



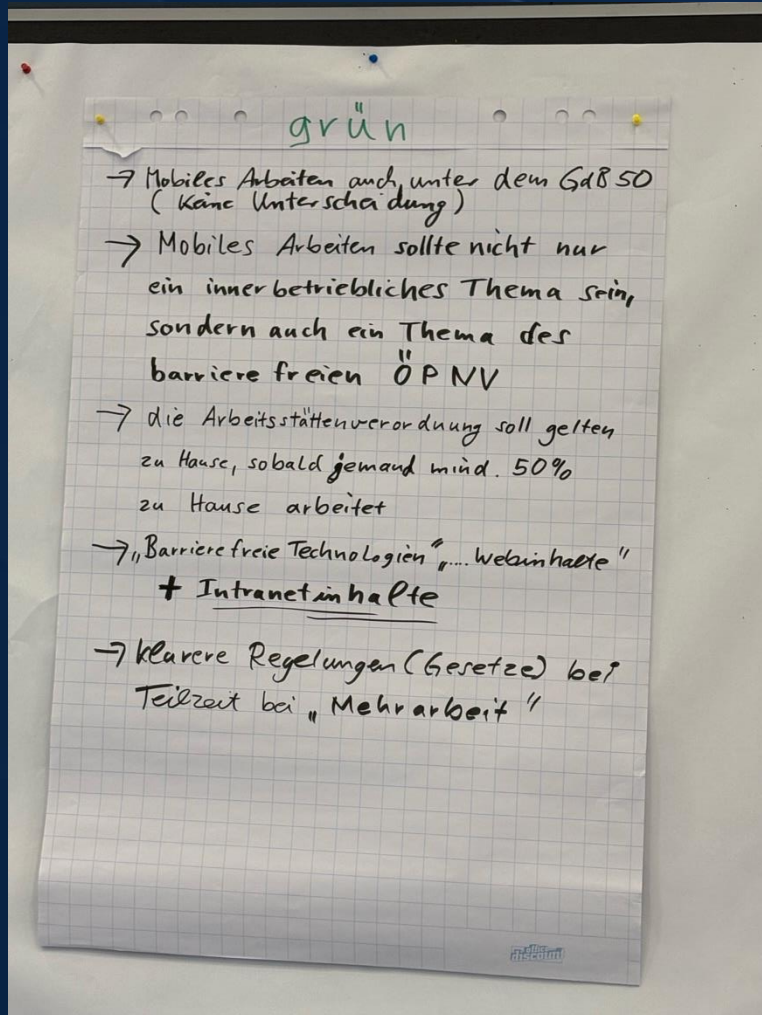


KI SPRACH-TOOLS



Prof. Michael Schwertel

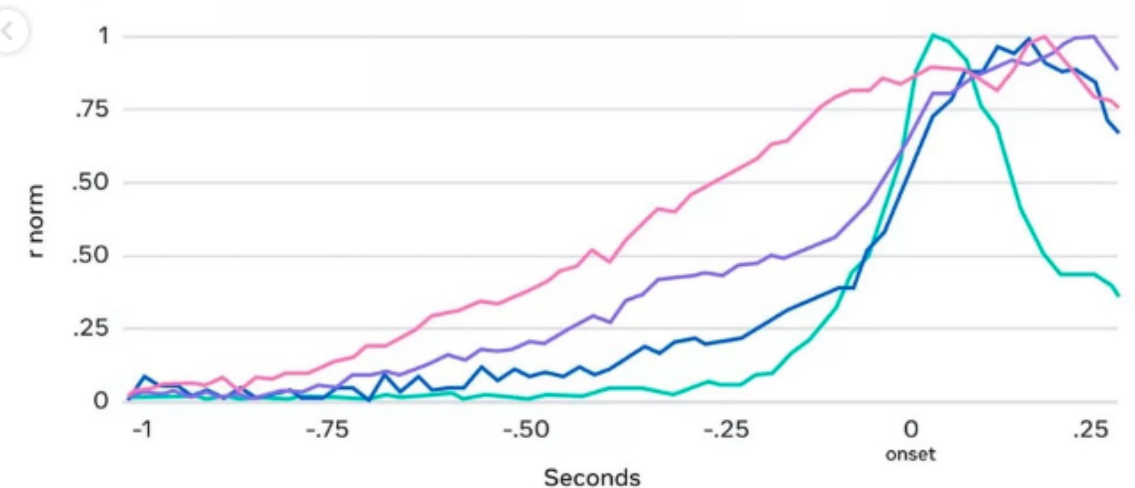
Grüne Gruppe





Meta has achieved major breakthroughs in understanding human intelligence with AI models that decode brain signals to reconstruct typed sentences and map how thoughts become language. Two studies demonstrate these advancements, offering insights into non-invasive brain-computer interfaces and the neural mechanics of communication.

The brain generates a hierarchy of linguistic representations before typing each word



