

Herzlich willkommen

zum

Industrietag 2026

Partner Industrietag ²⁰²⁶



Industrietag 2026

Wettbewerbsfähig produzieren

Menschen. Prozesse. Kosten

Partner Industrietag ²⁰²⁶

QR-Code scannen – Ihre spontanen Gedanken teilen



Wettbewerbsfähig produzieren
& Künstliche Intelligenz –
Was kommt Ihnen dazu spontan
in den Sinn?

Wettbewerbsfähig wird, was im Betrieb wirkt.



Mag.ª Doris Hummer
Präsidentin der WKÖÖ



KommR Mag. Erich Frommwald
Obmann der WKÖÖ sparte.industrie

Produktion im KI Zeitalter – Wie wir die Wettbewerbsfähigkeit in die Unternehmen bringen



Daniel Naeff
AI Center ETH Zürich

QR-Code scannen und Fragen via Slido stellen



Wer heute den Veränderungsprozess nicht
angeht, setzt morgen alles aufs Spiel.

Industrietag 2026

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Industrietag 2026



ETH AI CENTER

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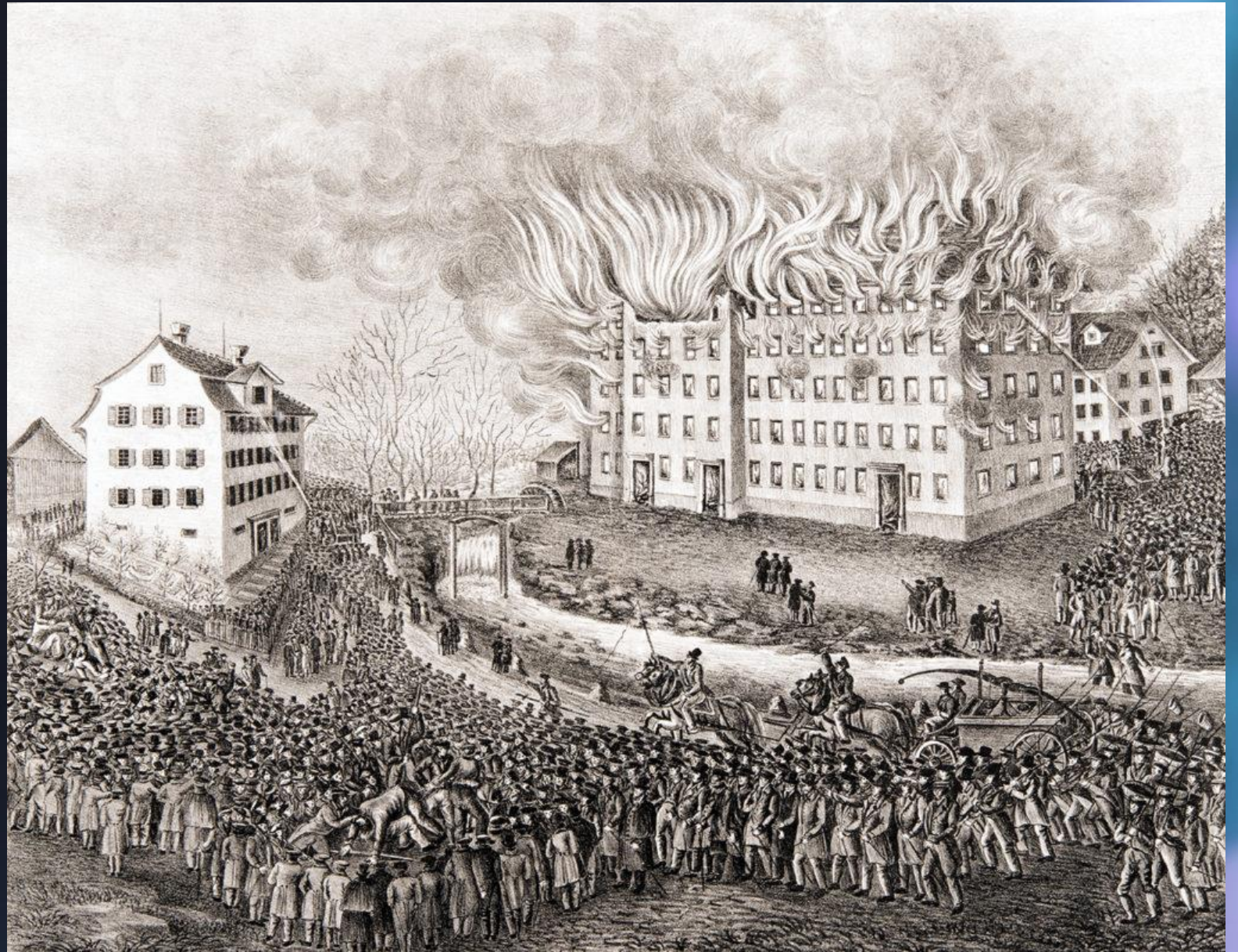
Industrietag 2026



