



Wolfram's zWorld Version 7

101. z/OS Expertenforum
Wildhaus (CH)
21.-22, Oktober 2025

■ Wolfram Greis

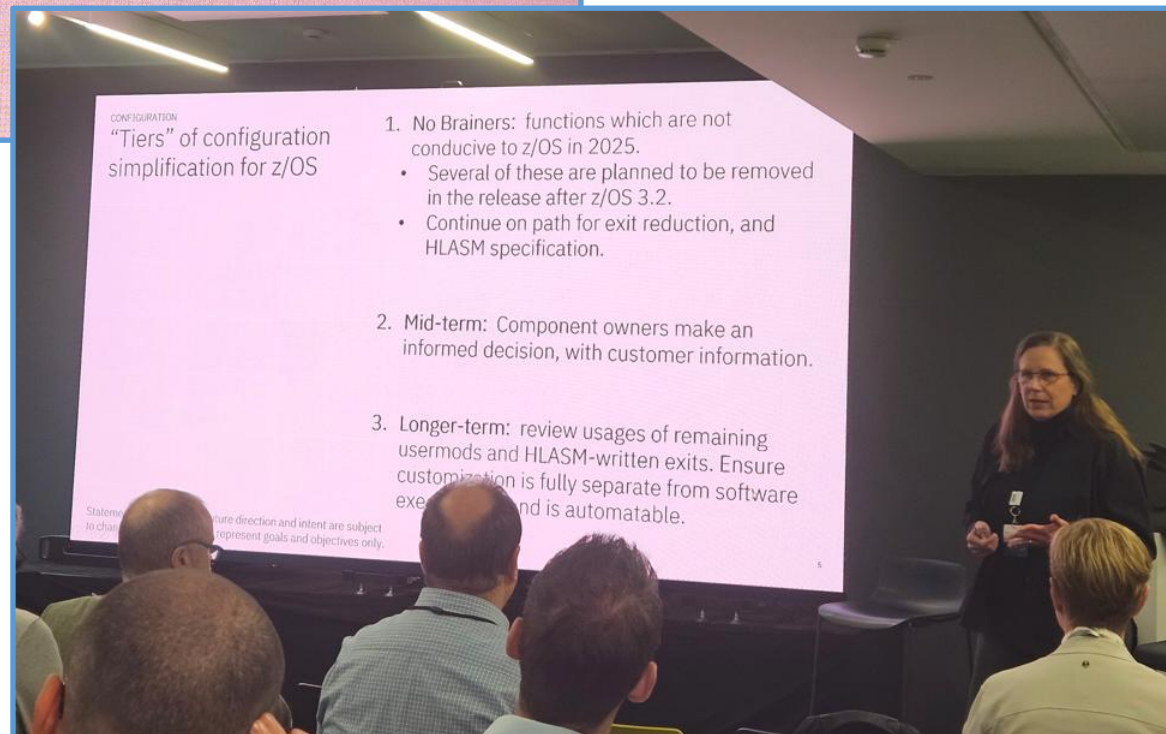
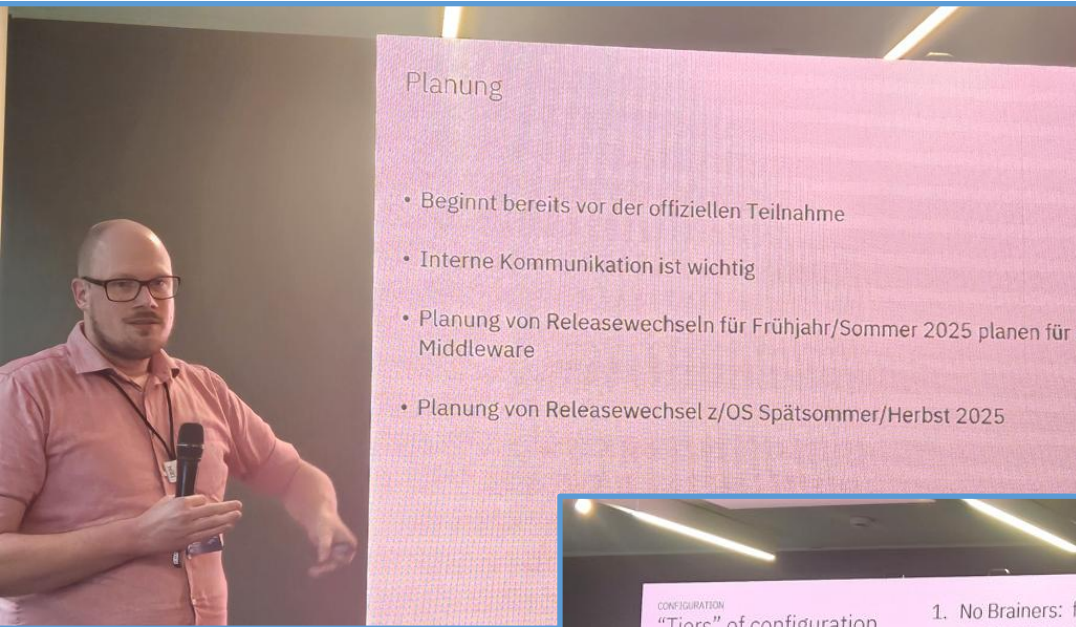
www.mainframe-academy.de

