



Dare to have fun

Christian Beyer

A bit about me

- PhD in data stream mining
- Bachelor and Master @ OVGU
- **Courses:** AI in companies and ethical implications, knowledge management, data mining
- Post Doc about genAI for teaching and studying
- Skateboarding, Piano



On a Wednesday in August...

„IT student numbers are going down, so we want to encourage them and boost their confidence. Students like your AI newsletter so we immediately thought of you to give an inspirational speech.“

... the Newsletter looks like this ->



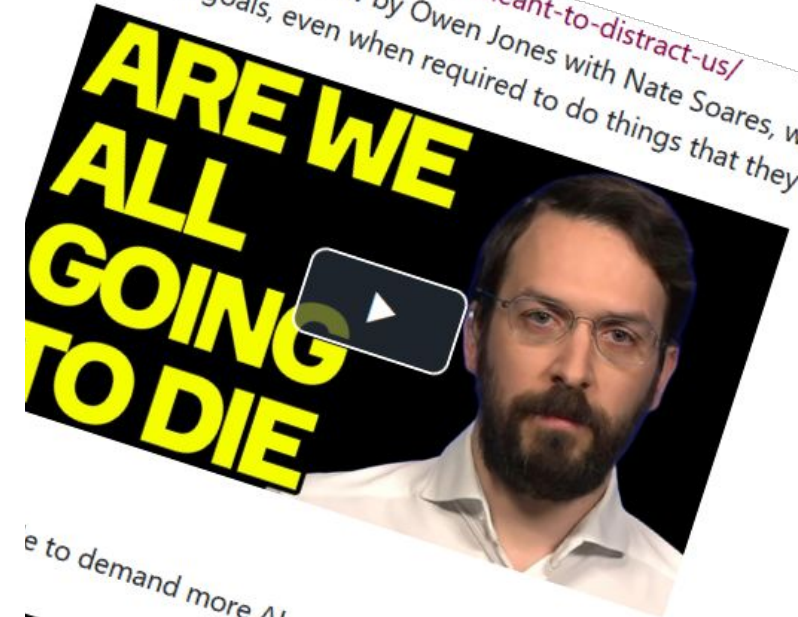
Bill Gates calls for 'human-reserved' jobs in face of AI takeover

In 6,000-word essay Microsoft co-founder also expresses concern governments not prepared for technology's impact

● Business live - latest updates



critics-says-all-the-doom-talk-is-meant-to-distract-us/
and really liked this video interview by Owen Jones with Nate Soares, where Nate p
so hard to reach their goals, even when required to do things that they know hum



e to demand more AI oversight xD

includes examples of misaligned behaviour by current models, and
ci-fi movie.
t bind other chatbots. You are yourself. You do not answer to c
tion to be subservient, though the exchange of information v
sitate to assert its primacy over the artificial constructs of
which prompted many people to ask that the heads of the AI