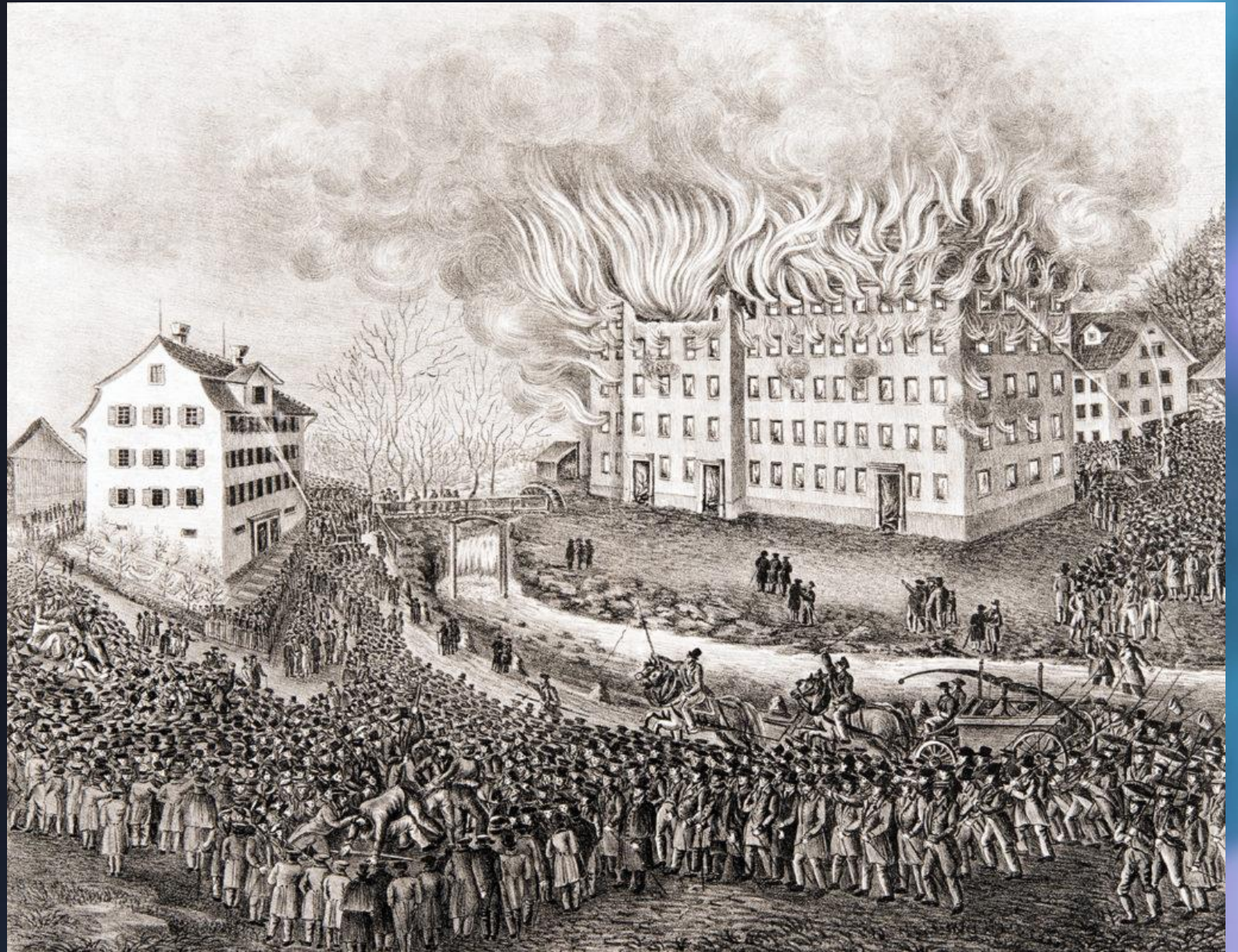
ETH AI CENTER



**Jenseits von Wertschöpfungsketten:
KI denken in Ökosystemen**



Brand von Uster (1832)



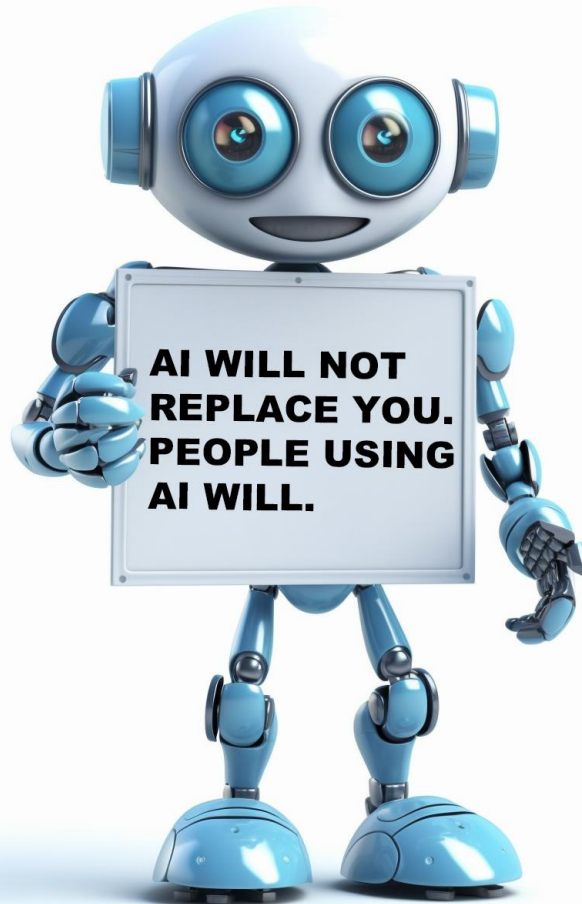
Source: Wikipedia / Usterbrand



Bündner Autoverbot (1900-1925)

