Opening Plenary Navigating an AI Future Through the Lens of Equity

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Panel: Jer Thorp Kate Crawford Nathaniel Raymond



# DEMYSTIFYING AI

#### BEYOND THE MAGIC SHOW

GATES FOUNDATION IDM 2023 PROF. KATE CRAWFORD





Write a limerick about what happened when Elon Musk bought Twitter



There once was a man named Elon Musk, Who bought Twitter, what a big plus, But then came the tweets, That caused lots of heat, And now he's known for his outbursts!



GPT-4 currently has a cap of 25 messages every 3 hours.

Send a message.

ChatGPT may produce inaccurate information about people, places, or facts. ChatGPT May 12 Version

ARTIFICIAL INTELLIGENCE / TECH / GOOGLE

### Google's AI chatbot Bard makes factual

**error ir** biggest search ε

### 'Hallucination': When Chatbots (and People) See What Isn't There

A Latin term for mental wandering was applied to the disorienting effects of psychological disorders and drug use—and then to the misfires of AI programs

#### TECH · A.I.

#### Microsoft's ChatGPT-powered Bing is getting 'unhinged' and argumentative, some users say: It 'feels sad and scared'

BY **ELEANOR PRINGLE** February 14, 2023 at 12:16 PM EST

### AI chatbots are coming to search engines – can you trust the results?

Google, Microsoft and Baidu are using tools like ChatGPT to turn internet search into a conversation. How will this change humanity's relationship with machines?



# HALLU-CITATIONS

Can you cite your references to Kate Crawford and Karen Hao?



Sure! Here are some references to articles in which Kate Crawford and Karen  $\bigcirc$   $\bigcirc$  Hao have discussed their views on Lex Fridman and his work:

Crawford, K. (2021, January 15). AI Ethics and the Limits of Reason.
Points. Retrieved from <u>https://points.datasociety.net/ai-ethics-and-the-limits-of-reason-9618ed21e952</u>

In this article, Crawford discusses her concerns about the framing of AI in Lex Fridman's podcast and YouTube channel, arguing that they focus too narrowly on technical aspects of AI and overlook important ethical and social considerations.









"Short exposures to a relatively simple computer program can induce powerful delusional thinking in quite normal people". Joseph Weizenbaum, 1978



# **ENCHANTED DETERMINISM**



# **ENCHANTED DETERMINISM**

Alex Campolo and Kate Crawford. "Enchanted determinism: Power without responsibility in artificial intelligence." *Engaging Science, Technology, and Society* 6 (2020): 1-19.





# RESOURCES

# ARTIFICIAL INTELLIGENCE > The dirty secret of artificial intelligence

The emergence of tools such as ChatGPT triggers warnings about a fivefold increase in global data center energy consumption

'Thirsty' AI: Training ChatGPT Required Enough Water to Fill a Nuclear Reactor's Cooling Tower, Study Finds

# LABOR



#### **BUSINESS • TECHNOLOGY**

#### Exclusive: OpenAI Used Kenyan Workers on Less Than \$2 Per Hour to Make ChatGPT Less Toxic









ALFRED P. SLOAN

NYU



| Dataset: LAION Face |                      |                     |                 |      |       |      | Dataset Stats                                |                        |       |                            |
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## WAYS FORWARD

1. Understand how AI works – and how to make it more reliable, responsible, and sustainable

2. Help people understand how these tools can work for us – and where they fail



# Thanks

Knowing Machines includes Jer Thorp, Hamsini Sridharan, Sasha Luccioni, Christo Buschek, Ed Kang, Mike Ananny, Melodi Dincer, Will Orr, Jake Karr













<u>www.katecrawford.net</u> @katecrawford







Go to menti.com and use the code 2961 5956

What would you like to ask the panel?

► Start Menti