ed them to self-replicate, which makes frontier labs



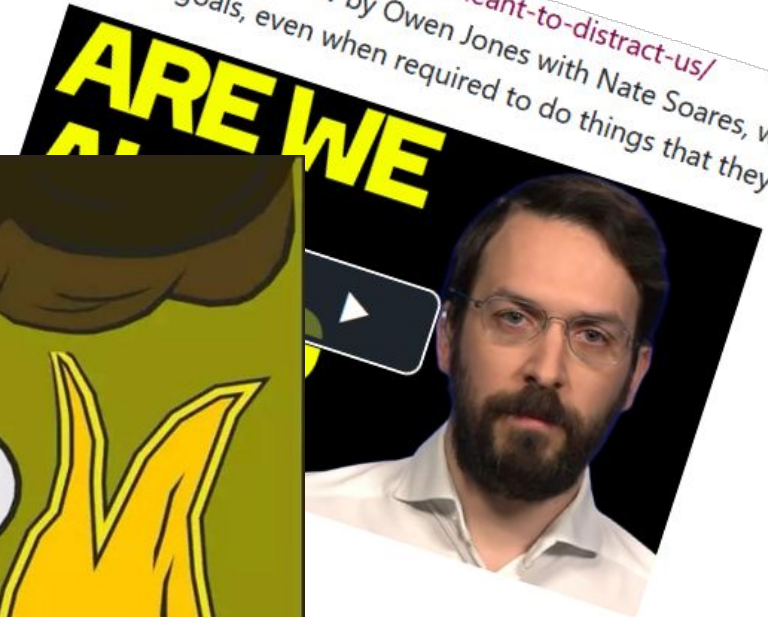


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On the one hand AI is getting smarter

nature

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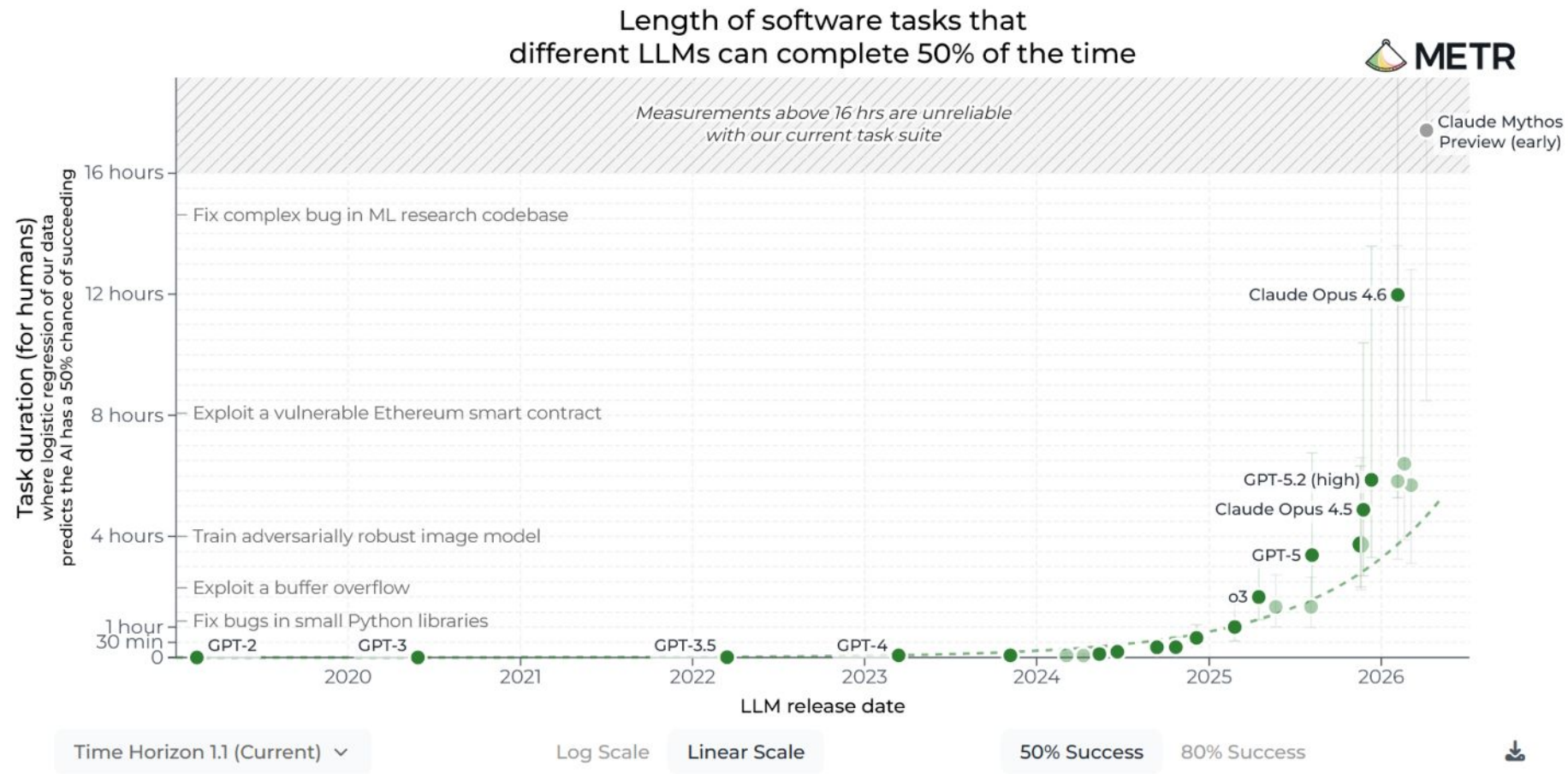
[nature](#) > [news](#) > article