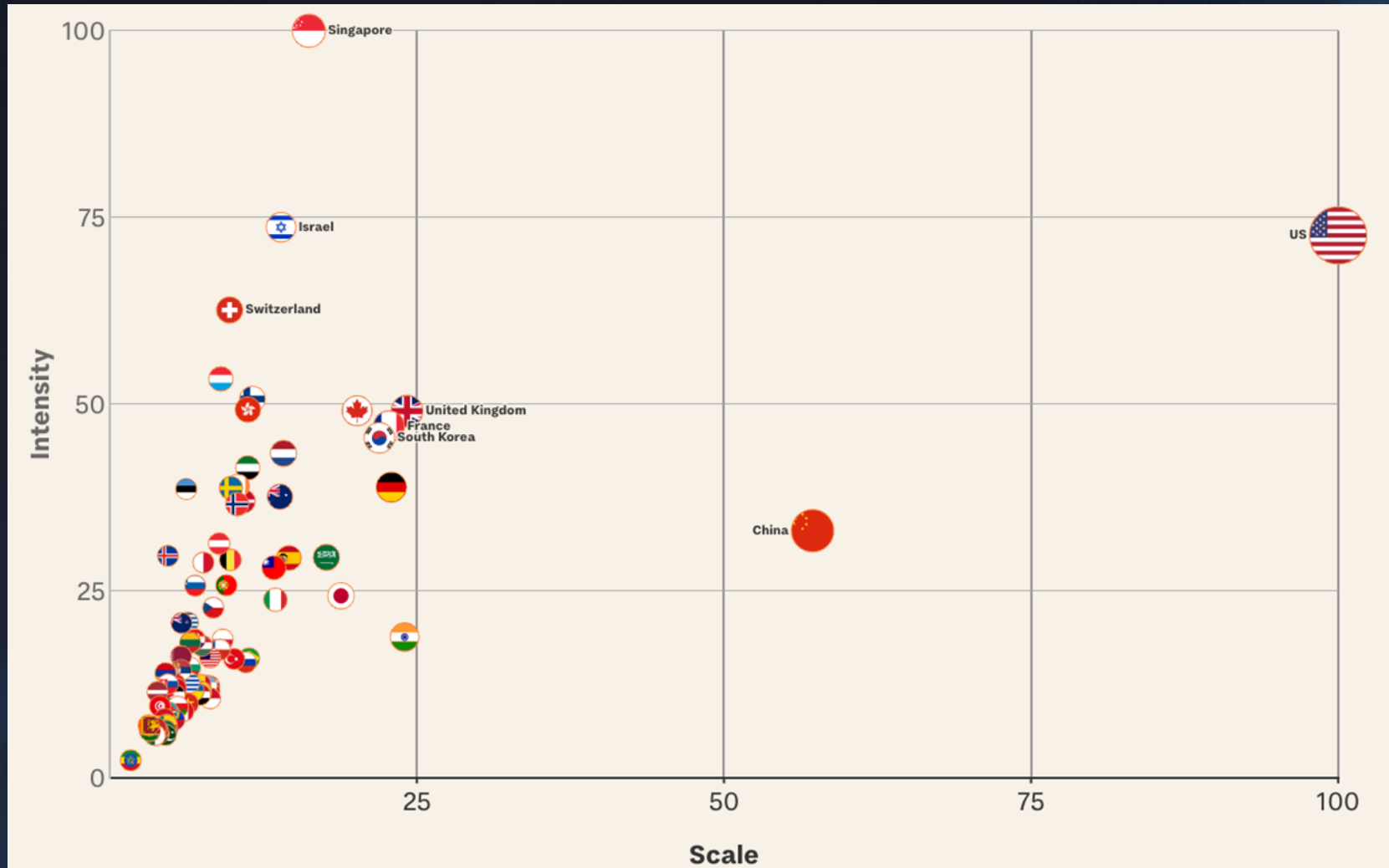


Source: Wikipedia / Stadtarchiv Chur



**AI WILL NOT
REPLACE YOU.
PEOPLE USING
AI WILL.**

National AI Capacity

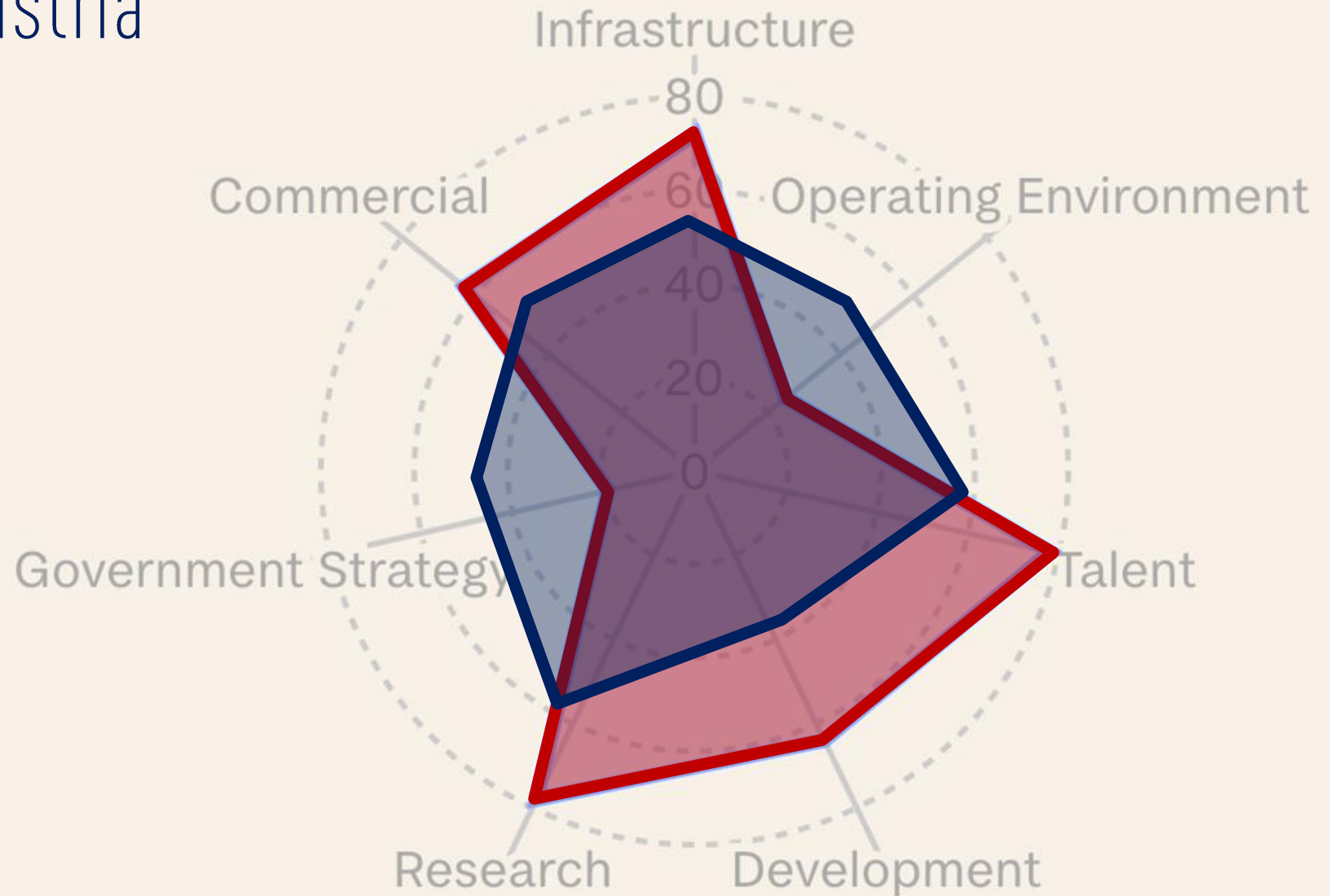


Source: Tortoisemedia (2024)

Position of Switzerland



Position of Austria



Linz

London

Munich

?

Paris

Singapore

San Francisco

Amsterdam

Linz

London

Munich

Official Mistral AI Offices

Source: <https://www.emmi.ai/news/mistral-ai-acquires-emmi-ai>

Paris

Singapore

San Francisco

Amsterdam

AI Competence Buildup



AI Competence Buildup



- Starting point: Digitization & data access (availability of digital infrastructure)
 - Very different for players (e.g. manufacturing vs. financial industry)

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 - Very different for players (e.g. manufacturing vs. financial industry)



Never been easier to catch up with AI assisted digitization, documentation & process optimization!

Automated Workflow Digitalization



Contextual Guidance



Real-Time Task Verification



Automatic Work Documentation



AI Competence Buildup



- Starting point: Digitization & data access (availability of digital infrastructure)
 - Very different for players (e.g. manufacturing vs. financial industry)
- Know-how accumulation, market observation
- Startup speedboats (make <> buy)
- Talent access (war for talents will further increase)
- Culture (“[...] eats strategy for breakfast”, P.F. Drucker)
 - Entrepreneurial mindset (willingness to fail forward -> ‘sandbox’)
 - Acceptance & support from workforce

Who is building AI?

Who is building AI?

Closed

Open-AI US

Anthropic US

Google US

xAI US

Mistral FR

Share outputs.

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Share outputs.