Agenda

- IBM „Zeit für Z“ in Stuttgart
- Mainframe Topics an der Hochschule Luzern
- IBM TechXchange in Orlando
- Artificial Intelligence (update)
- From Punch Cards to VS Code – Mit Demo

„Zeit für Z“ in Stuttgart

- „Zeit für Z“ in Stuttgart



Mainframe Topics (MTOPs) bei der Hochschule Luzern

- MTOPs an der Hochschule Luzern



TechXchange in Orlando

- TechXchange in Orlando



- TechXchange in Orlando – Karaoke mit Live-Band! – Mitwirkung aus der Schweiz



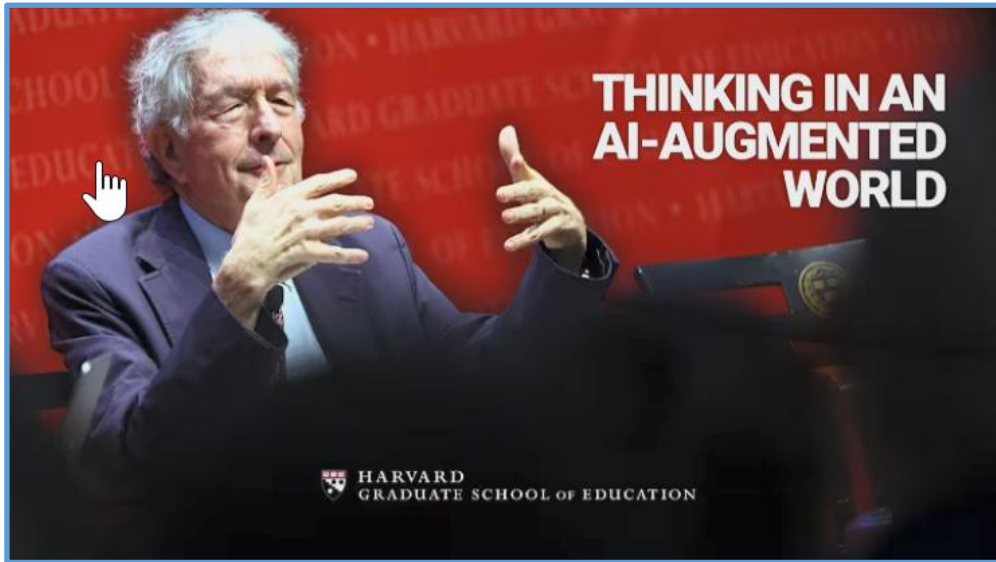
- TechXchange in Orlando – From Punch Cards to VS Code



