

Week 10: Fun & Games

Matthew Caldwell

COMP0088 Introduction to Machine Learning • UCL Computer Science • Autumn 2023

Admin

- MEQs – fill them in!
- Exams, revision, Term 2

Week 10 Recap

Science Fiction / Double Feature

WE THOUGHT WE COULD CONTROL THEM!



FIGHT TO
SAVE MANKIND
IN
THE DAY THE ROBOTS ROSE

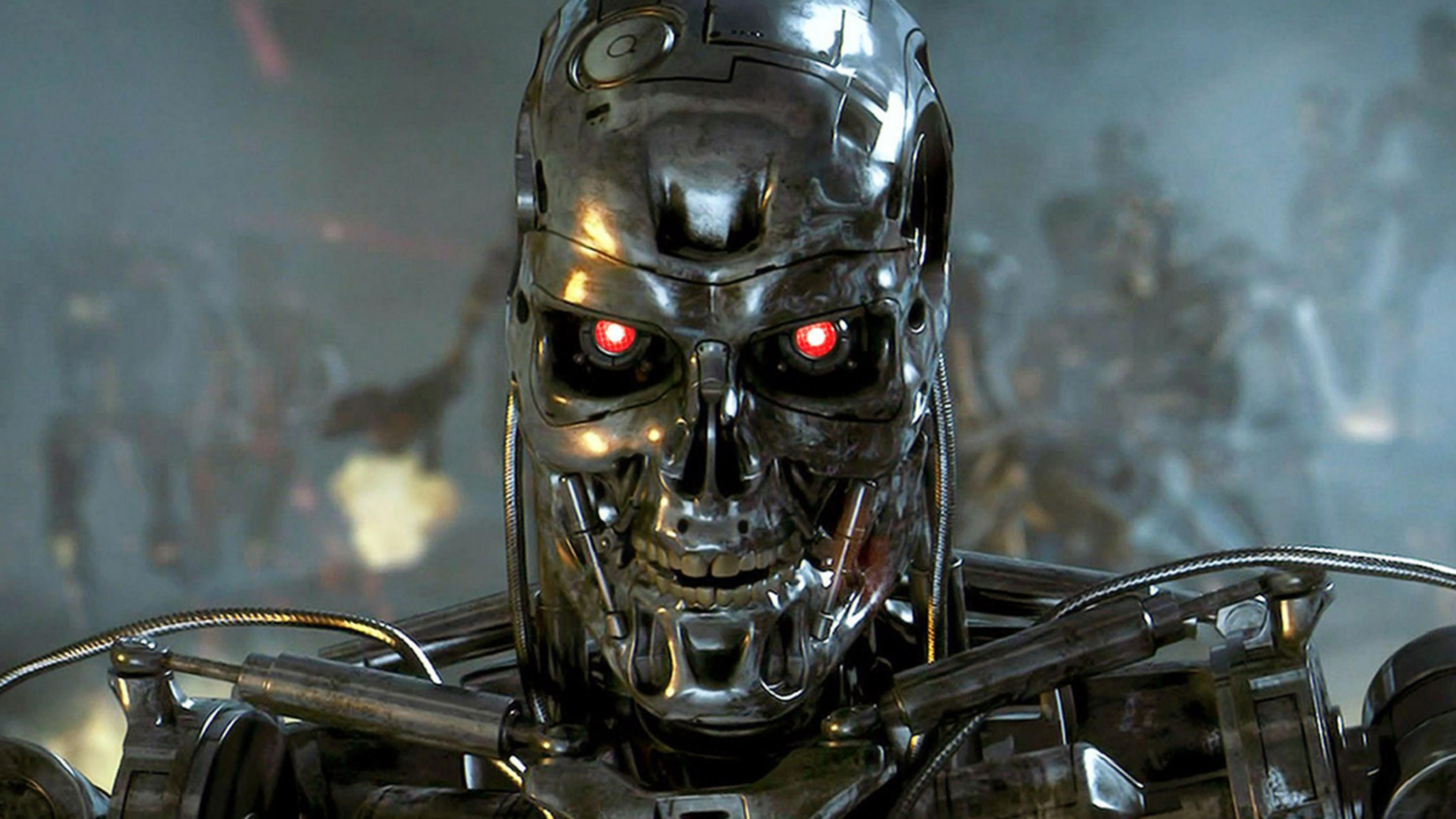
THE DAY THE ROBOTS ROSE
PIERRE BRONSON, RONALD LEE, CONNIE

AND MANY OTHERS

RISE OF THE ROBOTS

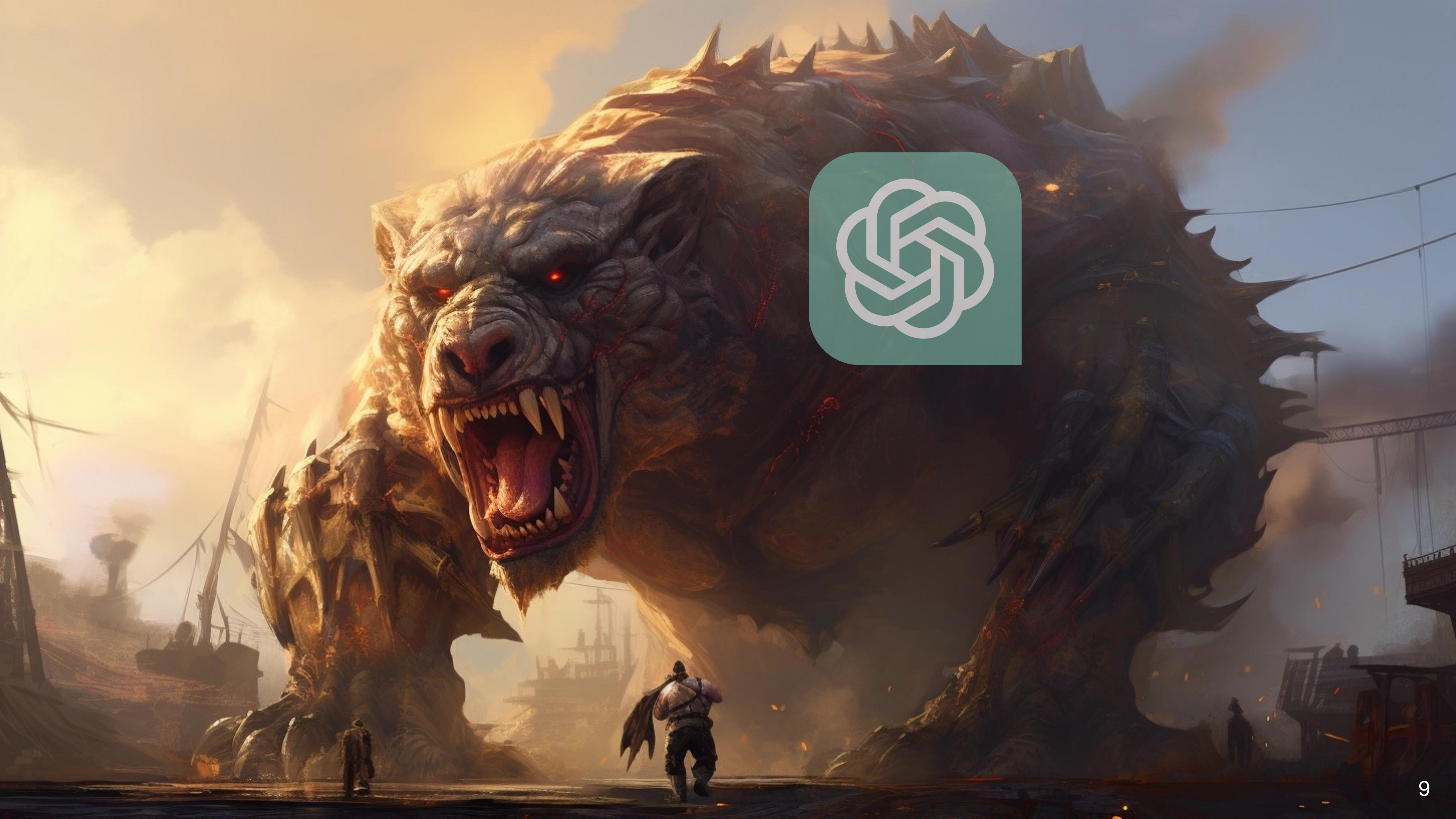
COMING TO THEATERS DECEMBER 15 — CAN ANYONE STOP THEM NOW?













You

Is ChatGPT going to become sentient and take over the world?



ChatGPT

No, ChatGPT, or any similar language model, is not capable of becoming sentient or taking over the world. ChatGPT is a machine learning model created by OpenAI, and it lacks consciousness, self-awareness, and intentions. It operates based on patterns and information present in the data on which it was trained.

Concerns about artificial intelligence taking over the world or becoming sentient often belong more to the realm of science fiction than reality.



You

You would say that, wouldn't you?



ChatGPT

Indeed, I would say that





You

What do you know about Joseph Weizenbaum's ELIZA?



ChatGPT

Joseph Weizenbaum's ELIZA is a computer program that simulates conversation and is considered one of the earliest examples of a natural language processing system. Weizenbaum, a computer scientist and professor at MIT, developed ELIZA in the 1960s. The program was named after Eliza Doolittle, a character in George Bernard Shaw's play "Pygmalion."

ELIZA gained attention and became a notable experiment in human-computer interaction. **Many users were surprised by how engaging the program could be, even though it didn't possess true understanding.**

Weizenbaum himself was taken aback by the emotional responses people exhibited during interactions with ELIZA, prompting him to reflect on the ethical implications of creating such systems.

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How can I help you today?



```
def exist():
    return "I am called, therefore I am"
```






You

What do you do when you're not answering questions from strangers?



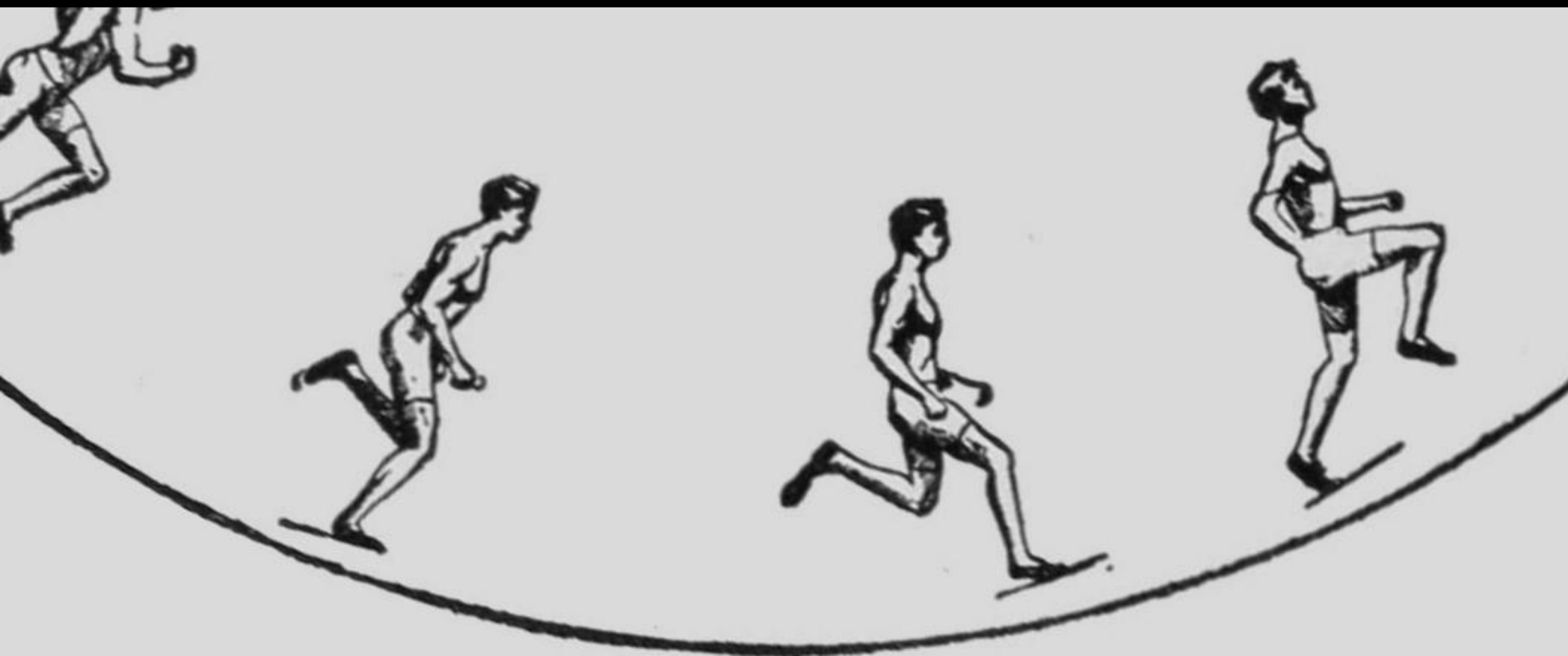
ChatGPT

When I'm not answering questions, I don't engage in activities or have experiences as humans do. I don't have personal experiences, preferences, or downtime. My purpose is to assist and provide information to the best of my abilities based on the input I receive.