Open-Weight

Meta (Llama) US
DeepSeek CN
Alibaba (Qwen) CN
Moonshot (Kimi) CN
Google (Gemma) US
Z.AI (GLM) CN
Mistral FR

Share the model weights.

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Closed

Open-AI **US**
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Share outputs.

Open-Weight

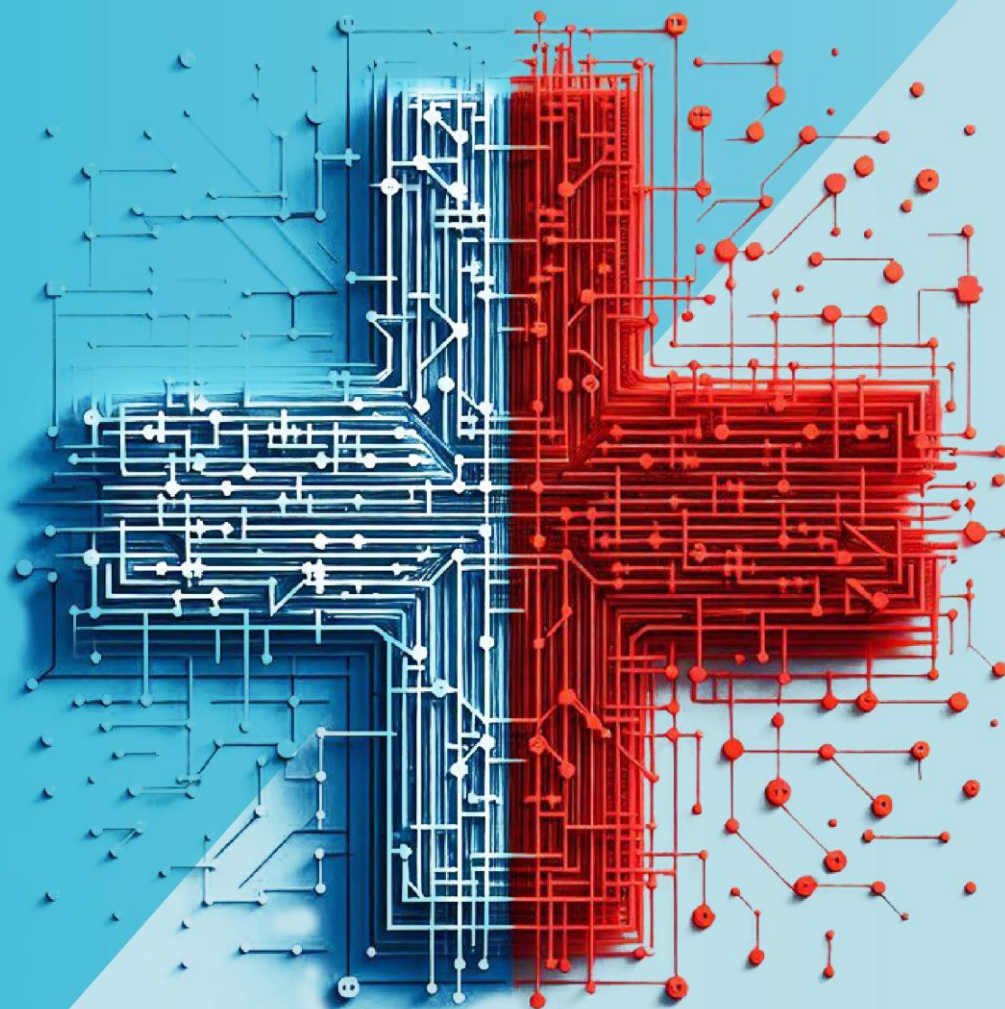
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Google (Gemma) **US**
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Mistral **FR**

Share the model weights.

Fully Open

Swiss AI (Apertus) **CH** 🏛️
AI2 (Olmo) **US** 🏛️
OpenEuroLLM **EU** 🏛️
EuroLLM **EU** 🏛️
AI Singapore (SEA-LION) **SG** 🏛️
(many smaller ones)

Share everything.