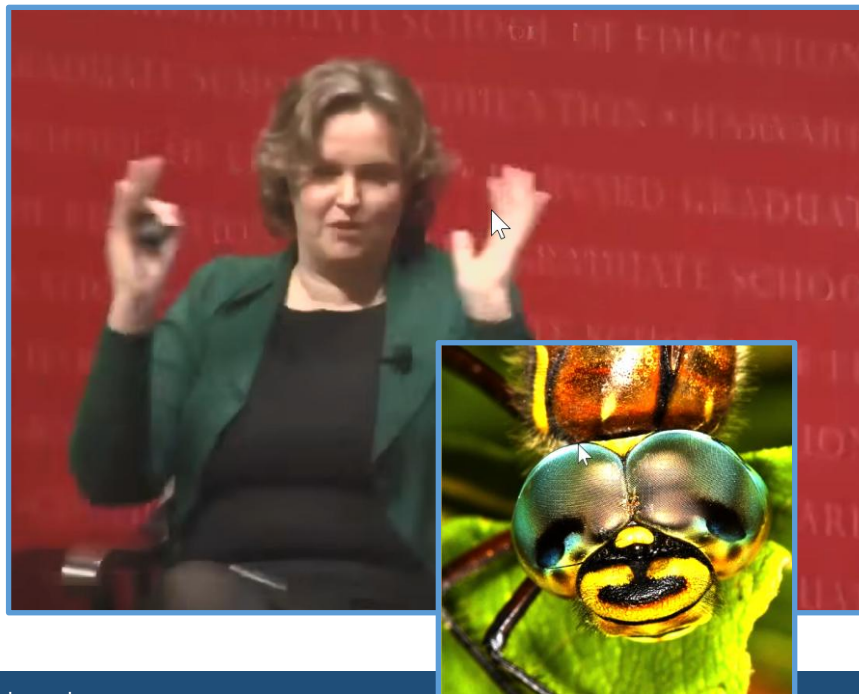
Mainframe Einführung an der Hochschule Luzern



Artificial Intelligence Update



- Howard Gardner
 - Professor of Cognition and Education at Harvard University
 - Frames of Mind: The Theory of Multiple Intelligences
 - Five Minds for the Future, Truth, Beauty and Goodness Reframed
 - Work on “[Synthesizing](#)” and the synthesizing mind



- Anthea Roberts
 - Professor at the School of Regulation and Global Governance at the Australian National University
 - Visiting Professor at Harvard University
 - Six Faces of Globalization
 - Work on “[Dragonfly Thinking](#)”





Prof. Dr. Yasmin Weiß ✓ · 2.

Professor of AI at work / HR & Future Skills Expert/ Experienced Supervisory Board Member/ Keynote Speaker/ LinkedIn Top Voice /