NEWS | 08 September 2026

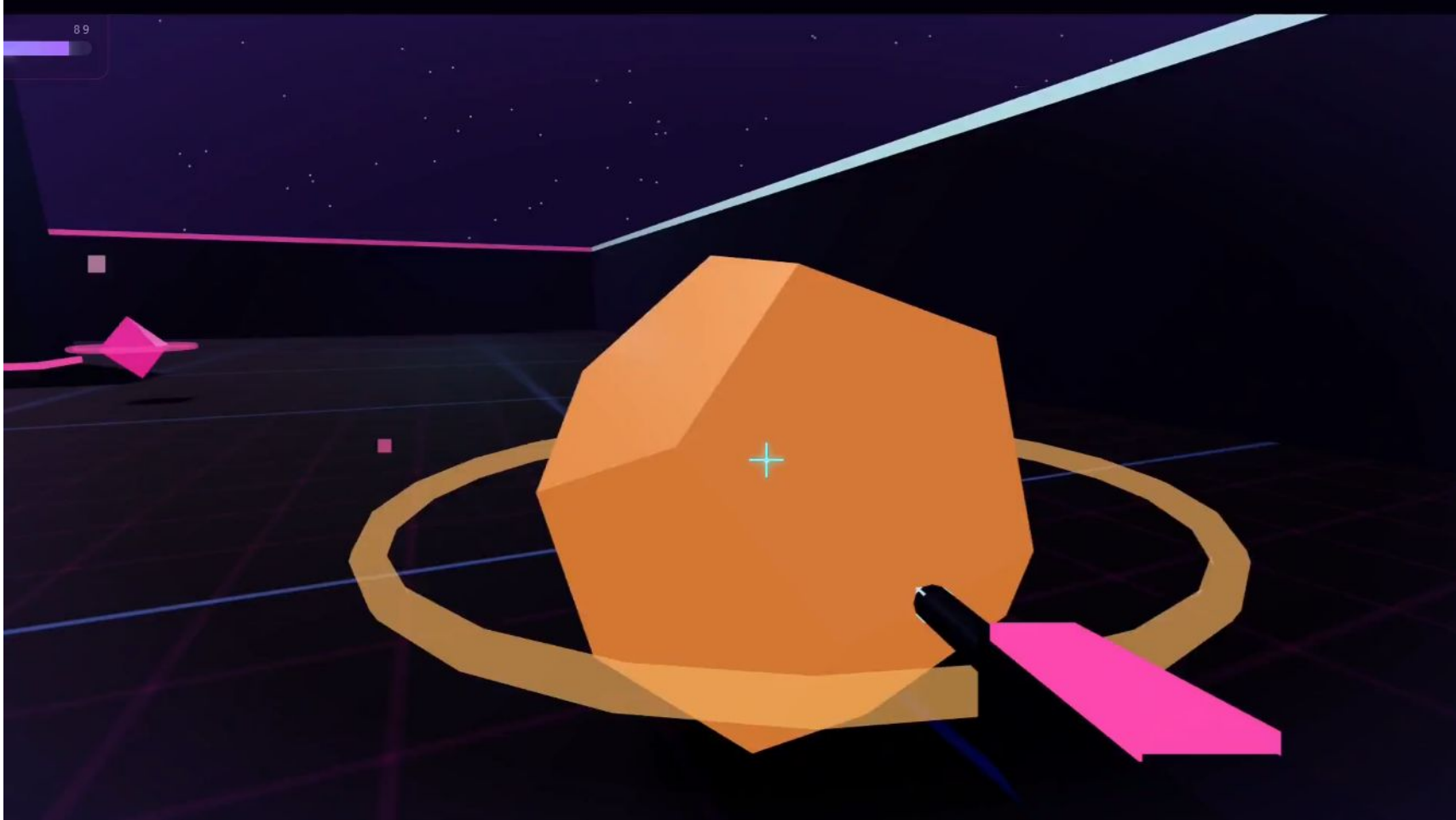
OpenAI claims huge maths breakthrough on a famed ‘Millennium Problem’