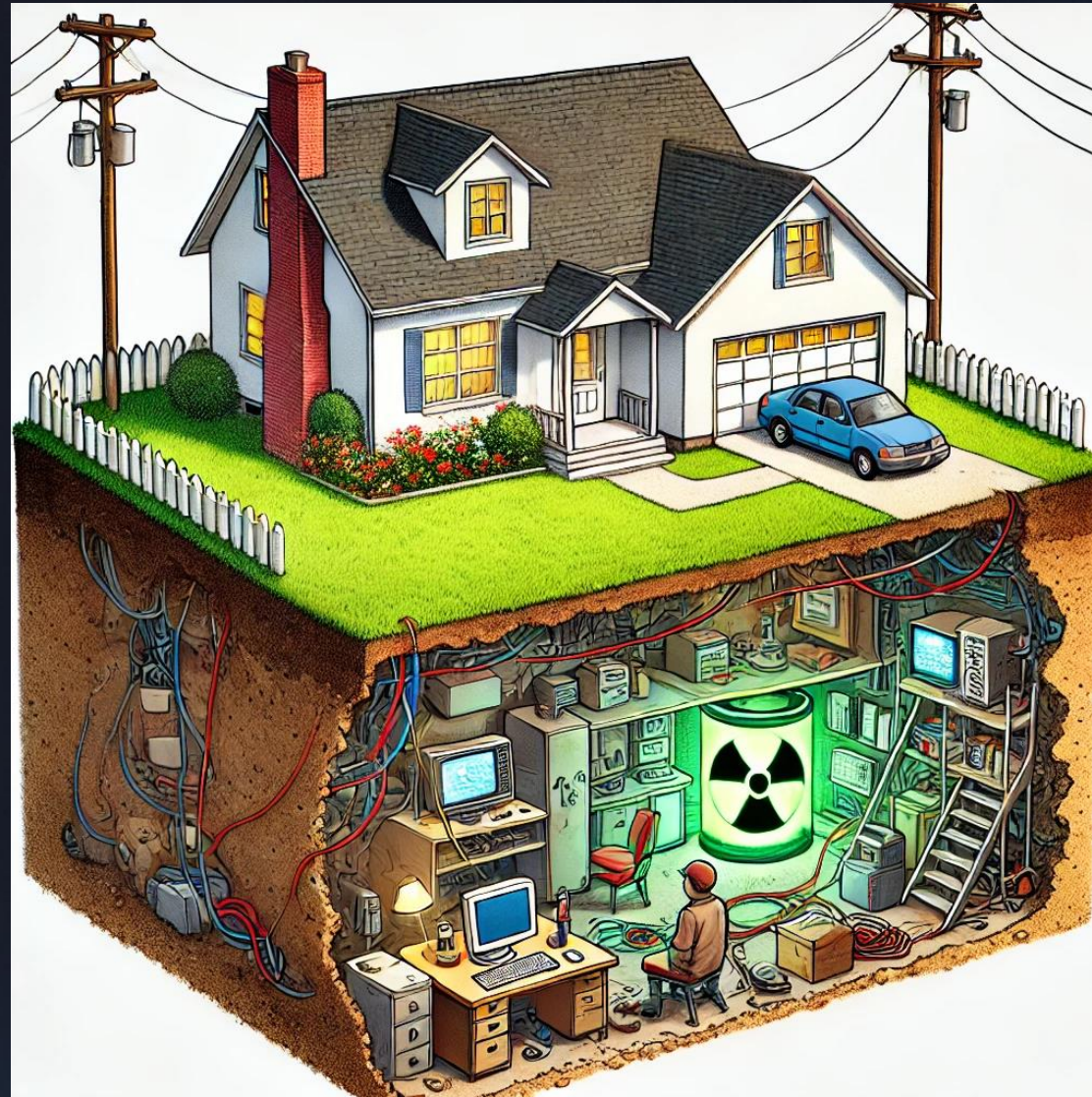


APERTVS

EPFL

ETH zürich

 CSCS

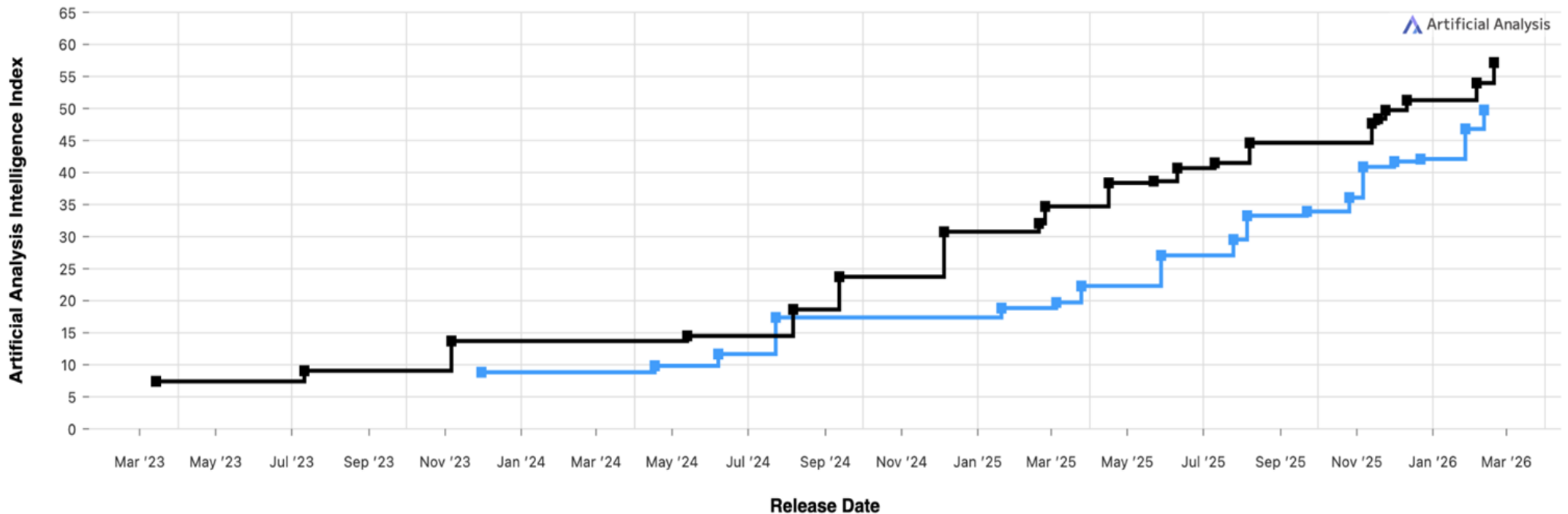


Open Models are catching up

Progress in Open Weights vs. Proprietary Intelligence

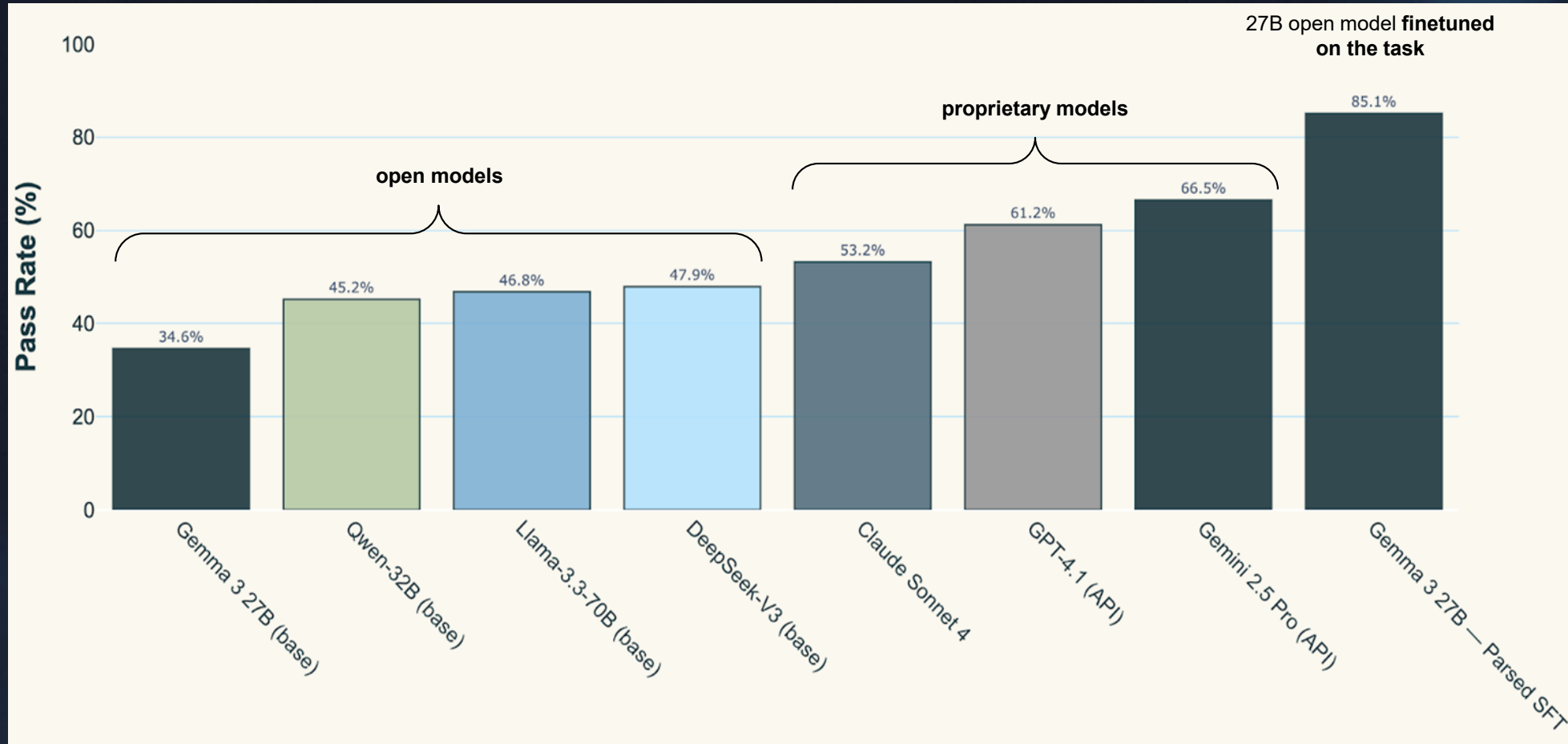
Artificial Analysis Intelligence Index v4.0 incorporates 10 evaluations: GDPval-AA, τ^2 -Bench Telecom, Terminal-Bench Hard, SciCode, AA-LCR, AA-Omniscience, IFBench, Humanity's Last Exam, GPQA Diamond, CritPt