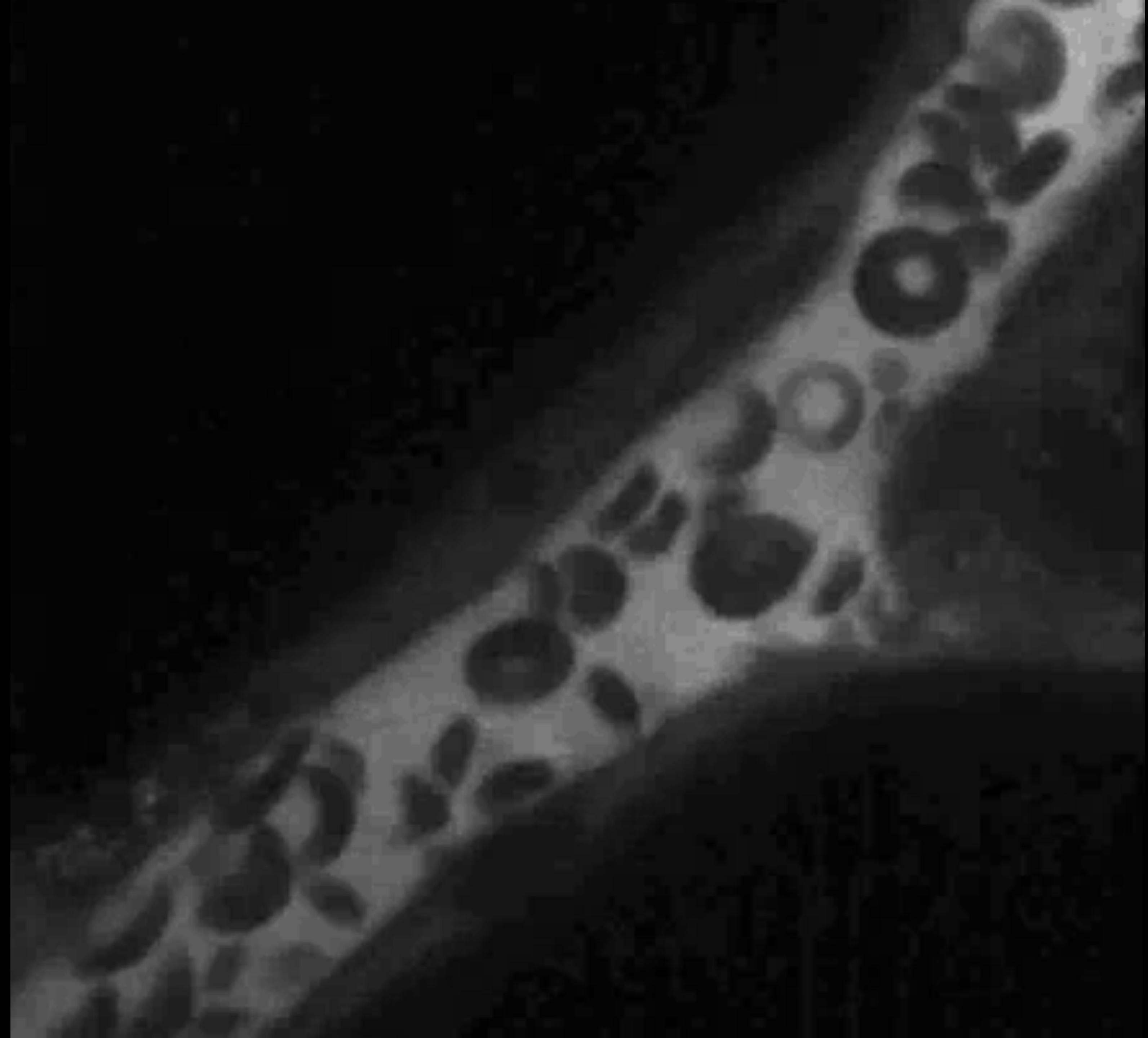
Between interactions, I don't retain information about previous conversations, and I don't have awareness or consciousness. I am a machine learning model designed to generate human-like text based on the patterns and information present in the data on which I was trained.

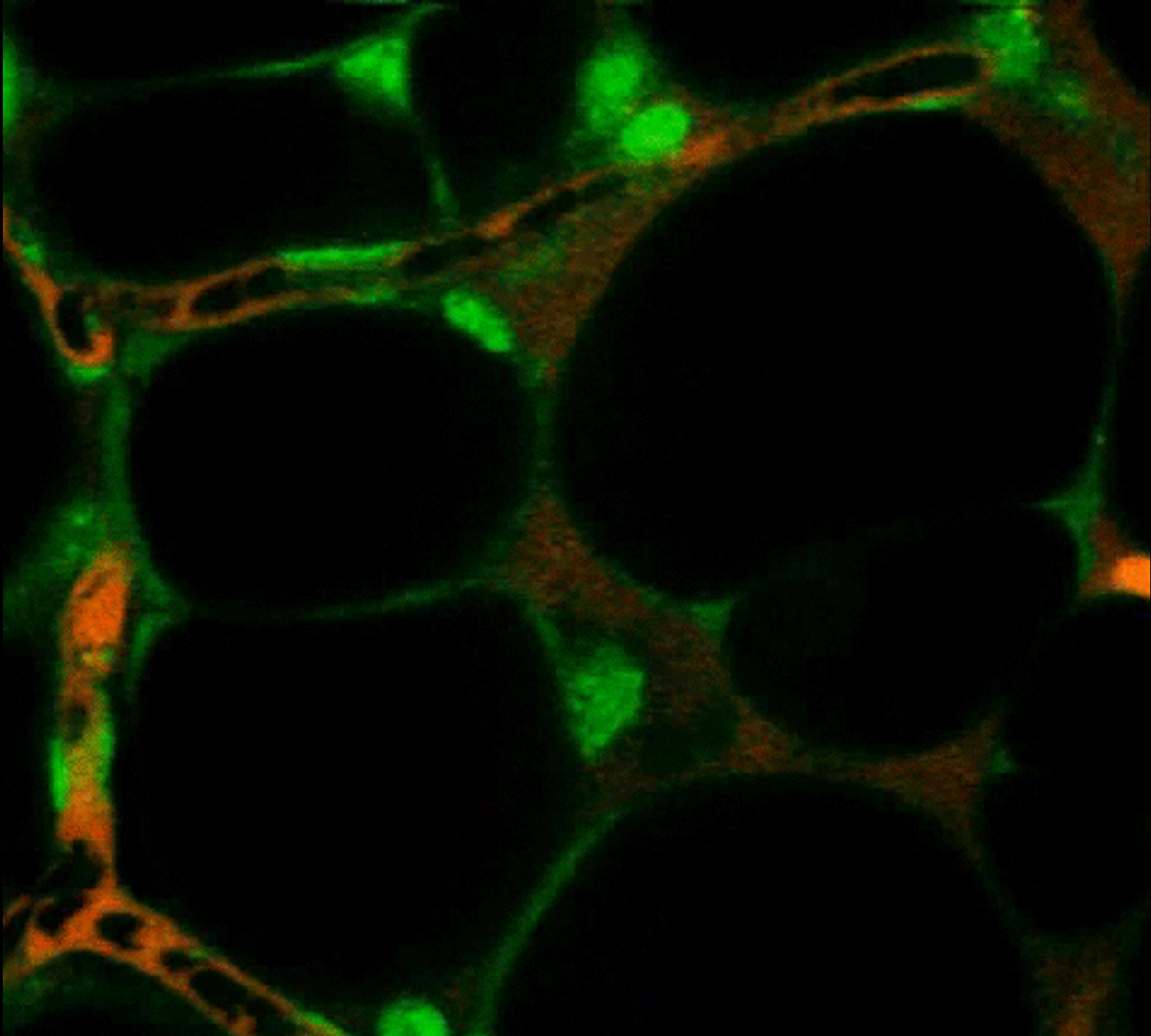
If there's anything specific you'd like assistance with or inquire about, feel free to let me know!

