





Responsible Innovation and Audiovisual Data

Science – Arts – Politics







Beliebige Zeit

Seit 2019

Seit 2018

Seit 2015

Zeitraum wählen...

Nach Relevanz
sortieren

Nach Datum sortieren

Beliebige Sprache
Seiten auf Deutsch

Patente
einschließen
 Zitate einschließen

Alert erstellen

Digitale Dominanz: die Macht von Google, Amazon, Facebook und Apple

M. Moore, D. Tambini - 2018 - books.google.com

... fragt, ob wir unsere Interpretationen des Machtzentrums ändern müssen, um die Natur der **tech giants** zu verstehen ... Patrick Barwise und Leo Watkins liefern Kontext für die folgenden Kapitel und erklären, wie fünf US-amerikanische **Technology**-Unternehmen ... 8] Digital Dominance ...

☆ 99 Zitiert von: 28 Ähnliche Artikel Alle 5 Versionen

[PDF] london.edu

The Evolution of Digital Dominance

P. Barwise, L. Watkins - Digital Dominance: The Power of Google ..., 2018 - books.google.com

... Amazon Web Services stellt beide an Amazon selbst (es entstand aus einer 2005en Strukturierung der Firma's Backend **Technology**) und, zunehmend, an andere, was es die führende Evolution der digitalen ... WILL THE MARKET END THE TECH GIANTS'DIGITAL DOMINANCE ...

☆ 99 Zitiert von: 12 Ähnliche Artikel Alle 4 Versionen

[PDF] kcl.ac.uk

Tech giants and civic power

M. Moore - Centre for the Study of Media, Communication and ..., 2016 - kclpure.kcl.ac.uk

... Und, indem es die potentiellen Gefahren der digitalen **Dominanz** identifiziert, soll es helfen, die notwendigen politischen Antworten auf diese zu informieren ... Es gibt eine erhebliche Verwirrung darüber, was einen 'tech giant' über seine Größe und seine Fokus auf **Technology** ...

☆ 99 Zitiert von: 23 Ähnliche Artikel Alle 4 Versionen »»

[PDF] mathleague.cn

A fearless culture fuels US tech giants

J.B. Stewart - The New York Times, 2015 - mathleague.cn

... verklagte eine europäische **Technology**-Firma auf Markt **Dominanz**? (Antwort: nie.) "There aren't many European **tech** firms with market power in the US ... Seite 2. 6/23/2015 A Fearless Culture Fuels US Tech Giants The New York Times ...

☆ 99 Zitiert von: 8 Ähnliche Artikel »»

Galerkins Lösungsnäherungen bei monotonen Abbildungen

Friedrich Wille

§ 1. Approximation bei stark monotonen Operatoren

Gar mancher hatte Mühe schon
mit seiner Lösungskonstruktion.
Drum haben wir uns ausgedacht
wie man es mit Galerkin macht.

X sei reeller Banachraum,
der außerdem, sonst klappt es
kaum,
in uns'rer mathemat'schen Fabel
ist reflexiv und separabel.
Die Dimension ist endlich nicht,
sonst wär' zu einfach dies Gedicht.
Mit X^* wird, wie wohlbekannt,
der konjugierte Raum benannt.

Aus diesem folgern wir nun schon:
Zu jedem n als Dimension
gibt's einen Raum E_n in X
mit folgenden erlaubten Tricks:

$$E_1 \subset E_2 \subset E_3 \subset \dots, \quad \overline{\bigcup_{n=1}^{\infty} E_n} = X.$$

Nun sei der Operator T ,

$$T: X \rightarrow X^*,$$

den ich als *stetigen* versteh',
im Folgenden stets *monoton*,
das heißt (wir kennen dieses schon):

$\forall x_1, x_2 \in X$:

$$\langle T(x_1) - T(x_2), x_1 - x_2 \rangle \geq 0.$$

Wir wissen dabei aus Erfahrung:
die Winkelklammern sind die
Paarung:

$$\forall y \in X^* \forall x \in X: \langle y, x \rangle = y(x).$$

Stark monoton ist unser T ,
wenn Folgendes erfüllt ich seh':