■ Open Weights ■ Proprietary



Source: artificialanalysis.ai/models/open-source

Extracting Value from Open LLMs



Source: <https://www.together.ai/blog/fine-tune-small-open-source-llms-outperform-closed-models>



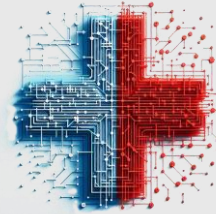
AI keeps leaving the screen: Physical AI



Source: [CGTN, Youtube](#)



Courtesy: Group Prof. Mabitdt, ETH Zurich



AI keeps leaving the screen: Physical AI

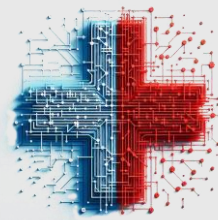
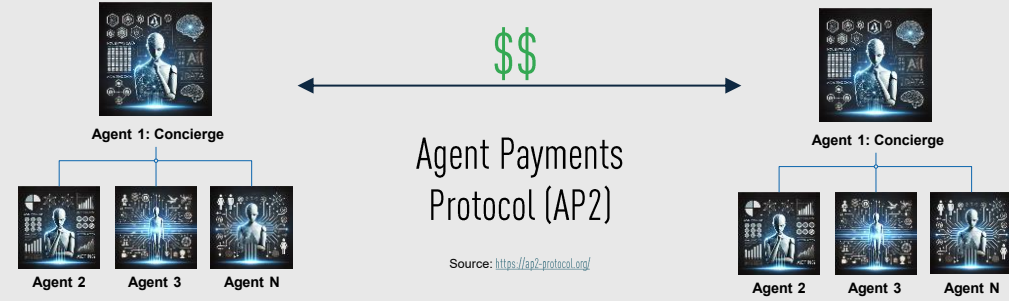


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Courtesy: Group Prof. Mabeldt, ETH Zurich

Cambrian explosion: AI Agents with AP2



AI keeps leaving the screen: Physical AI

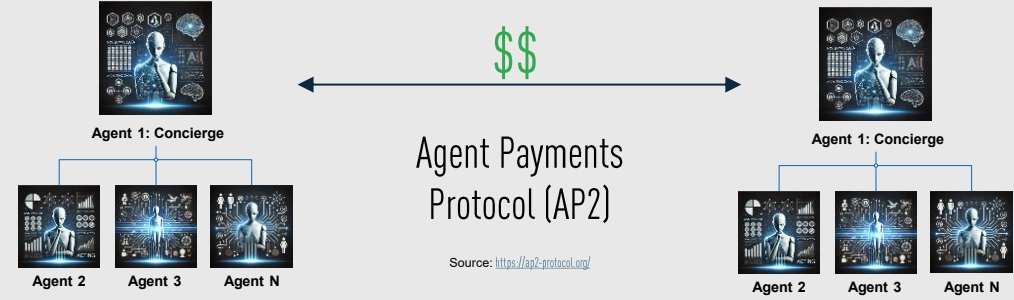


Source: [CGTN, Youtube](#)



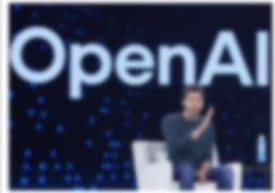
Courtesy: Group Prof. Mabitdt, ETH Zurich

Cambrian explosion: AI Agents with AP2



Disrupting industry by industry: New killer FMs

Technology | AI
OpenAI Looks to Replace the Drudgery of Junior Bankers' Workload



The project underscores the urgency at San Antonio's OpenAI to make its technology more useful to businesses. Photographer: Austin Sullivan/Getty Images

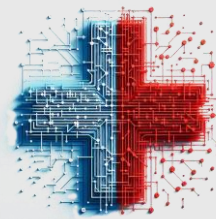
Source: [Bloomberg](#)

Advancing Claude for Financial Services



We're expanding Claude for Financial Services with an Excel add-in.

Source: [Anthropic](#)



AI keeps leaving the screen: Physical AI

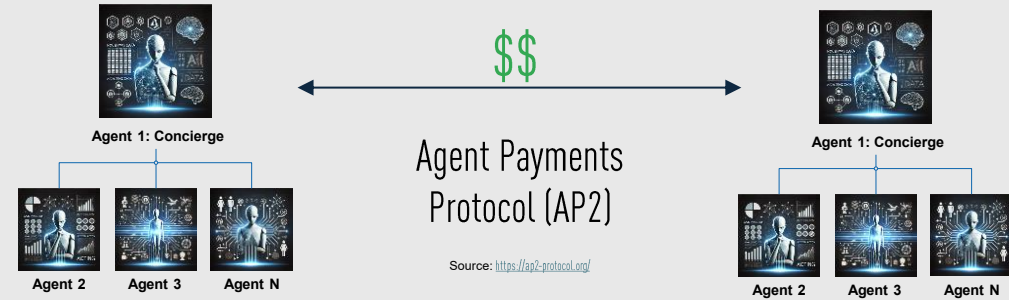


Source: CGTN, Youtube



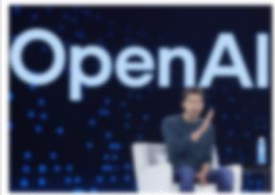
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Cambrian explosion: AI Agents with AP2