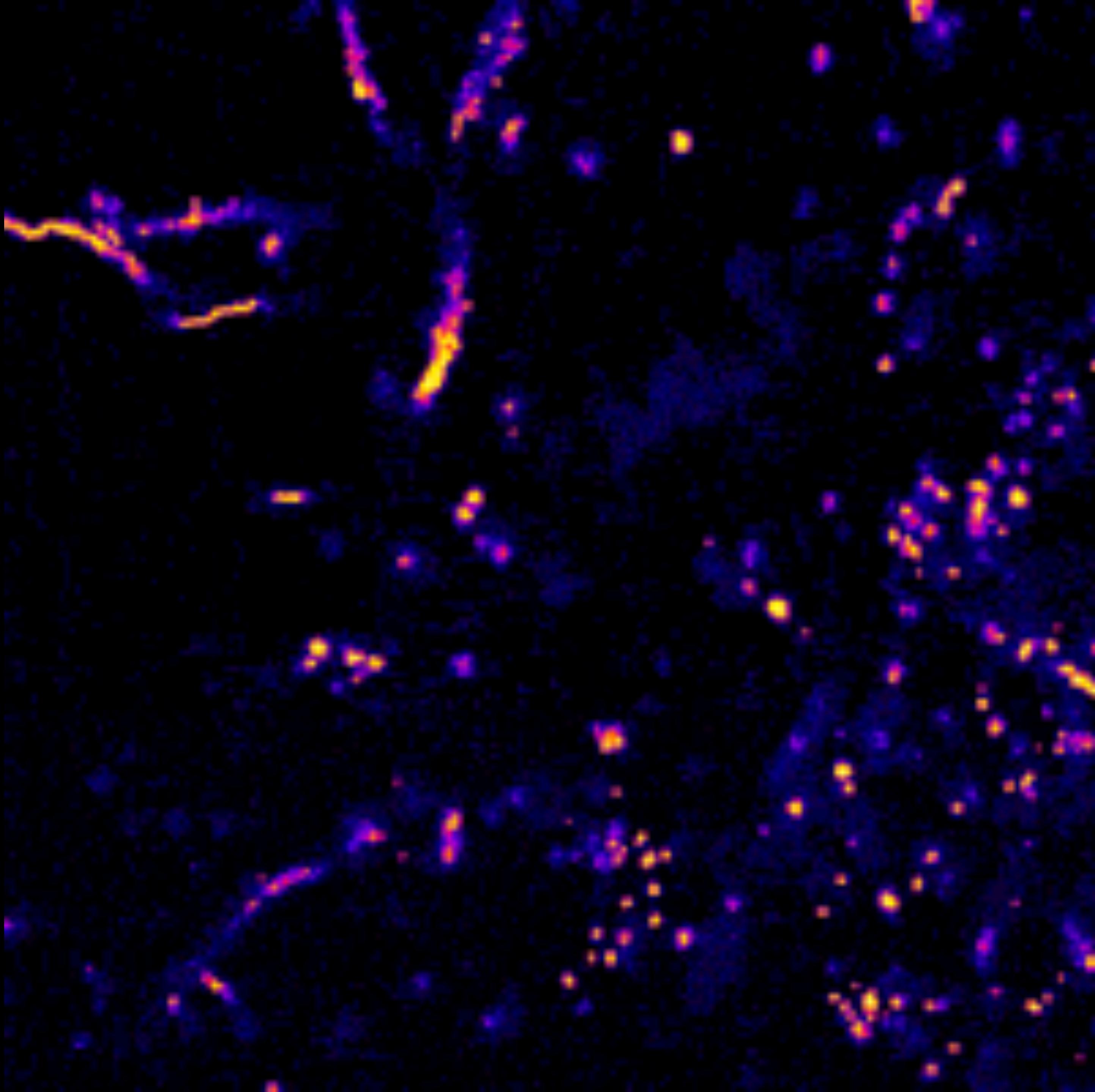


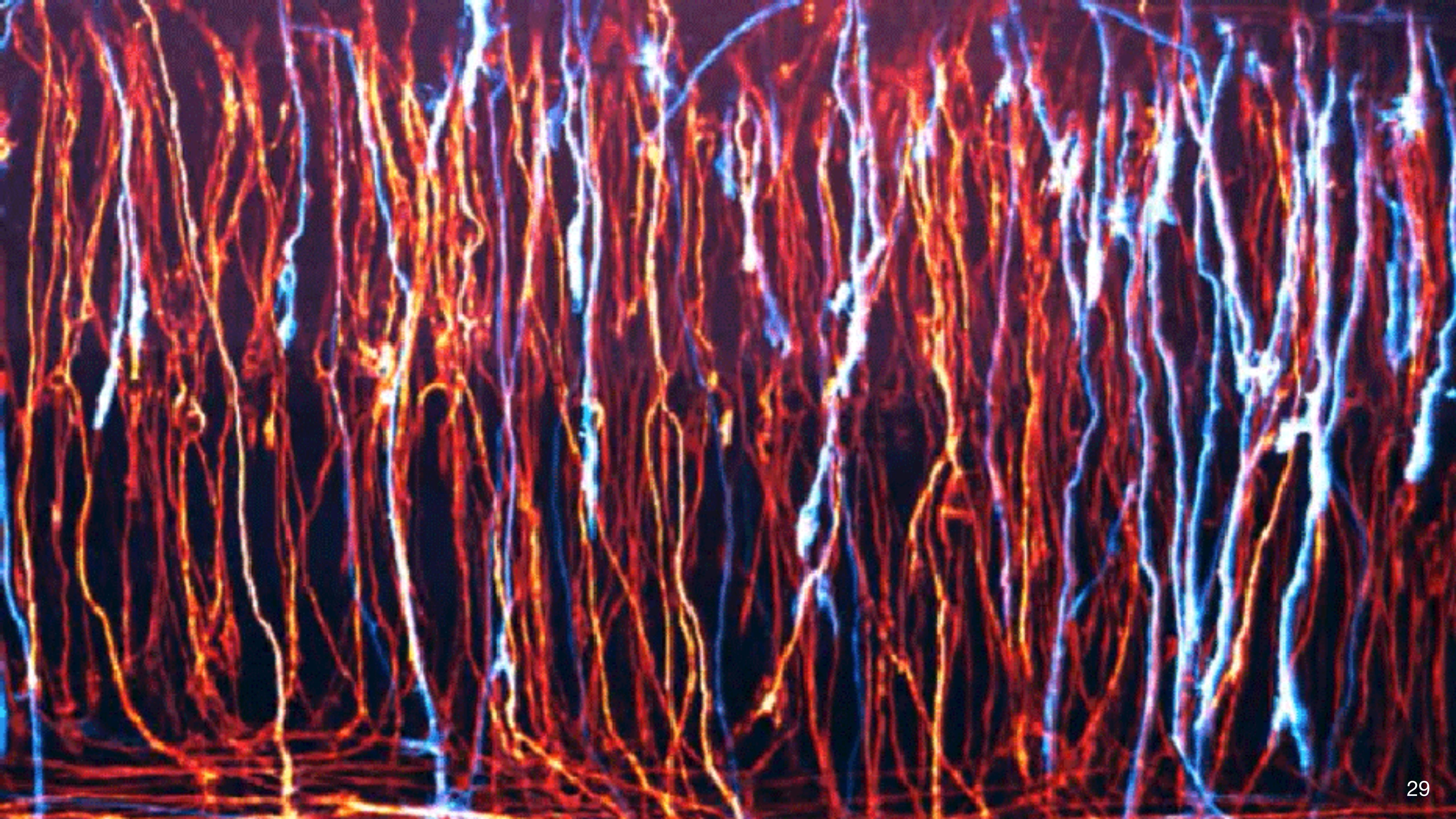


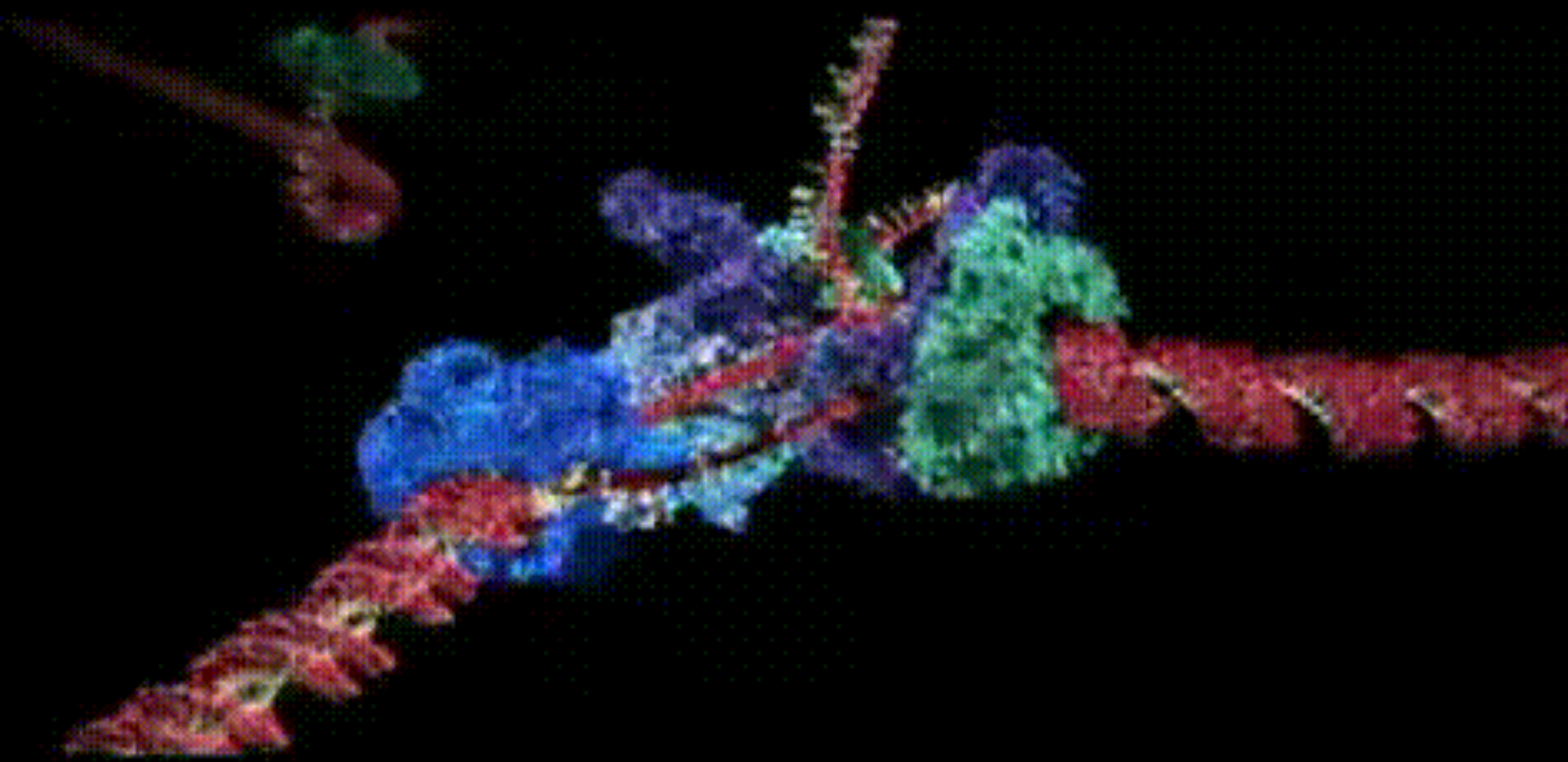


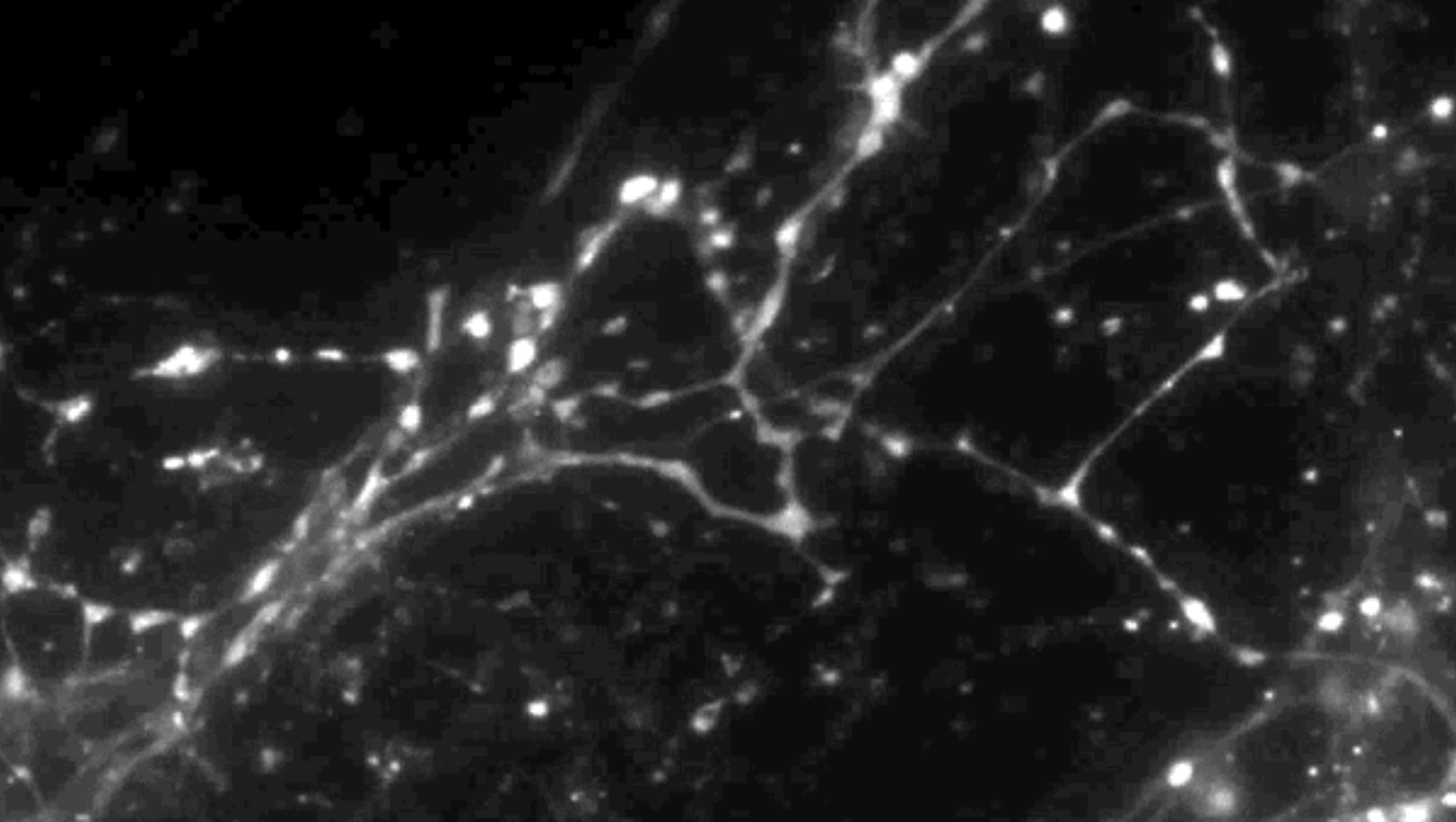