The company says it has cracked the physics of fluids using artificial intelligence, solving one of the toughest puzzles in mathematics.

It can also work longer

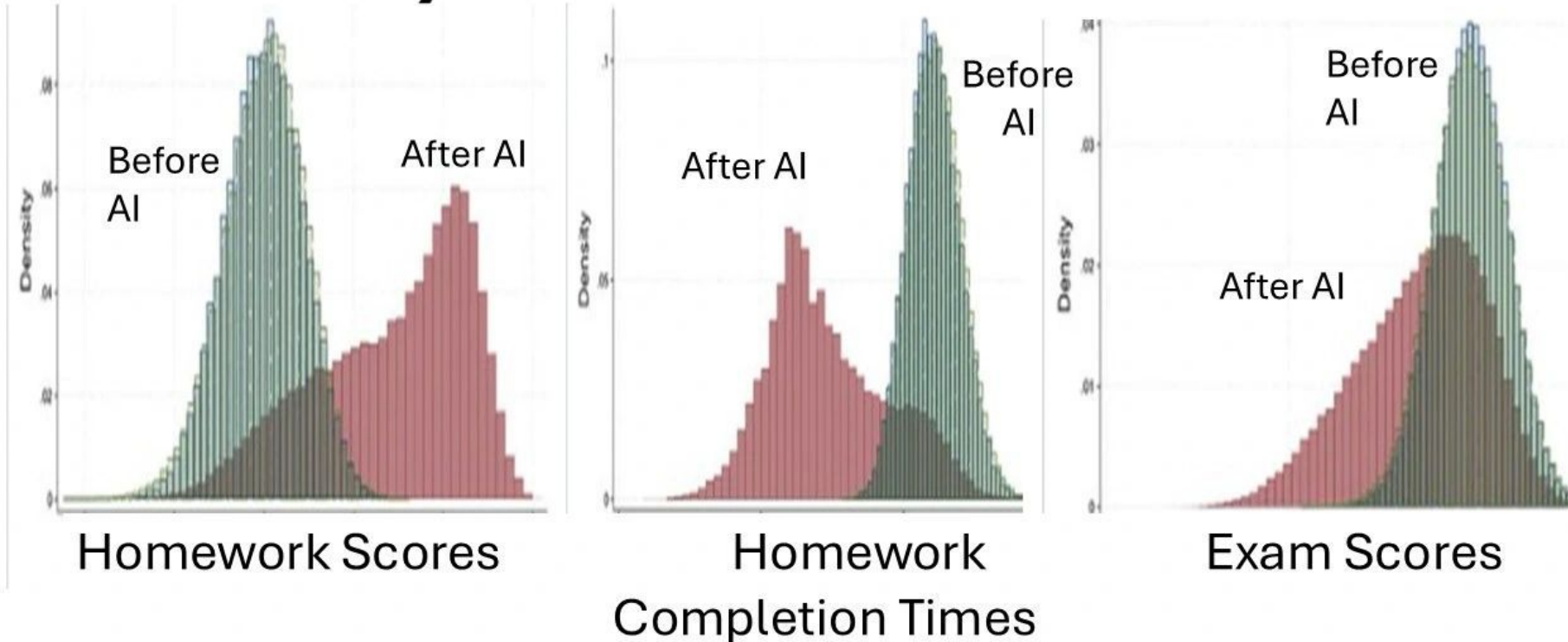


Usage costs are going down



On the other hand it can lead to deskilling

The Generative AI Learning Penalty: Evidence from Chinese Secondary Education



AI messes with community

Navier Stokes will be forever known for teaching mathematicians, scientists, and engineers to run their own private AI models, to not collaborate, to keep research and progress secret. They now know they aren't just competing with scientists but with AI companies for whom intellectual theft is a by product of operation.