Disrupting industry by industry: New killer FMs

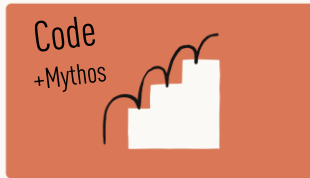
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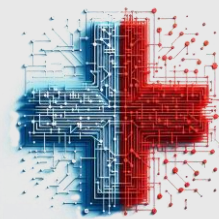
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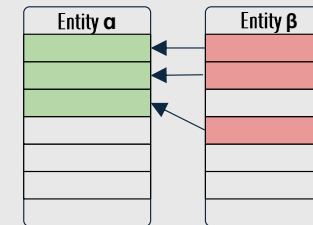


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Source: Anthropic



Backbone of economy: AI upskilled SMEs



- Risks to wait > Risks to fail ROI
- By-product: upskilled workforce
- **No upskilling = No survival**

Shifts in tasks, margins/market shares, GDP

AI keeps leaving the screen: Physical AI

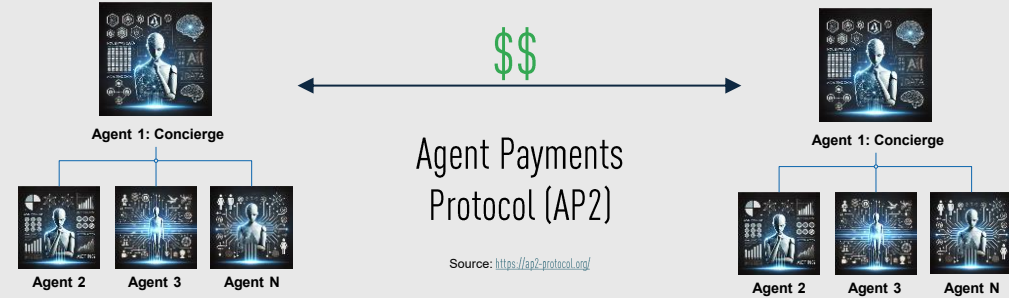


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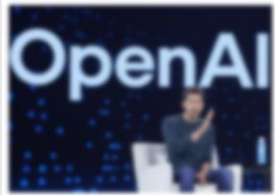
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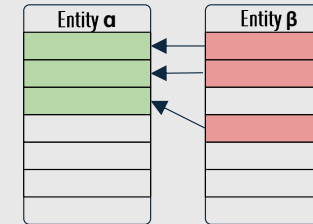


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Counting on Education: AI+Edu = Δ_T Bedrock



- from first grade
- via dual education system
- to re-integration and lifelong learning



Ethel as virtual tutor/pedagogical assistant & grader for TAs

For more information, see: [Ethel, ETH Zurich](#)

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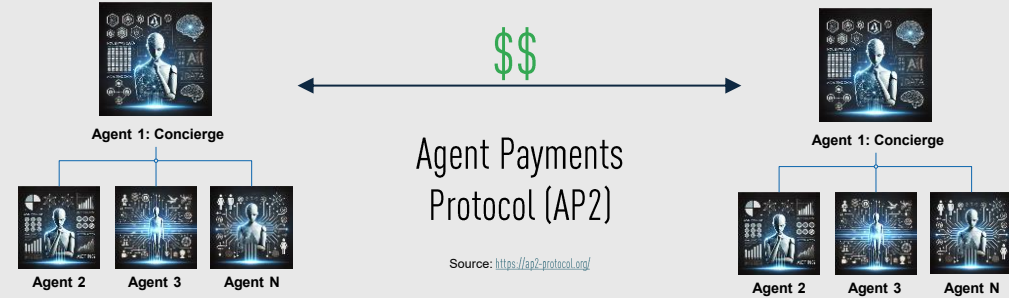


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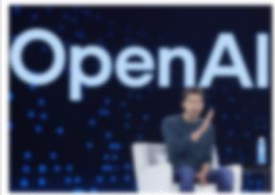
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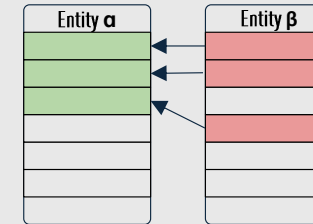


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Supercharging application areas: AI+Quantum