Presented Images



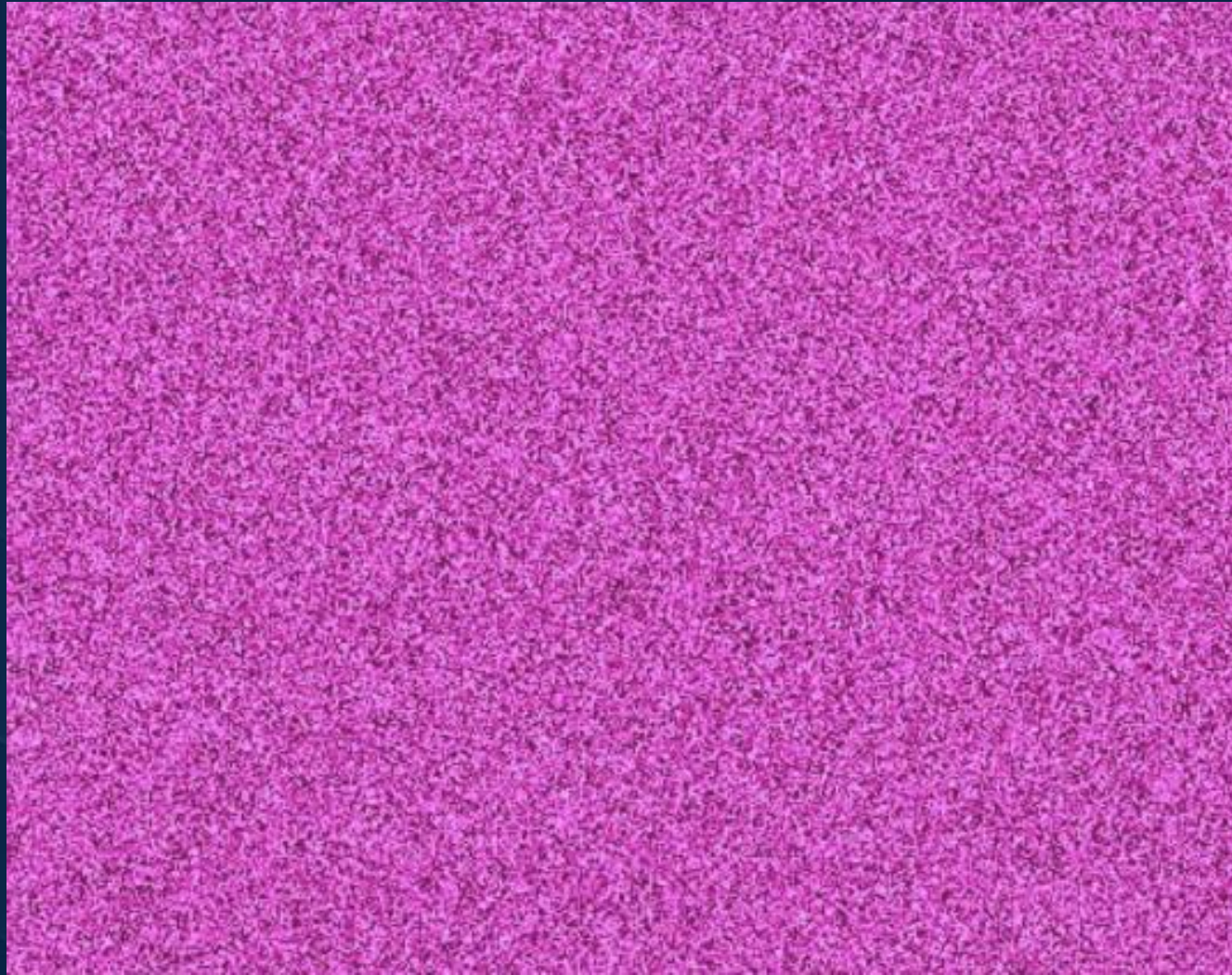
Reconstructed Images











Prof. Michael Schwertel



THE FUTURE WITH AI:

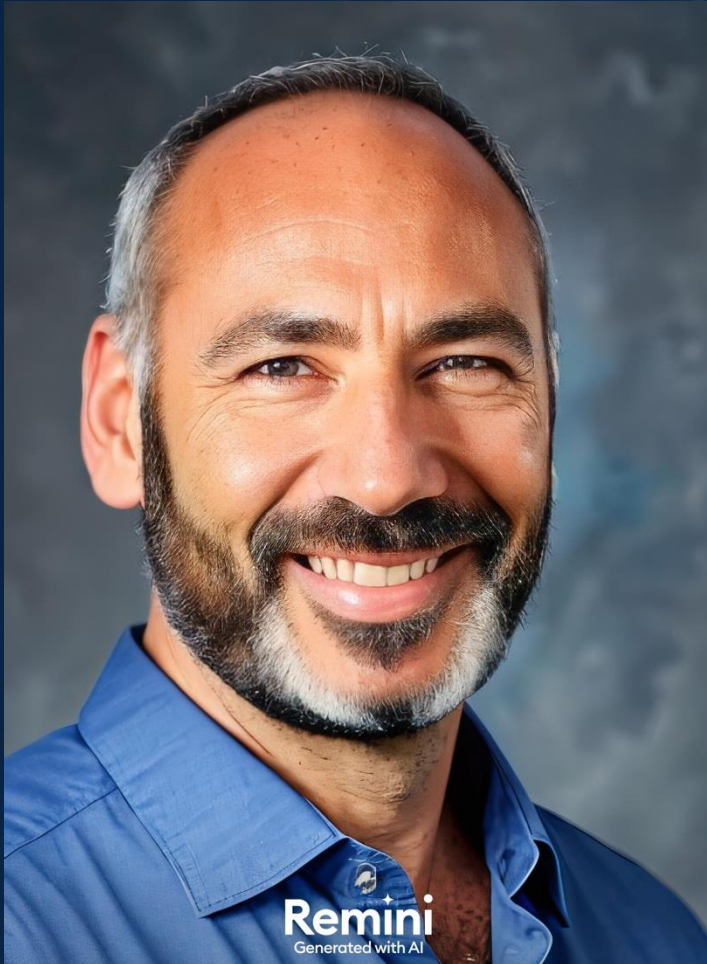
Risken, ja!
Aber auch riesige Chancen!

- Offenheit / Akzeptanz
- Lernbereitschaft
- Kritische Beobachtung



DAS GRÖSSTE RISIKO VON KI
IST NICHT DIE TECHNOLOGIE SELBST,
SONDERN DIE VERPASSTE CHANCE,
SIE ZU UNSEREM VORTEIL ZU NUTZEN.





Prof. Michael Schwertel
www.michael-schwertel.de



Prof. Michael Schwertel