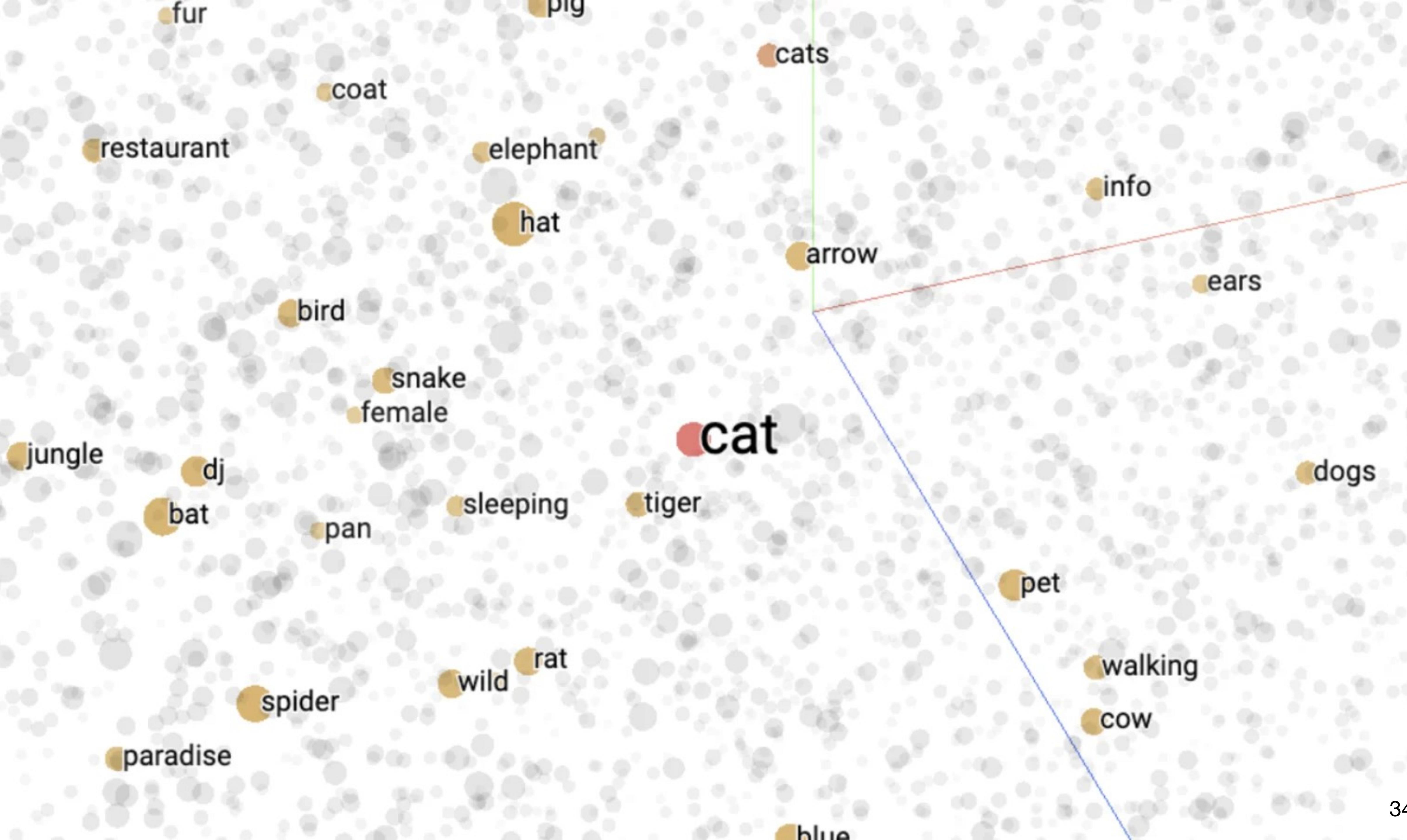








How can I help you today?

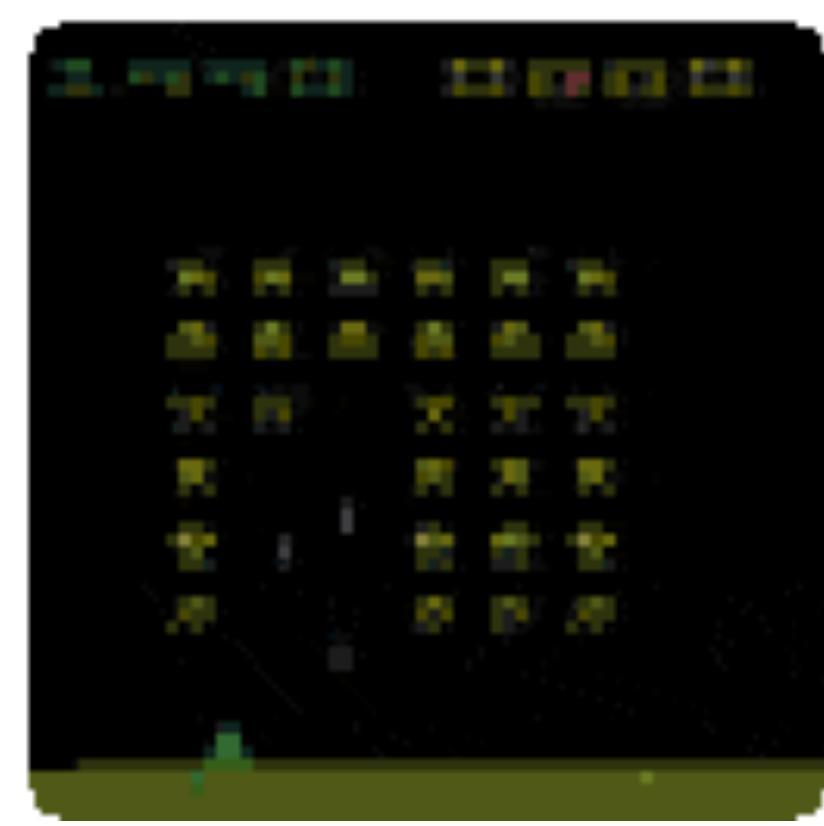
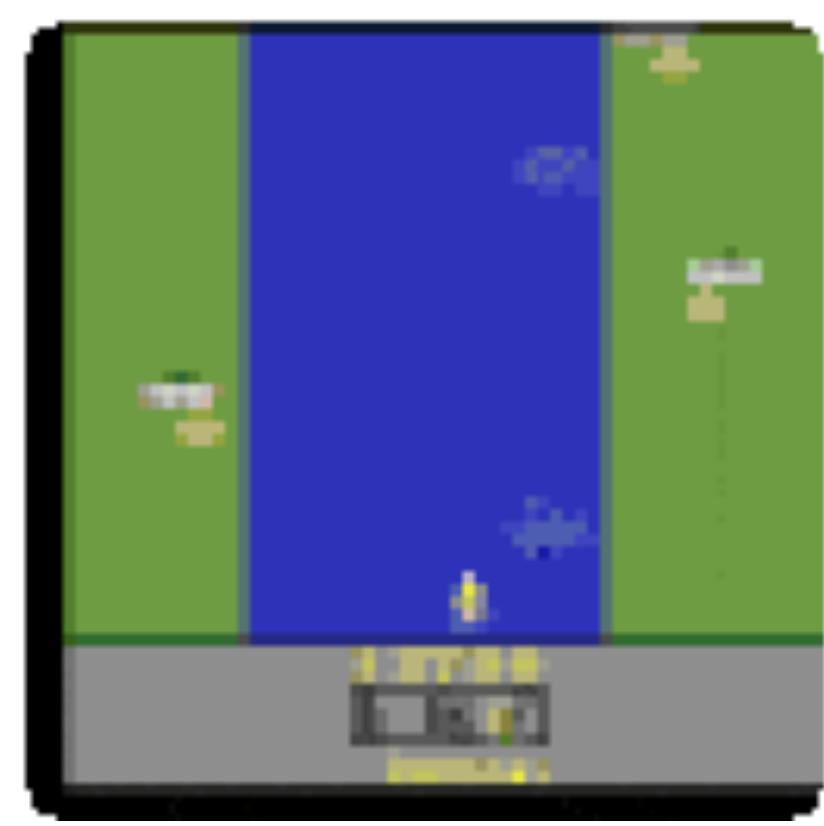
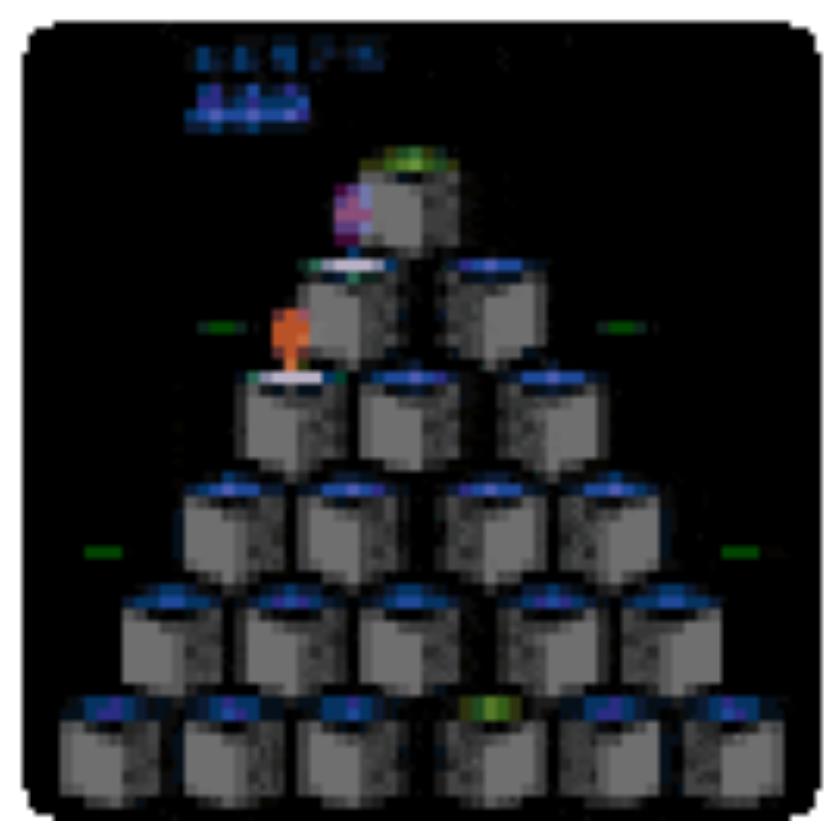