$\exists \alpha > 0 \forall x_1, x_2 \in X$:

$$\langle T(x_1) - T(x_2), x_1 - x_2 \rangle$$

Mediale Transformations- prozesse

protein basics

Outline:

- Polymers of amino acids
- Order specified by bases in mRNA
- Fold spontaneously into catalytic structures, driven by hydrophobic effects and hydrogen bonds

Learning Objectives:

- Describe protein 1° and 2° structure
- Relate to gene structure



A screenshot of a terminal window titled "ages.c (~src3m) - gedit". The code is a C program that reads a list of ages from the user and then prints out each person's age again a year from now. The code uses a for loop to iterate through the array and printf statements to output the results. The terminal window also shows a "Terminal" tab at the bottom.

```
ages.c (~src3m) - gedit
2
27 // lecture array assignment to store everyone's age
28 int ages[n];
29
30 // get everyone's age
31 for (int i = 0; i < n; i++)
32 {
33     printf("Age of person #%-i: ", i + 1);
34     ages[i] = GetInt();
35 }
36
37 // report everyone's age a year hence
38 printf("Time passes...\n");
39 for (int i = 0; i < n; i++)
40 {
41     printf("A year from now, person %-i will be %i years old.\n", i + 1, age
42 }

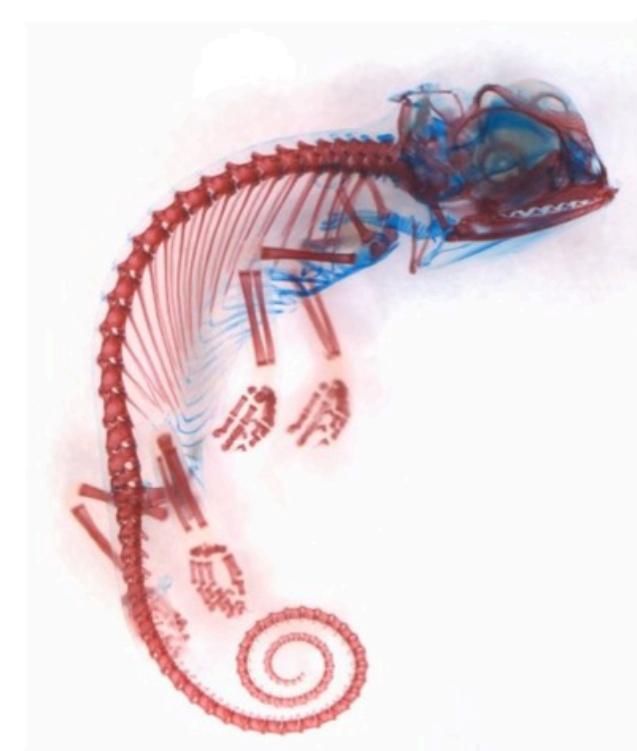
jharvard@appliance:~/src3m: []
```