 Katholische Universität Eichstätt-Ingolstadt

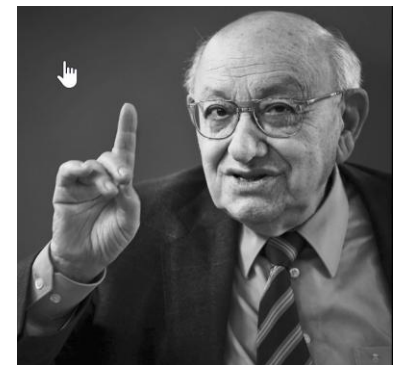


„Unlearn to Succeed:" 10 Regeln, die wir verlernen müssen

**AI will not replace humans.
Humans using AI will replace
humans not using AI.**

Fernsehen macht dumme dümmer und schlaue schlauer

Marcel Reich-Ranicki



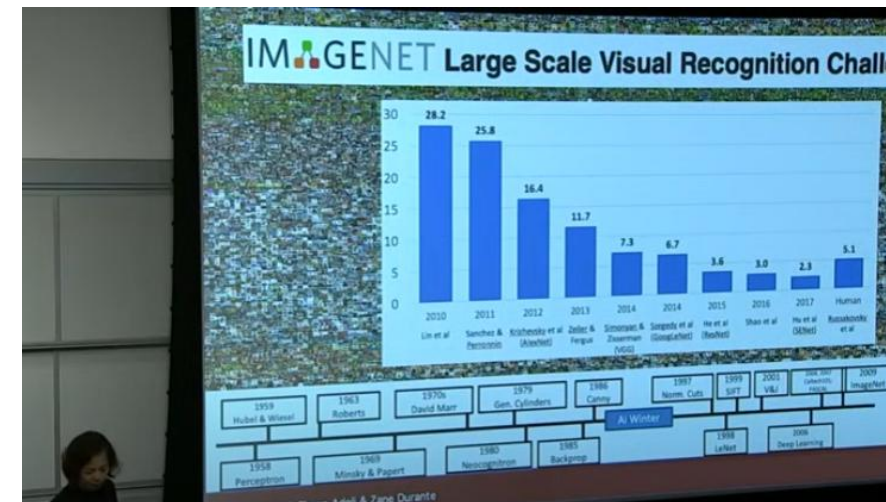
Künstliche Intelligenz macht dumme dümmer und schlaue schlauer

„I often tell my students not to be misled by the name „artificial intelligence“ – there is nothing artificial about it. AI is made by humans, intended to behave by humans, and, ultimately, to impact humans' lives and human society.“



Fei-Fei Li

Professorin am Institut für Informatik der Stanford University
und Co-Direktorin des Human-Centered AI Institute in Stanford.



NEW YORK TIMES BESTSELLER • NEW YORK TIMES BESTSELLER • NEW YORK TIMES BESTSELLER • NEW YORK TIMES BESTSELLER • NEW YORK TIMES BESTSELLER

"Anyone seeking a basis of practical knowledge to understand the coming massive changes should read this insightful book right now."

—REID HOFFMAN,
Co-Founder of LinkedIn and Inflection AI



ON SALE NOW



The Jagged Frontier



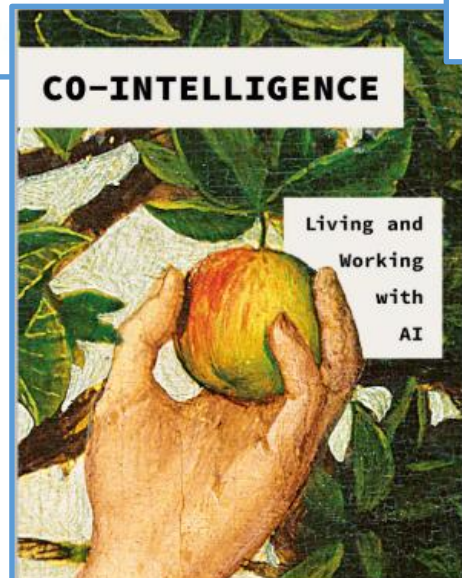
Ethan Mollick · 2.
Associate Professor at The Wharton School

Against "Brain Damage"

AI can help, or hurt, our thinking



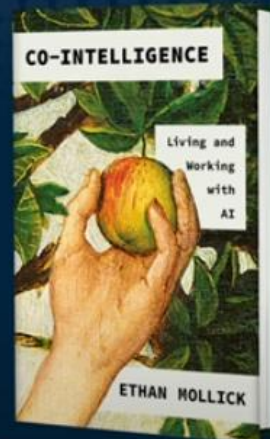
ETHAN MOLLICK
JUL 07, 2025



What should we do now?

Educators:

- Actively and ethically experiment with AI – invite it to everything you do, try it on your assignments
- Dive in – you are the expert, programming in prose
- Share what you learn – share tools that work, things that don't



And remember: this is the worst AI you will ever use



TRADITIONAL VS. MULTIMODAL

 AI creates text prompt Separate system generates image Limited understanding of context Struggles with text	 Same AI system controls generation Understands context deeply Creates precise, intentional details Handles complex instructions Accurate text rendering
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Elephants:

Breakthroughs in image generation

Learn to See and Create

And remember: this is the worst AI you will ever use!