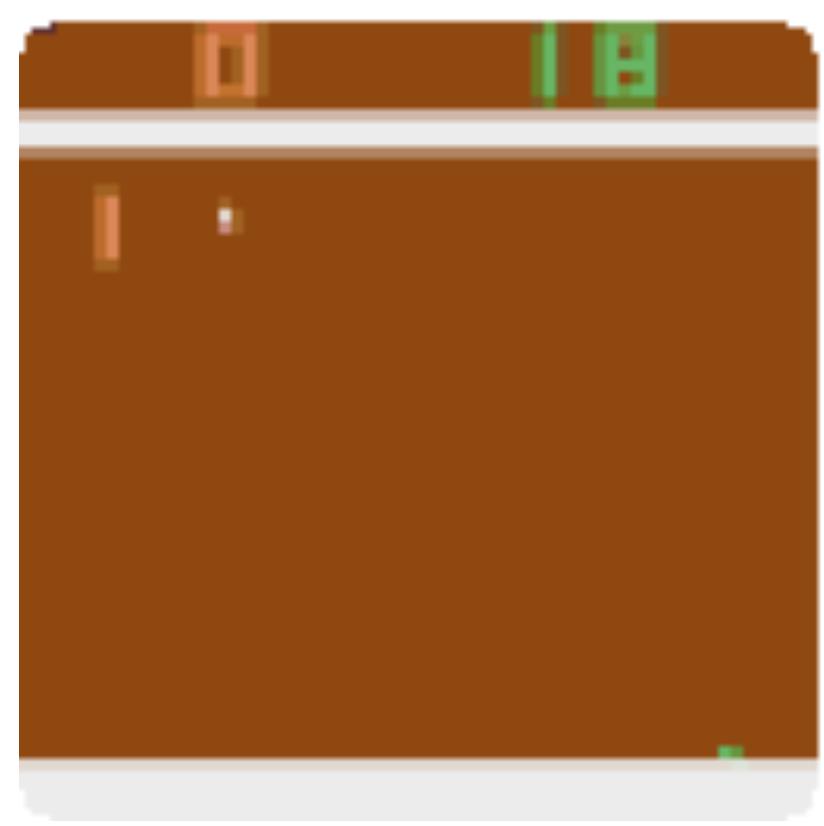
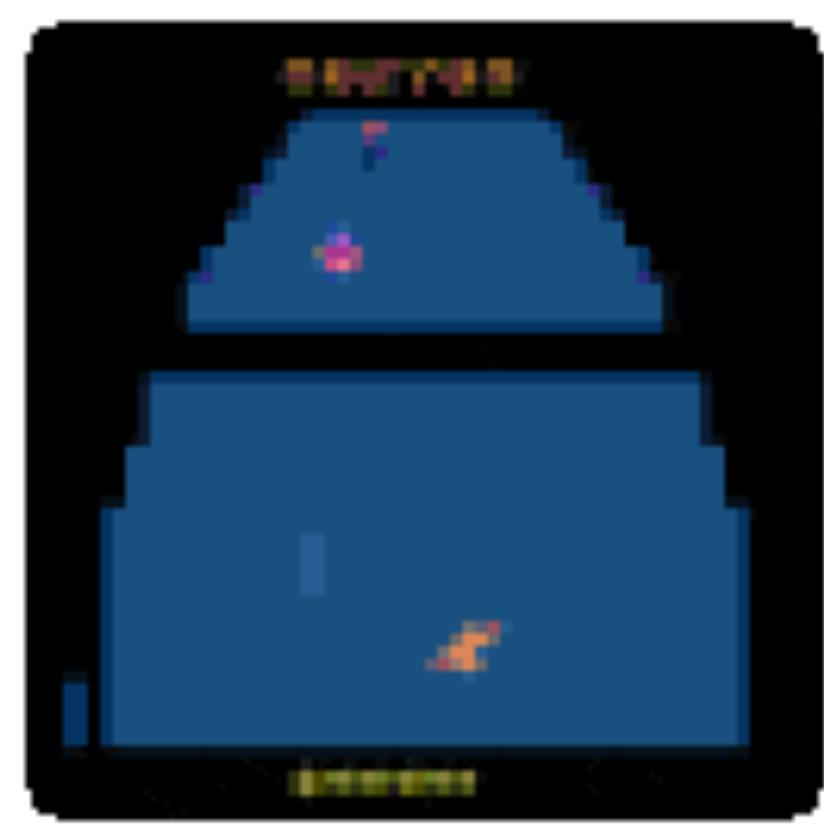
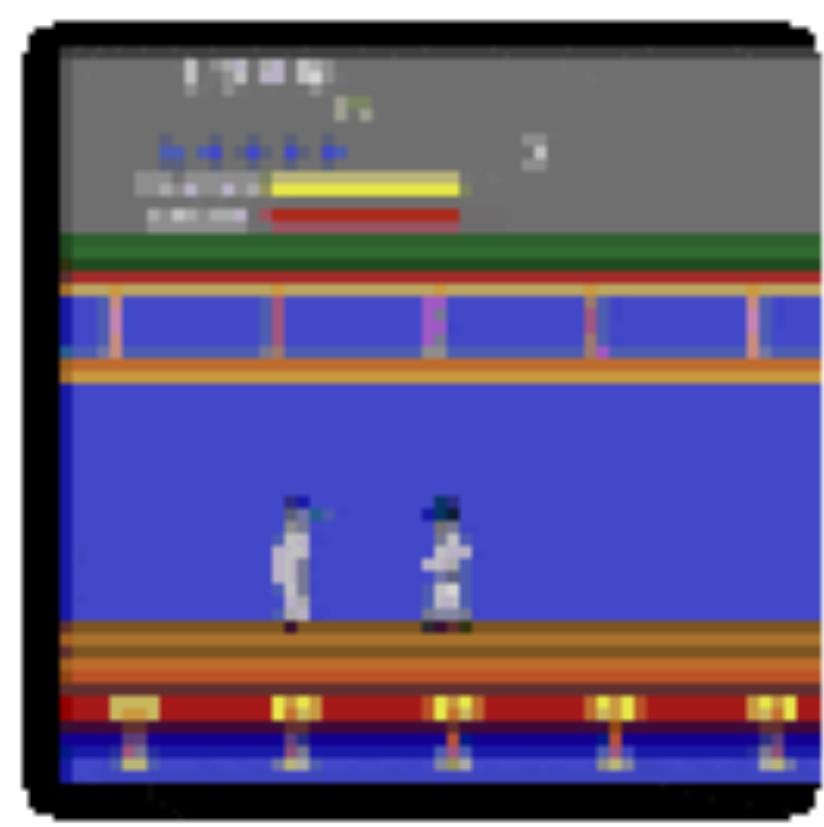
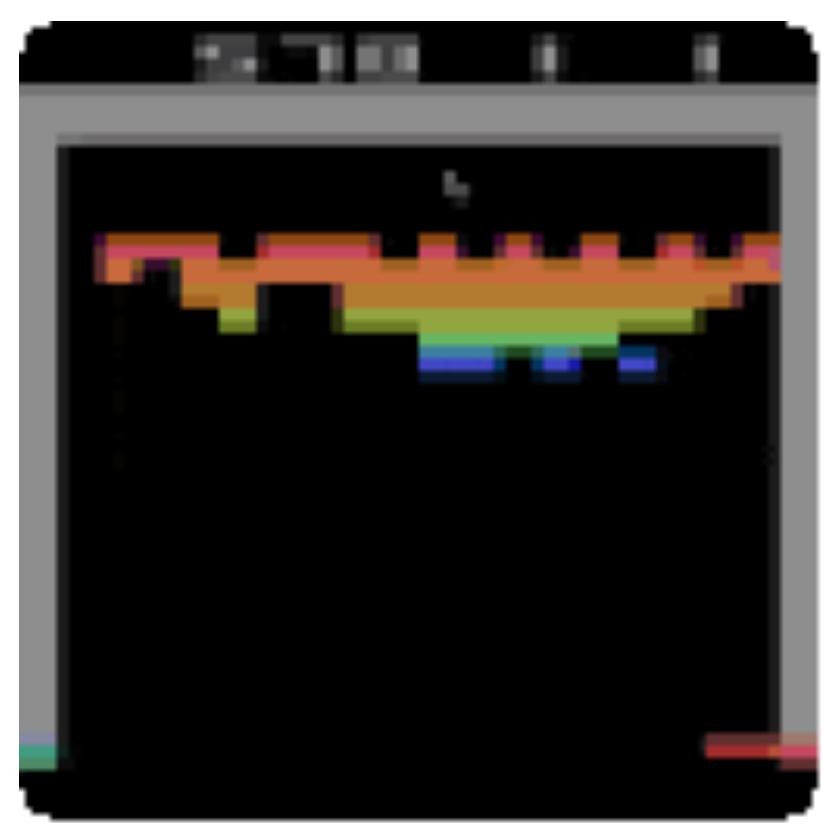