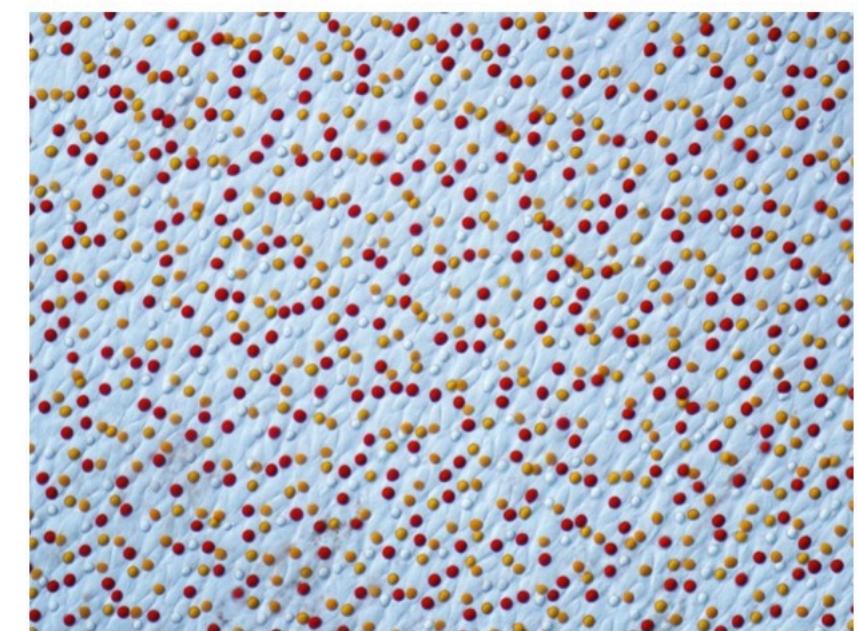
UNIVERSITY OF WASHINGTON

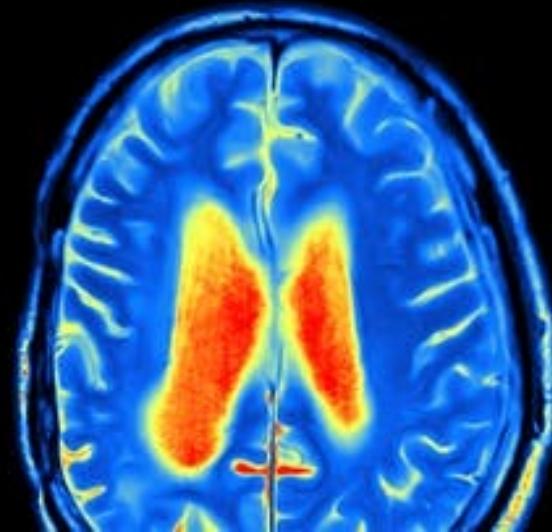
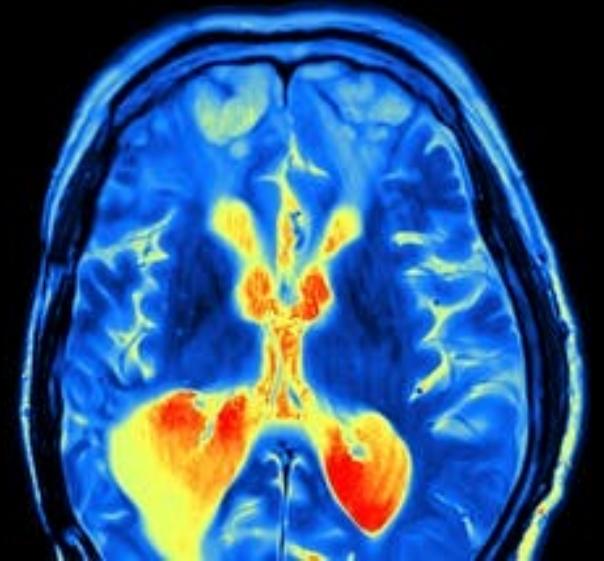
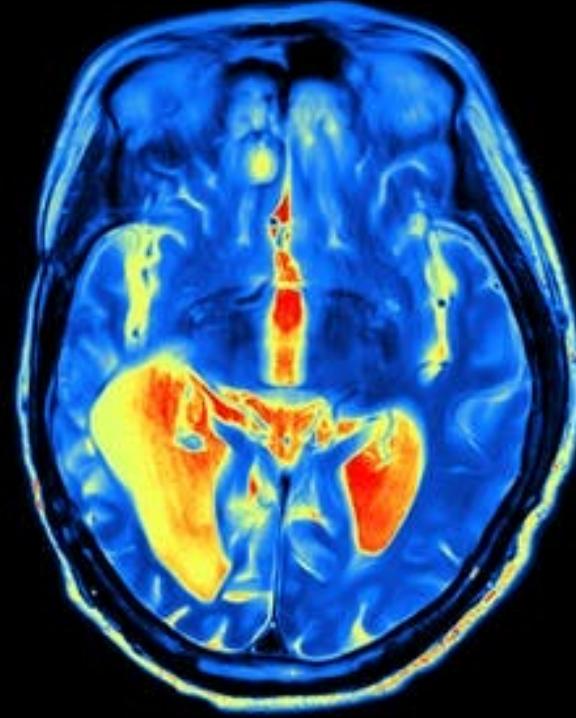
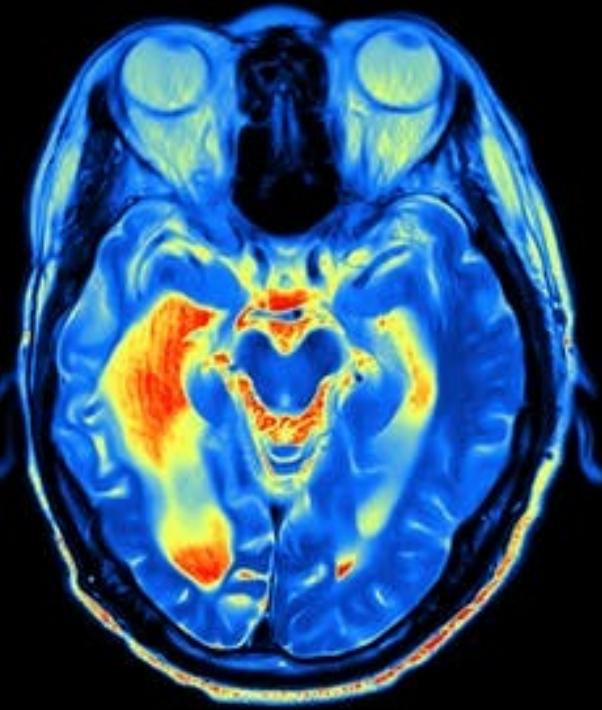
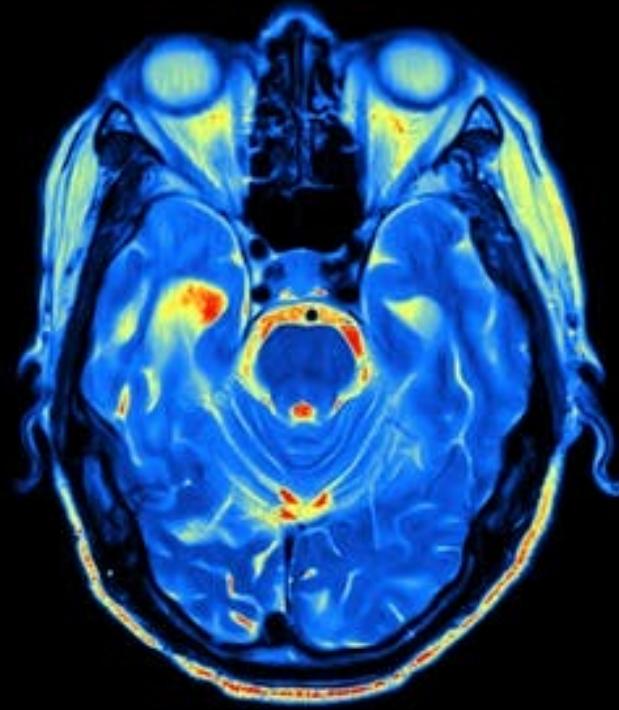
What Does Scalable Mean?

- Operationally:
 - In the past: “Works even if data doesn’t fit in main memory”
 - Now: “Can make use of 1000s of cheap computers”
- Algorithmically:
 - In the past: If you have N data items, you must do no more than N^m operations -- “polynomial time algorithms”
 - Now: If you have N data items, you must do no more than $N^{m/k}$ operations, for some large k
 - Polynomial-time algorithms must be parallelized
 - Soon: If you have N data items, you should do no more than $N * \log(N)$ operations
 - As data sizes go up, you may only get one pass at the data
 - The data is streaming -- you better make that one pass count
 - Ex: Large Synoptic Survey Telescope (30TB / night)