MIT Technology Review

September bis Dezember 2025



Die meisten Medien, die in jenen Tagen im Frühsommer 2025 über die Studie des MIT Medialabs berichteten, ließen jede Vorsicht und alle Nuancen fahren und titelten reißerisch „**ChatGPT mascht dumm**“, das Gehirn „**verrotte**“, und wer den Chatbot nutze, solle sich nicht wundern, wenn sich das Gehirn in den Urlaub verabschiede.

„Ich kann verstehen, dass man gerne eine pointierte oder sexy formulierte und vor allem kurze Version unserer Forschung lesen möchte, aber das verfälscht eben unsere Forschungsergebnisse“



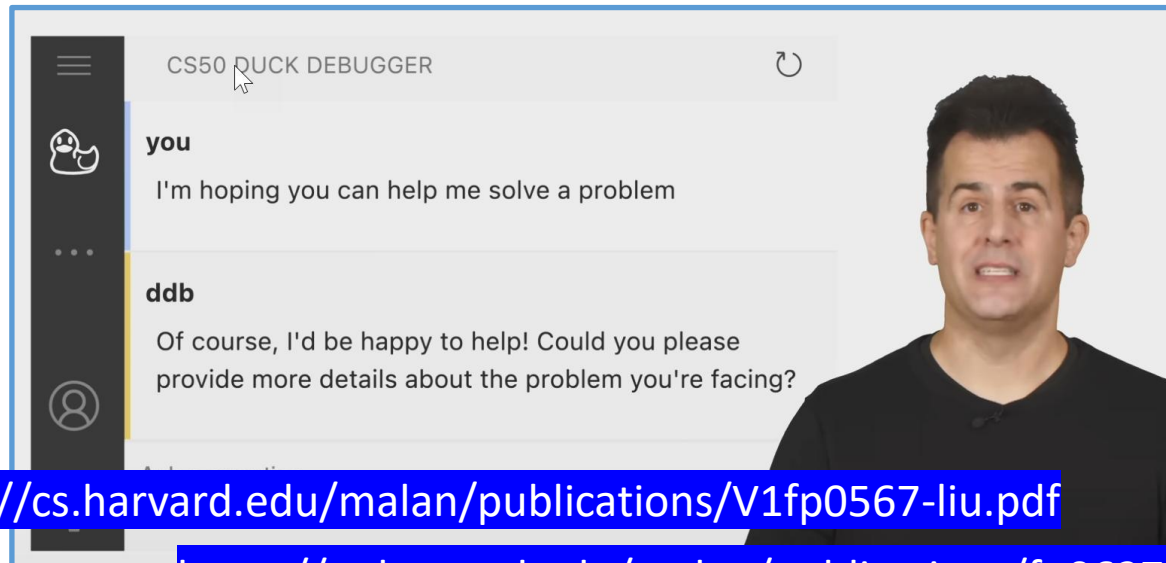
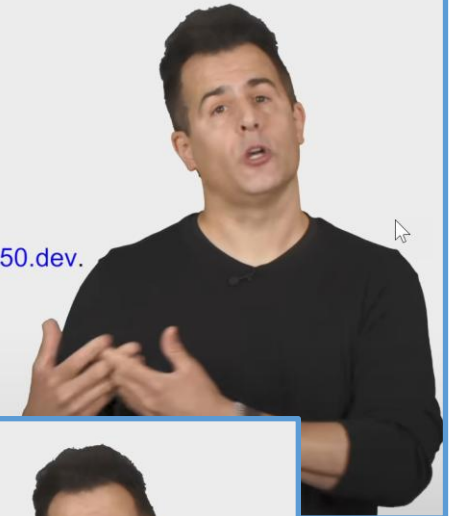
Natallya Kosmyna
MIT Medilab

CS50 at Harvard

- Prof. Dr. David Malan
Harvard University CS50 Lecturer
- Pedagogical guardrails
- Provide students with office hours 24/7
- Approximate a 1-to-1 student-to-teacher ratio
- Advice students on how to improve their code's design