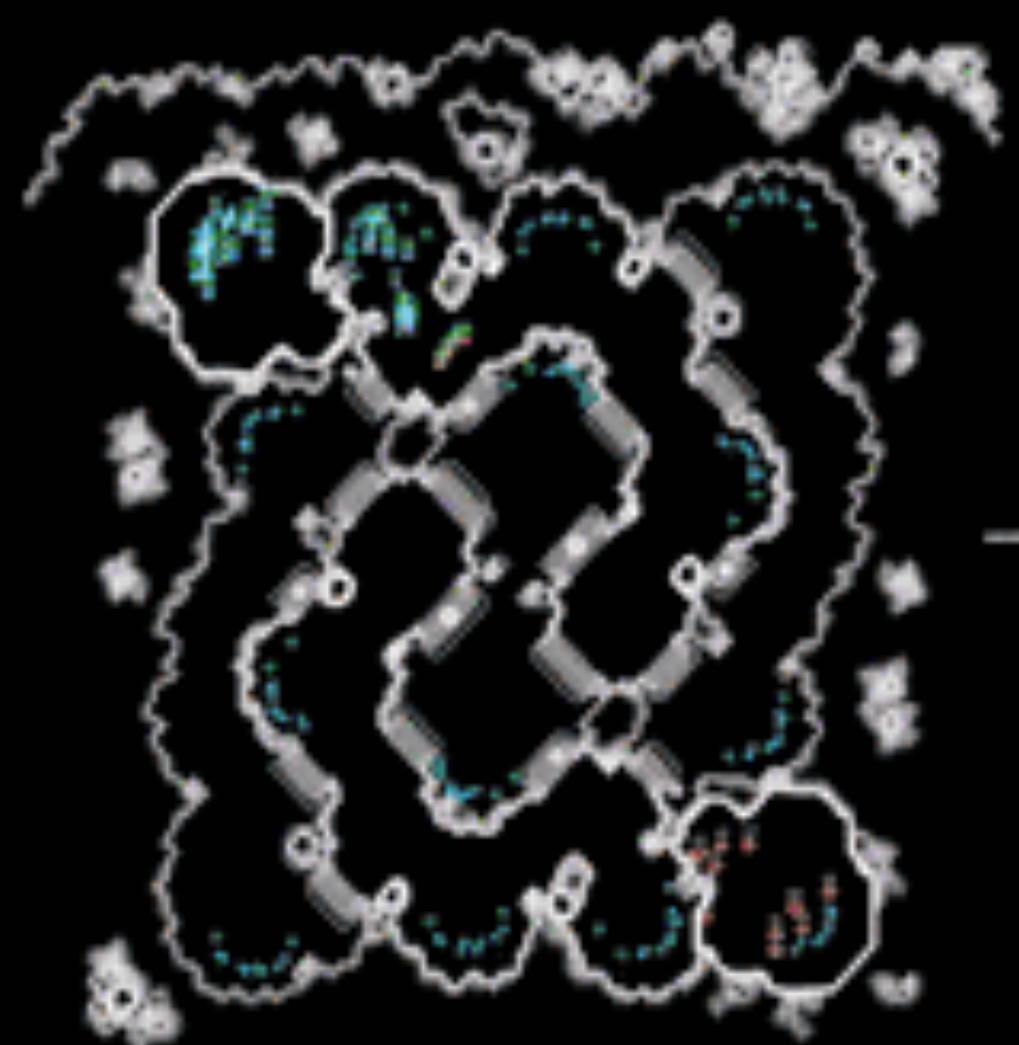




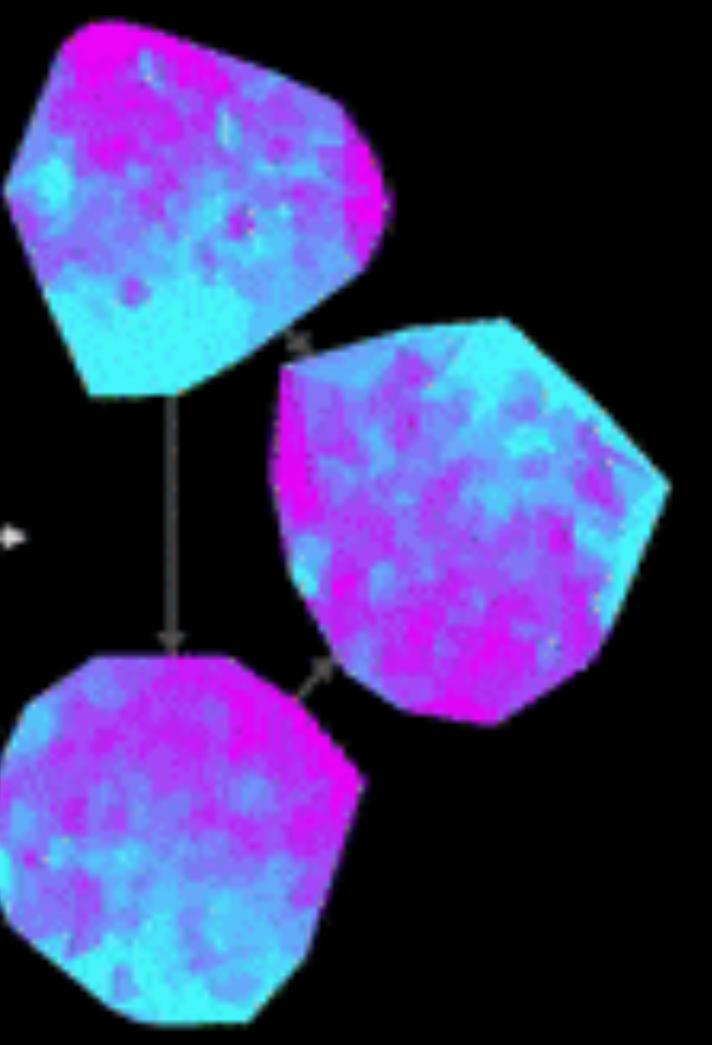




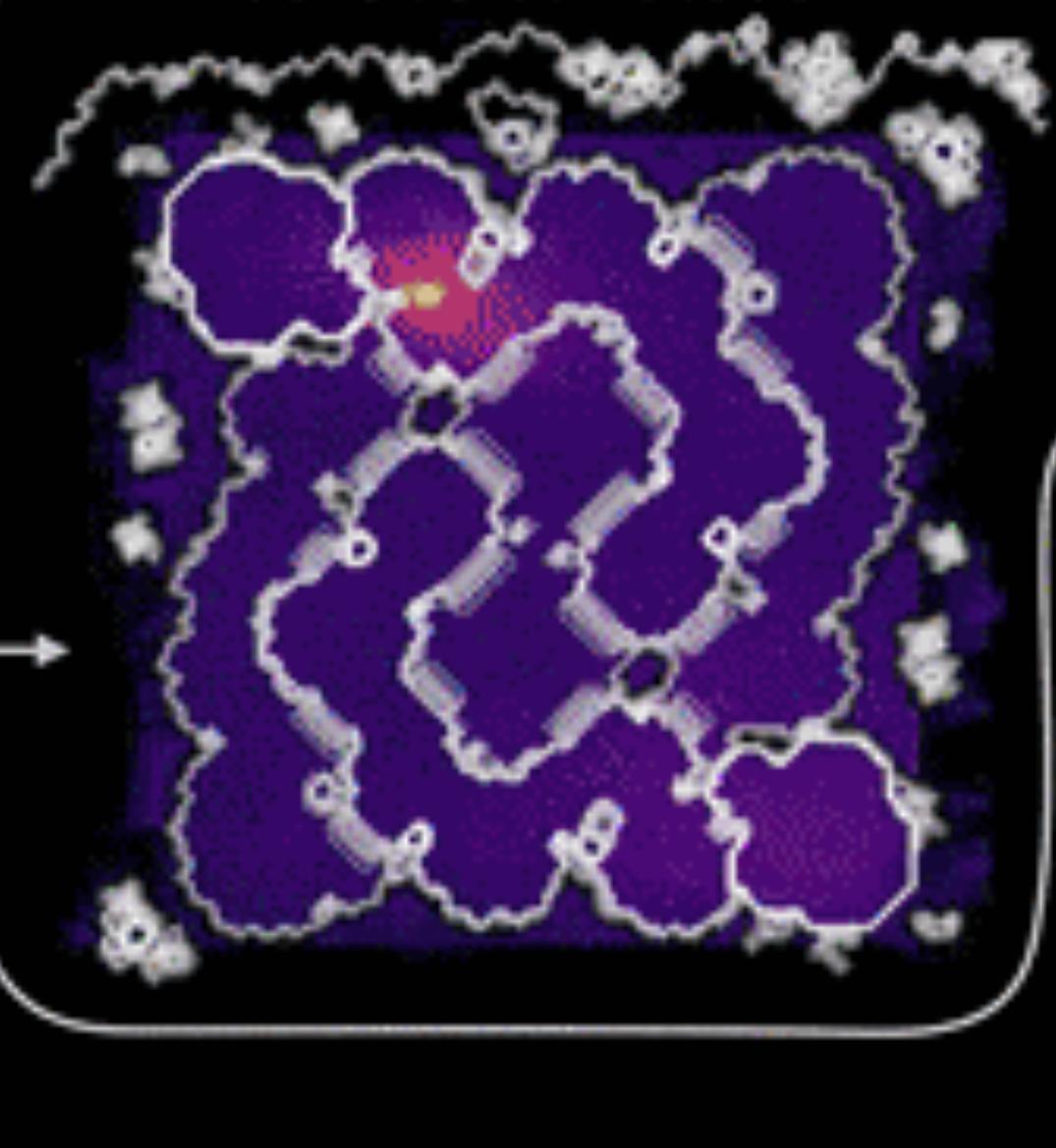
Raw Observations



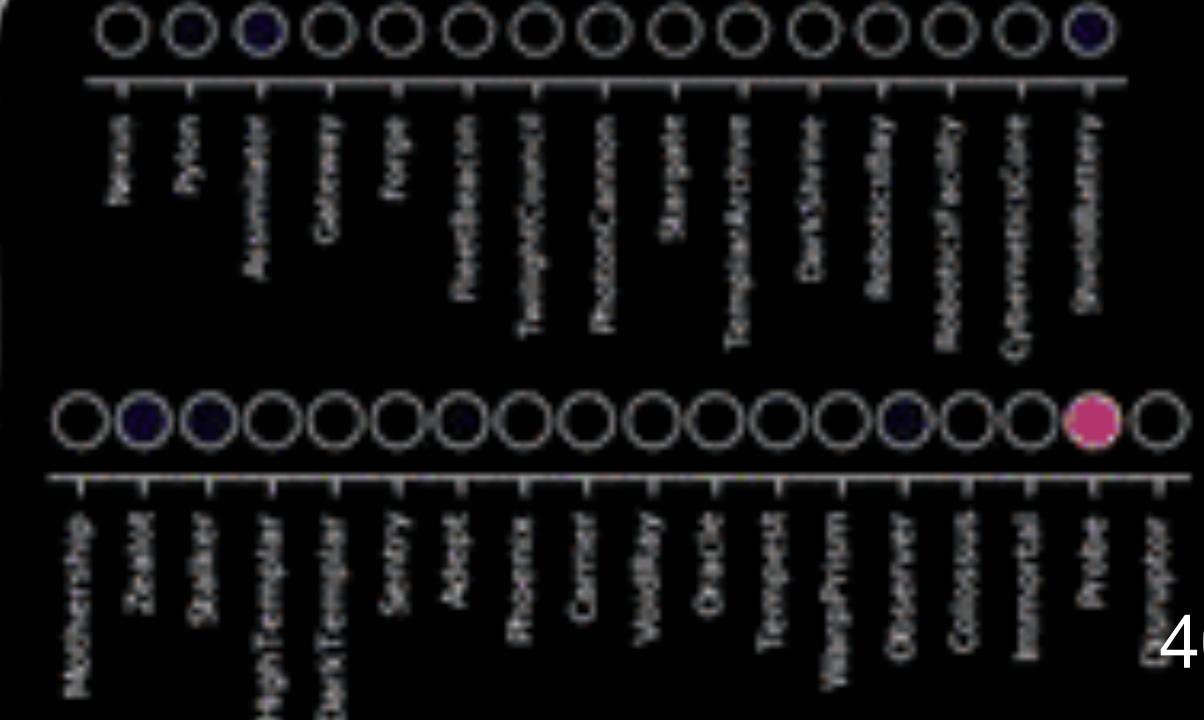
Neural Network Activations



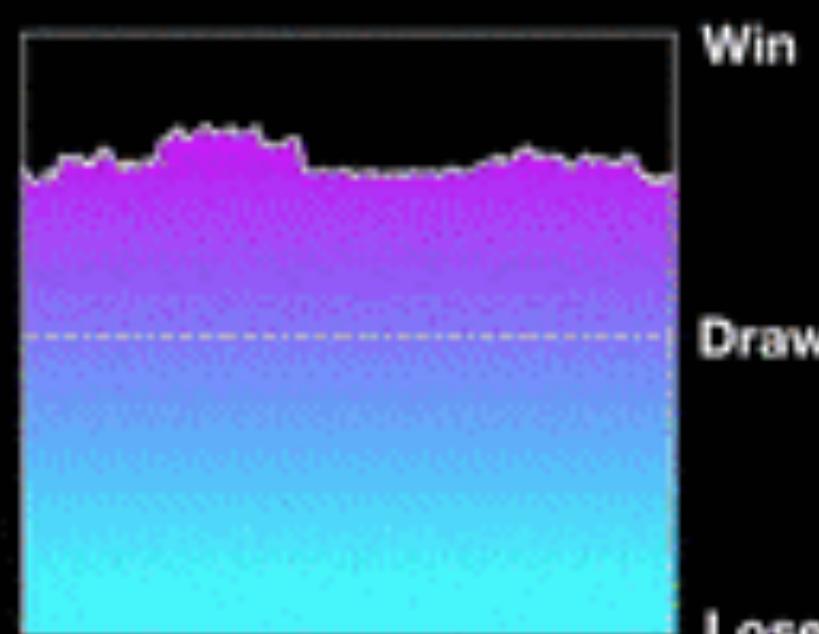
Considered Location

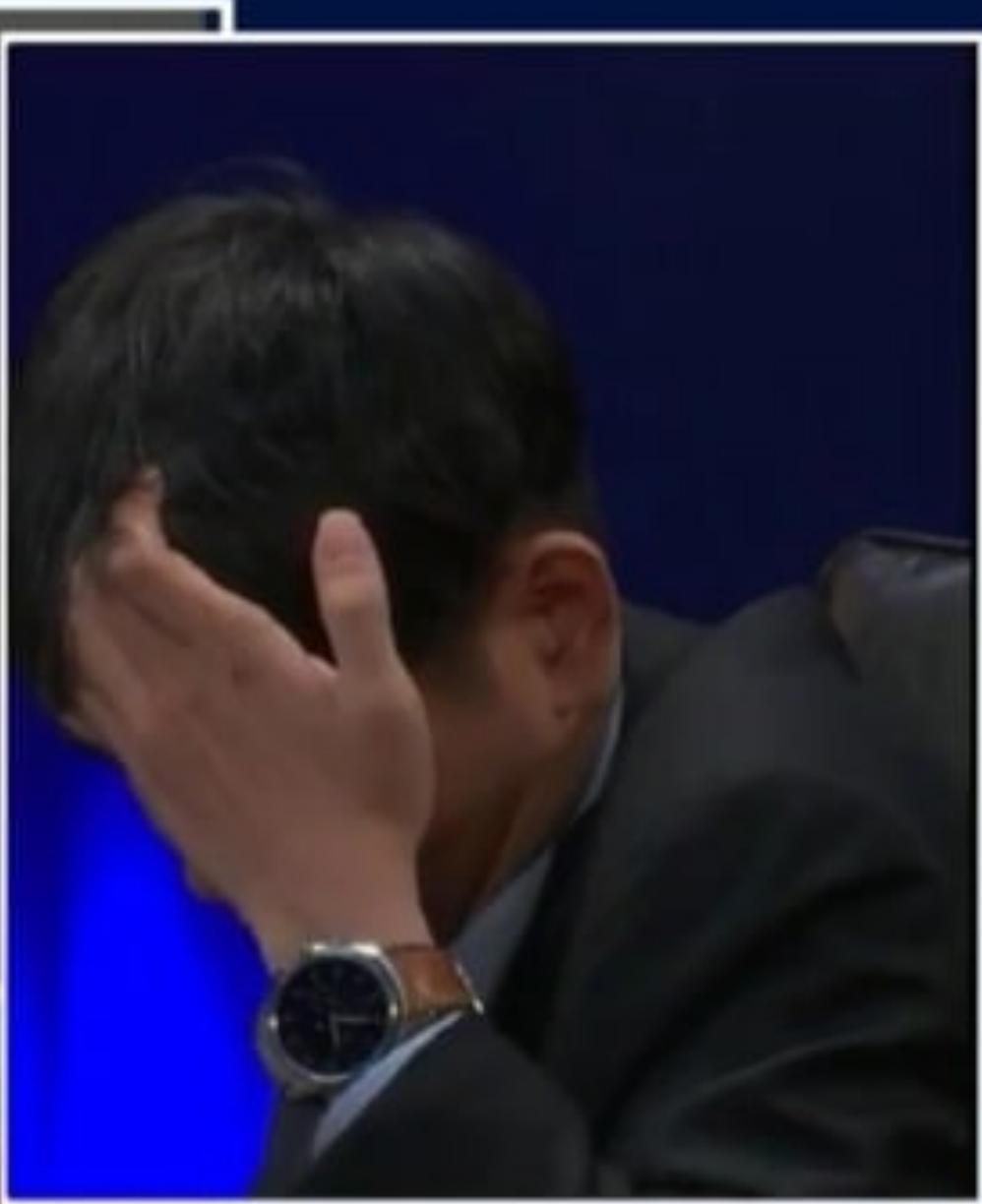
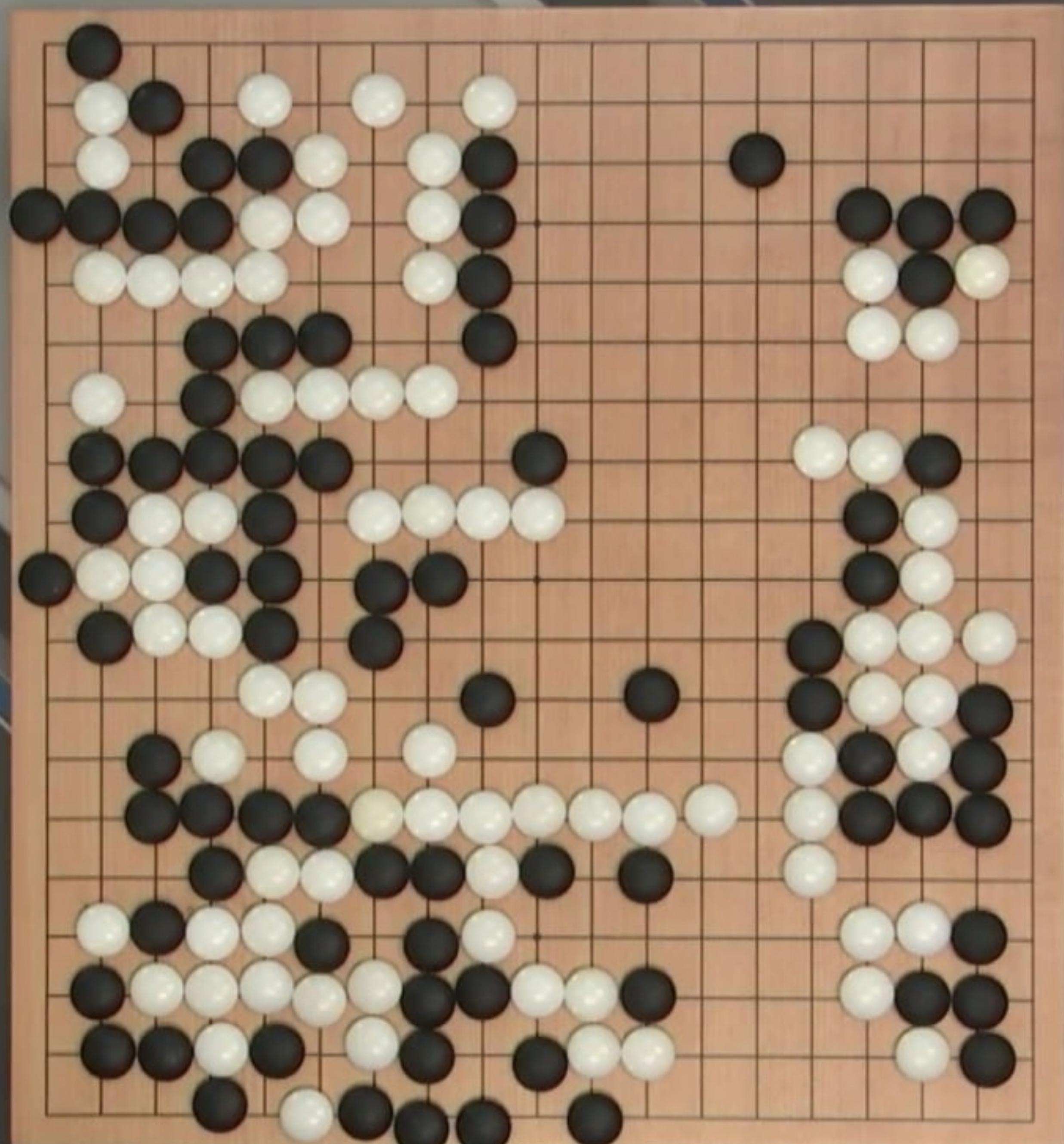


Considered Build/Train

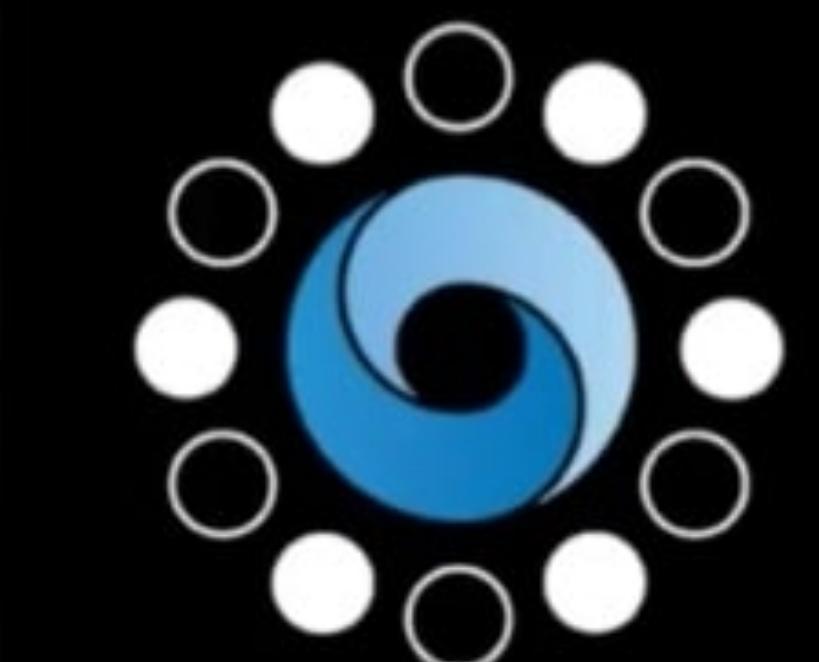


Outcome Prediction



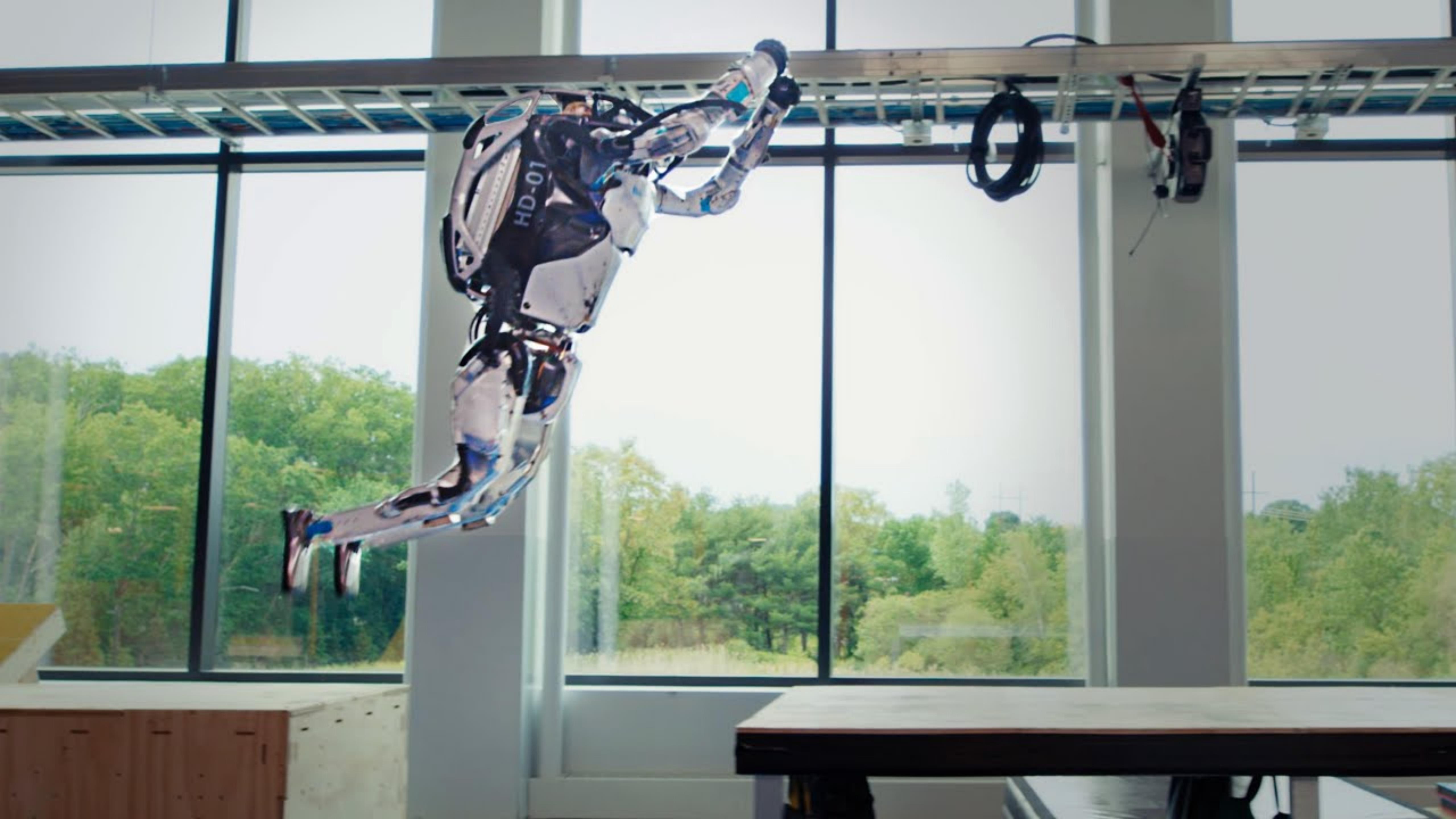


ALPHAGO
00:10:29

 AlphaGo
Google DeepMind

The AlphaGo logo features a blue circular icon with a white swirl pattern, surrounded by several smaller white circles on a black background. Below the icon, the word "AlphaGo" is written in a large, white, sans-serif font, with "Google DeepMind" in a smaller font underneath.

LEE SEDOL
00:01:00





DAILY STAR

THOUGHT FOR THE DAY
Anybody checked if Boris has made his dad a duke today?

10P

CHEAPER THAN THE SUN AND A LOT MORE FUN

WEDNESDAY, AUGUST 5, 2020 PROUD TO SUPPORT OUR NHS 50P

37C

Killer heatwave to scorch Brits P7

UFO PICS 'REAL'

PAGE 15



370K call to axe the Lords

PAGE 8



Half price burgers to help shed weight...

DAWN NEESOM: P17

NOT NOW CYBORGS!

RISE OF THE BOT BURGLARS

Let's hope there's no bleedin' stairs in the house

■ by NADEEM BADSHAH CRAFTY crooks are designing robots that break into homes through the letter box to seek out valuables. The burglar bots can Turn to Page 8

Robot robbers break in through letter box



WEIRDEST QUEEN'S SPEECH EVER?