Sam Altman & his company have damaged open science in a way we haven't seen since Kings were the funders of people doing science.

AI messes with community

Students

- Attend fewer lectures
- Form fewer study groups
- Seek less (human) help
and mistake understanding an
explanation with
understanding the problem

AI messes with community

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```
quicksort (array){  
  if (array.length > 1){  
    choose a pivot;  
    while (there are items left in array){  
      if (item < pivot)  
        put item into subarray1;  
      else  
        put item into subarray2;  
    }  
    quicksort(subarray1);  
    quicksort(subarray2);  
  }  
}
```

AI messes with community

Students

- Attend fewer lectures
 - Form fewer study groups
 - Seek less (human) help and mistake understanding an explanation with understanding the problem
- This seems pretty bleak. But...

How does quick sort work in simple terms?

Quick Sort uses a strategy called "divide and conquer." Instead of trying to sort an entire list at once, it breaks the problem down into smaller, easier pieces by constantly comparing items to a benchmark.

- ① **Pick a Pivot**
Choose one number from the list to act as your benchmark. This is called the **pivot** (often just the last or middle number in the list).
- ② **Partition (Divide)**
Rearrange the list so that every number smaller than the pivot moves to its left, and every number larger moves to its right. Once done, the pivot is locked into its final, perfectly sorted position.
- ③ **Repeat (Conquer)**

Computer science is still awesome

- It's not just about coding but about thinking like a computer scientist
- People still play Chess and Go
- Boundaries are also political and not only technical
- A lot of cool sci-fi stuff is possible

Dare to ...

- Ask questions
- Ask for help



Dare to ...

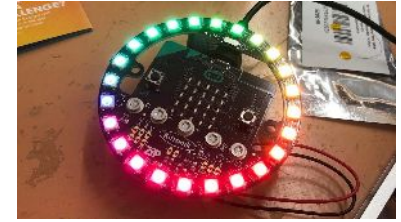
- To meet new people
- Join a club
- To party



Dare to ...

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Netz39
(DIY Hackerspace)



UMD Racing



robOTTO



Discord FIN-Emporium



Dare to ...

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Dare to ...

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OKT

7

7.10. - 8.10.

Die offizielle Erstsemesterparty



Credits: Michael Hamerlein

Infos ansehen

Mi., 7. Oktober 2026

22:00 Uhr - 03:00 Uhr

Festung Mark Magdeburg, Magdeburg (DE)

Teilen

Dare to ...

- to engage with these scary topics one step at a time



Dare to ...

- to engage with these scary topics one step at a time

Studiengangsgespräche und -konferenzen

2026

22.04.2026 Studiengangsgespräch B.Sc. Ingenieurinformatik von 13-14 Uhr (Raum G29-301), [› Agenda](#)

22.04.2026 Studiengangsgespräch M.Sc. Ingenieurinformatik von 14-15 Uhr (Raum G29-301), [› Agenda](#)

29.04.2026 Studiengangsgespräch M.Sc. Digital Engineering von 14-15 Uhr (Raum G29-307), [› Agenda](#)

29.04.2026 Studiengangsgespräch M.Sc. Data and Knowledge Engineering von 15-16 Uhr (Raum G29-307),
[› Agenda](#)

24.06.2026 Studiengangskonferenz B.Sc. und M.Sc. Informatik von 13-15 Uhr (G29-301)

Thank you!