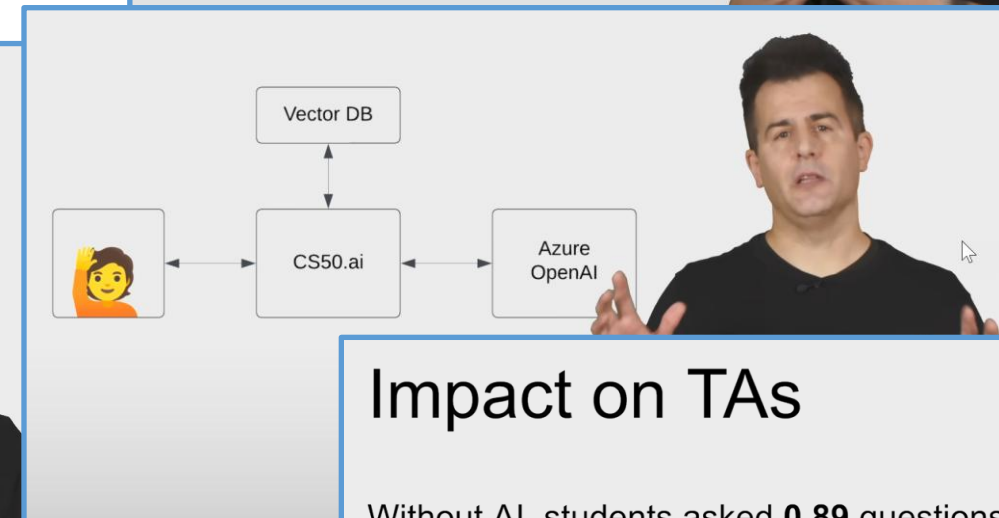
Reasonable

Using CS50's own AI-based software including the CS50 Duck (ddb) in cs50.ai and cs50.dev.



<https://cs.harvard.edu/malan/publications/V1fp0567-liu.pdf>

<https://cs.harvard.edu/malan/publications/fp0627-liu.pdf>



Impact on TAs

Without AI, students asked **0.89** questions each of TAs.
 With AI, students asked **0.28** questions each of TAs.

From Punch Cards to VS Code

Bibliography and Links

- The inside story of ChatGPTs astonishing potential
TED-Talk from OpenAI co-founder Greg Brockman
https://www.ted.com/talks/greg_brockman_the_inside_story_of_chatgpt_s_astonishing_potential
- Top 5 der beliebtesten Sprachtools:
 - Chat Interface von OpenAI [ChatGPT](#)
 - Unterhaltung mit fiktiven Personen: [character.ai](#)
 - Google [Gemini](#) (vormals BARD) [Bard](#)
 - plattformübergreifender Chatbot [Poe](#)
 - Texte schreiben und Hilfe bei Formulierungen mit [Quillbot](#)
- Top [50 GenAI Web Products](#)
- [There is an AI for that](#)
- [z/OS Manual Search](#) by Living Mainframe

- Andrew Ng – The Near Future Of AI
<https://www.youtube.com/watch?v=KDBq0GqKpqA>
- CS50 Fall 2023 - Artificial Intelligence
<https://www.youtube.com/watch?v=0KmqnxXYJvA>
- CS50 Tech Talk – Large Language Models and the End of Programming
<https://www.youtube.com/watch?v=JhCl-GeT4jw>
- Sascha Lobo bei Markus Lanz
<https://www.youtube.com/watch?v=oyZ87y38zsl>
- The inside story of ChatGPTs astonishing potential
TED-Talk from OpenAI co-founder Greg Brockman
https://www.ted.com/talks/greg_brockman_the_inside_story_of_chatgpt_s_astonishing_potential

- Sora von OpenAI
<https://openai.com/sora>
- Teachable Machine
<https://teachablemachine.withgoogle.com/>
- Moral Machine
<https://www.moralmachine.net/>
- Lernen mit Robotern
<https://www.roberta-home.de/>

Questions? Remarks?