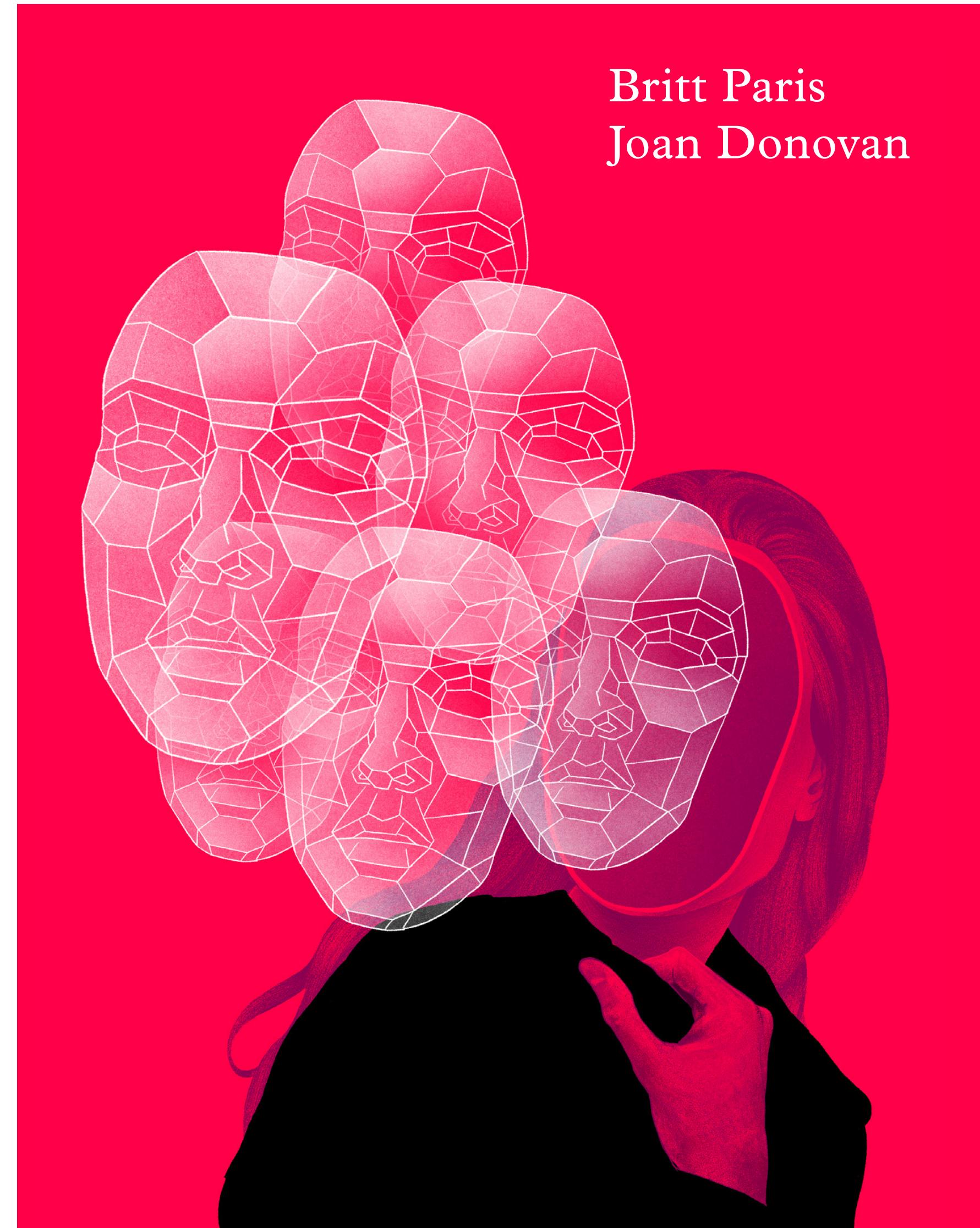


TikTok
DeepTomCruise

DEEPFAKES AND CHEAP FALES

THE MANIPULATION OF
AUDIO AND VISUAL EVIDENCE

Britt Paris
Joan Donovan







Would the real Boris Johnson please stand up?



what if your future... ...is all in the Past?

untied imaginary pictures present

welcome to the

TORMENT NEXUS

ariel aardvark

michael j meerkat

una persson

catherine cornelius

mrs brunner

special appearance by mad jack mcmad 53

a blah-zay blah-zay production



Alex Blechman
@AlexBlechman

...

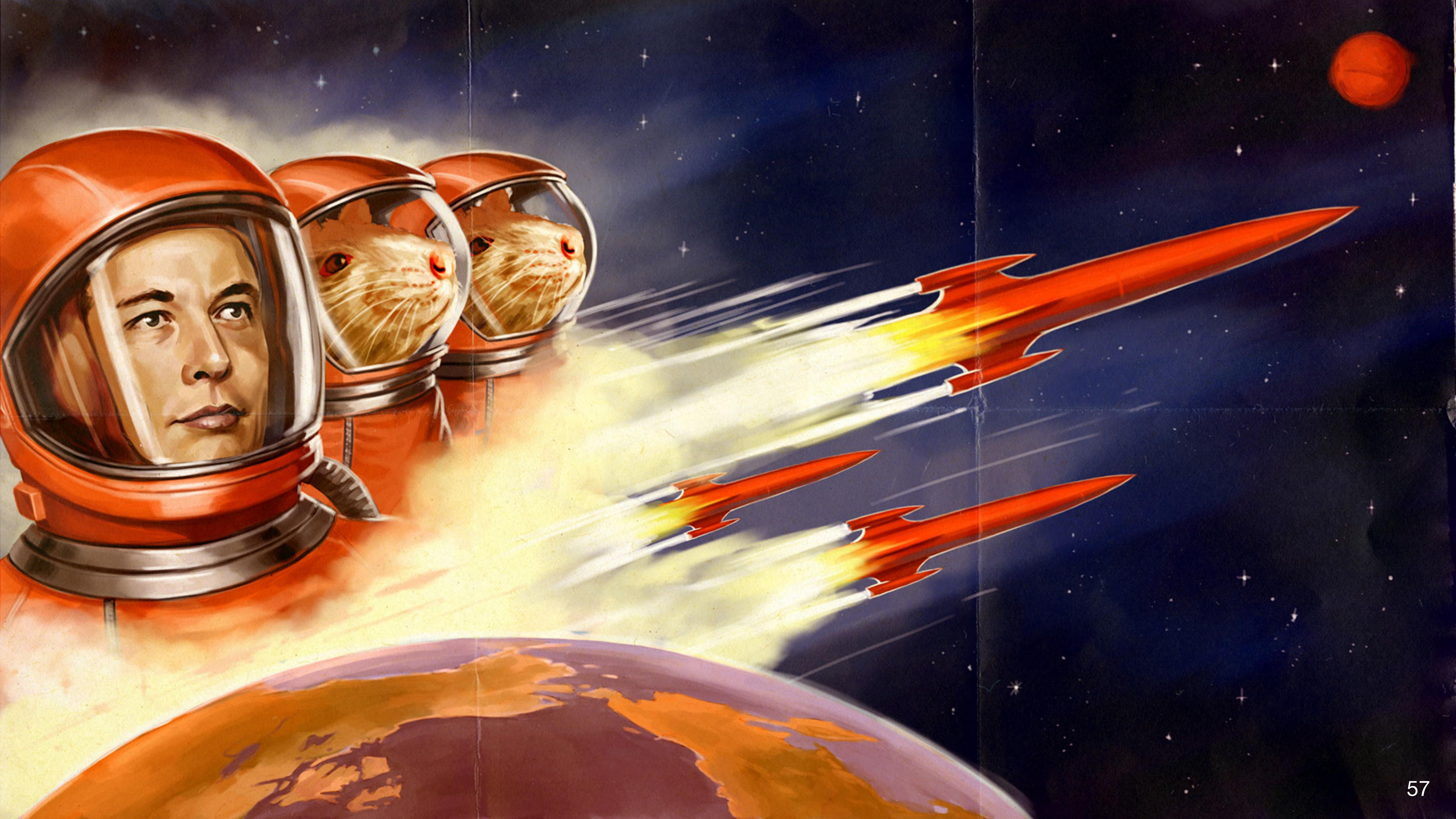
Sci-Fi Author: In my book I invented the
Torment Nexus as a cautionary tale

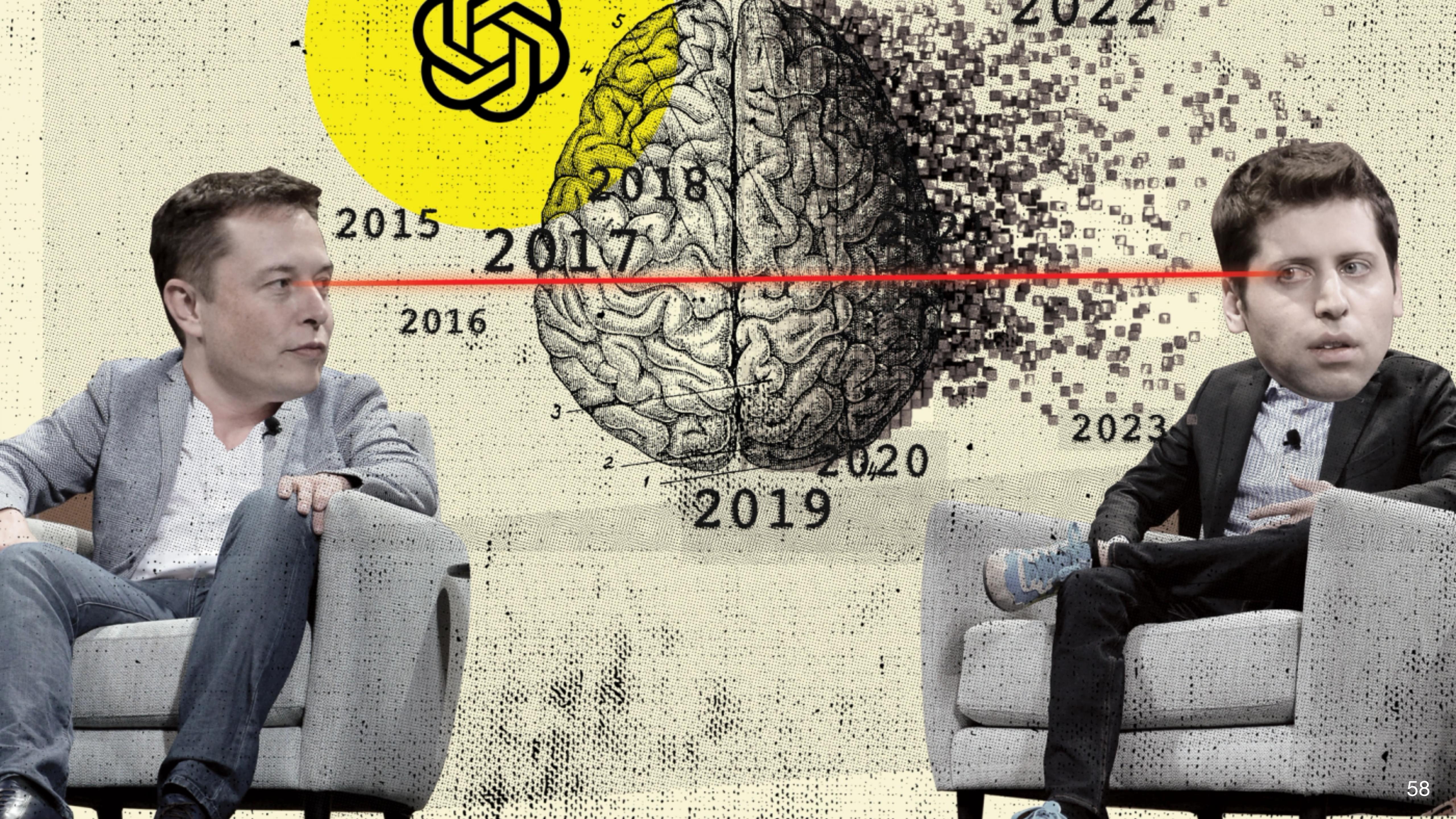
Tech Company: At long last, we have
created the Torment Nexus from
classic sci-fi novel Don't Create The
Torment Nexus

5:49 PM · Nov 8, 2021 · Twitter Web App









ROBOTS
SIRIUS CYBERNETICS CORP.
(MARKETING DIVISION)



ADVERTISING EXEC. TEA LADY

A BUNCH OF MINDLESS JERKS WHO'LL
BE THE FIRST AGAINST THE WALL
WHEN THE REVOLUTION COMES.

Implementing the eschelon...

090233Z

please wait



Questions?