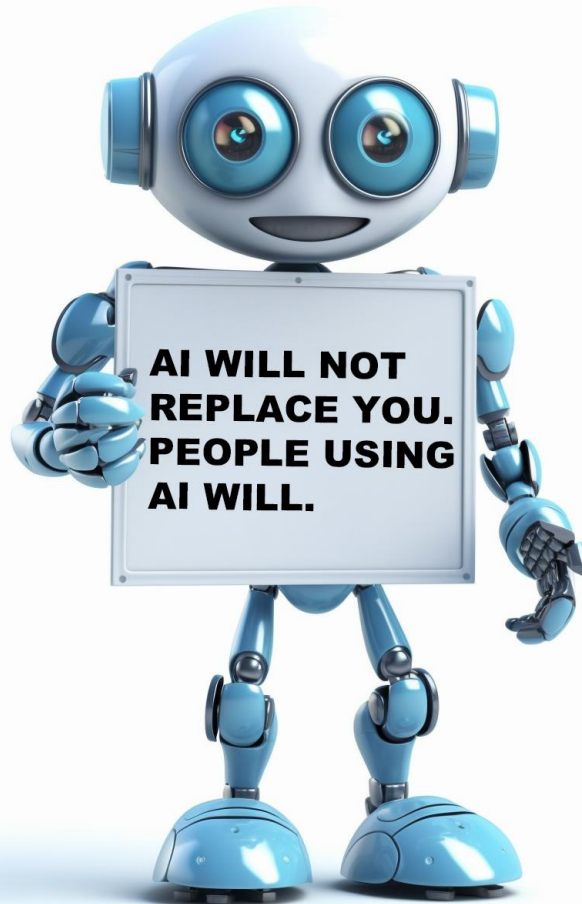
Autonomous Systems, Logistics, Comms



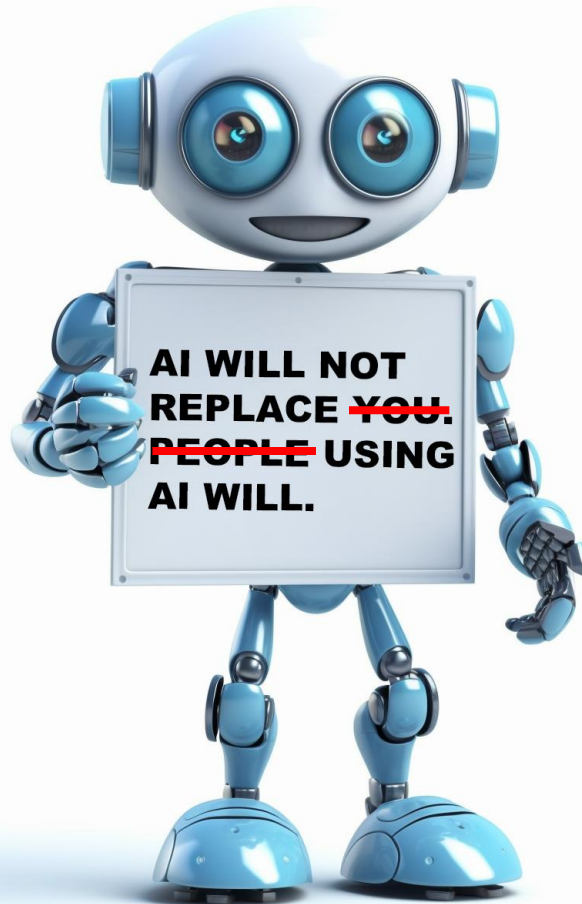
AI Helps advance quantum algorithms, stability, error correction, scaling solutions...

QC Enables condensed models, smaller yet more powerful devices, hybrid systems...

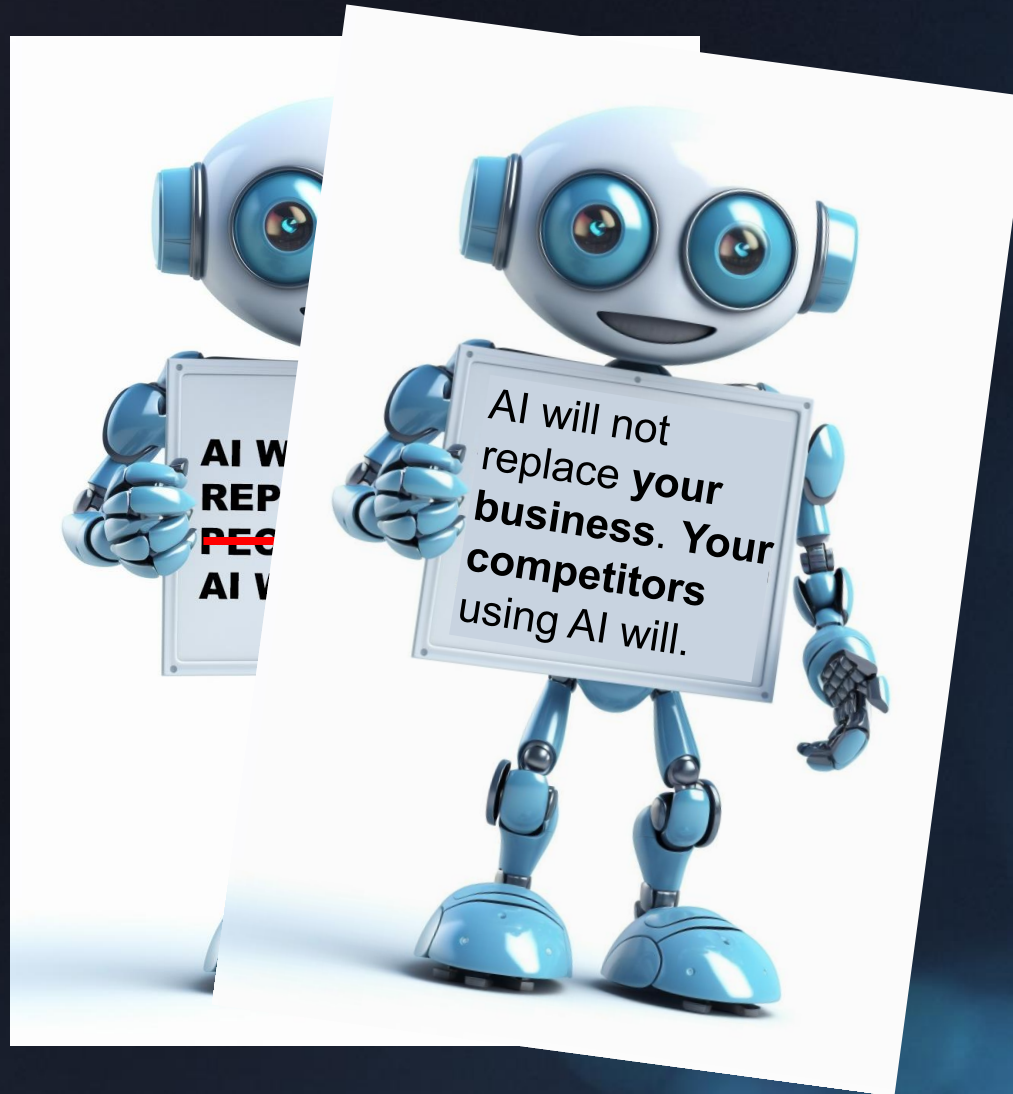




**AI WILL NOT
REPLACE YOU.
PEOPLE USING
AI WILL.**



AI WILL NOT
REPLACE ~~YOU.~~
~~PEOPLE~~ USING
AI WILL.



“It is not the strongest of the species that survive,
nor the most intelligent, but the one
most responsive to change.”



Daniel Naeff



<https://linkedin.com/in/naeff>

Club-Debatte „Der Maschinenraum“

Europa im KI Zeitalter – Menschen.Prozesse.Kosten powered by Energie AG

Europa gewinnt,
wenn KI im
Unternehmen
wirkt.

QR-Code scannen und Fragen via Slido stellen



Club-Debatte „Der Maschinenraum“ powered by Energie AG



DI Ariane Herzog
Salinen Austria AG



Mag. Albert Ortig
NXAI und Netural



Daniel Naeff
AI Center ETH Zürich



Univ.-Prof. Mmag. Dr. Daniel Varro
Donauuniversität Krems



DI Ariane Herzog
Salinen Austria AG

KI steigert Automatisierung und verändert Prozesse – entscheidend bleibt, dass der Mensch im Mittelpunkt steht.



Mag. Albert Ortig
NXAI und Netural

*Nicht BigTech, sondern industrielle KI
entscheidet Europas Zukunft.*



Daniel Naeff
AI Center ETH Zürich

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angeht, setzt morgen alles aufs Spiel.*



Univ.-Prof. MMag. Dr. Daniel Varro
Donauuniversität Krems

*KI kann auch Bürokratieabbau:
mehr Zeit, niedrigere Preise und mehr
Wettbewerbsfähigkeit*

Was sollten Industrieunternehmen vom
heutigen Industrietag jetzt konkret
mitnehmen?

Wo sehen Sie die größten Hürden, damit
daraus im Betrieb wirklich Wirkung
wird?

DANKE

Industrietag 2026