6. Platz:: Der Embryo eines Chamäleons.



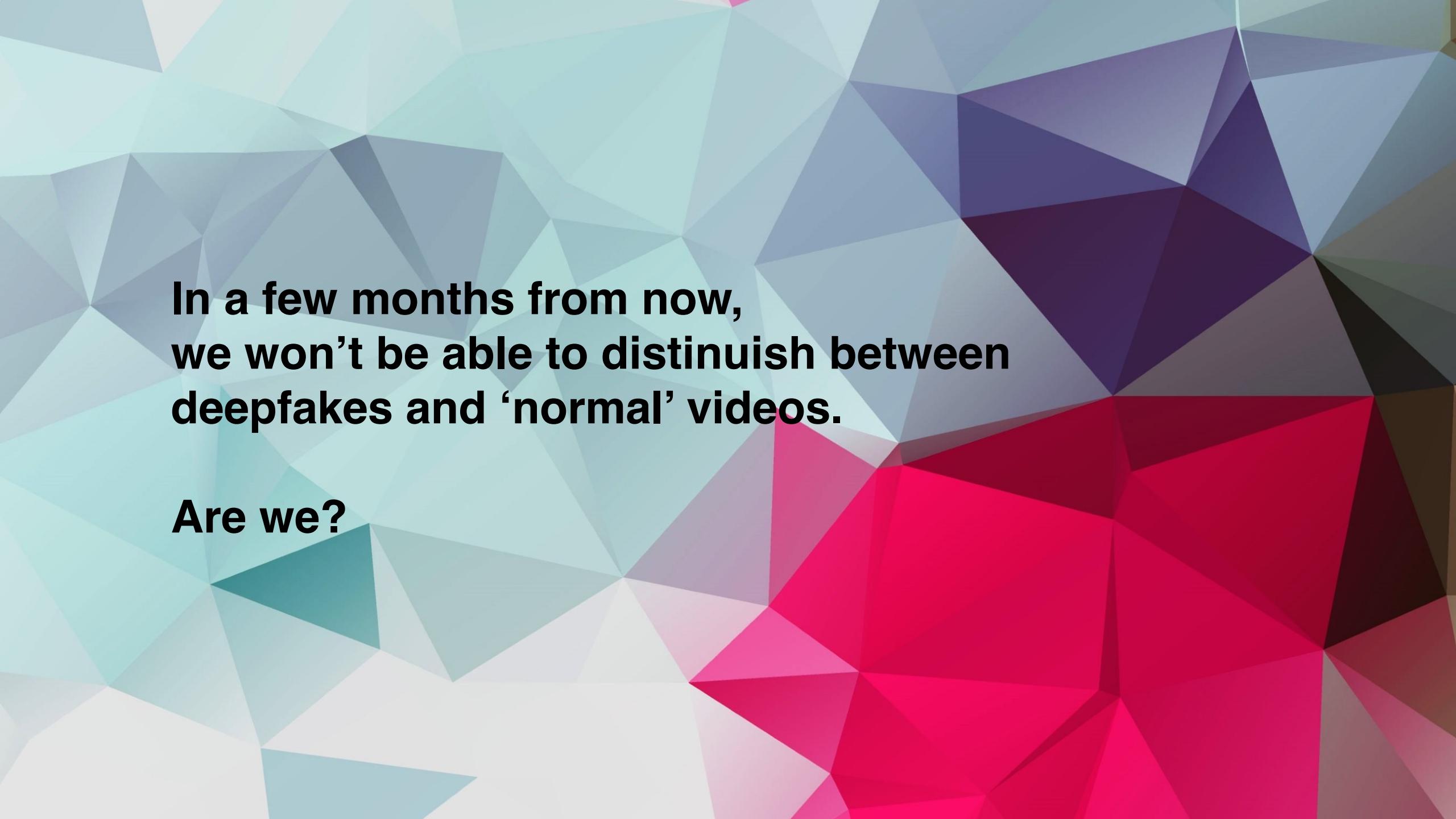


Audiovisual Data – digital skills!

- 1. Multimodality**
- 2. Audiovisual Language**
- 3. Creators and Consumers**

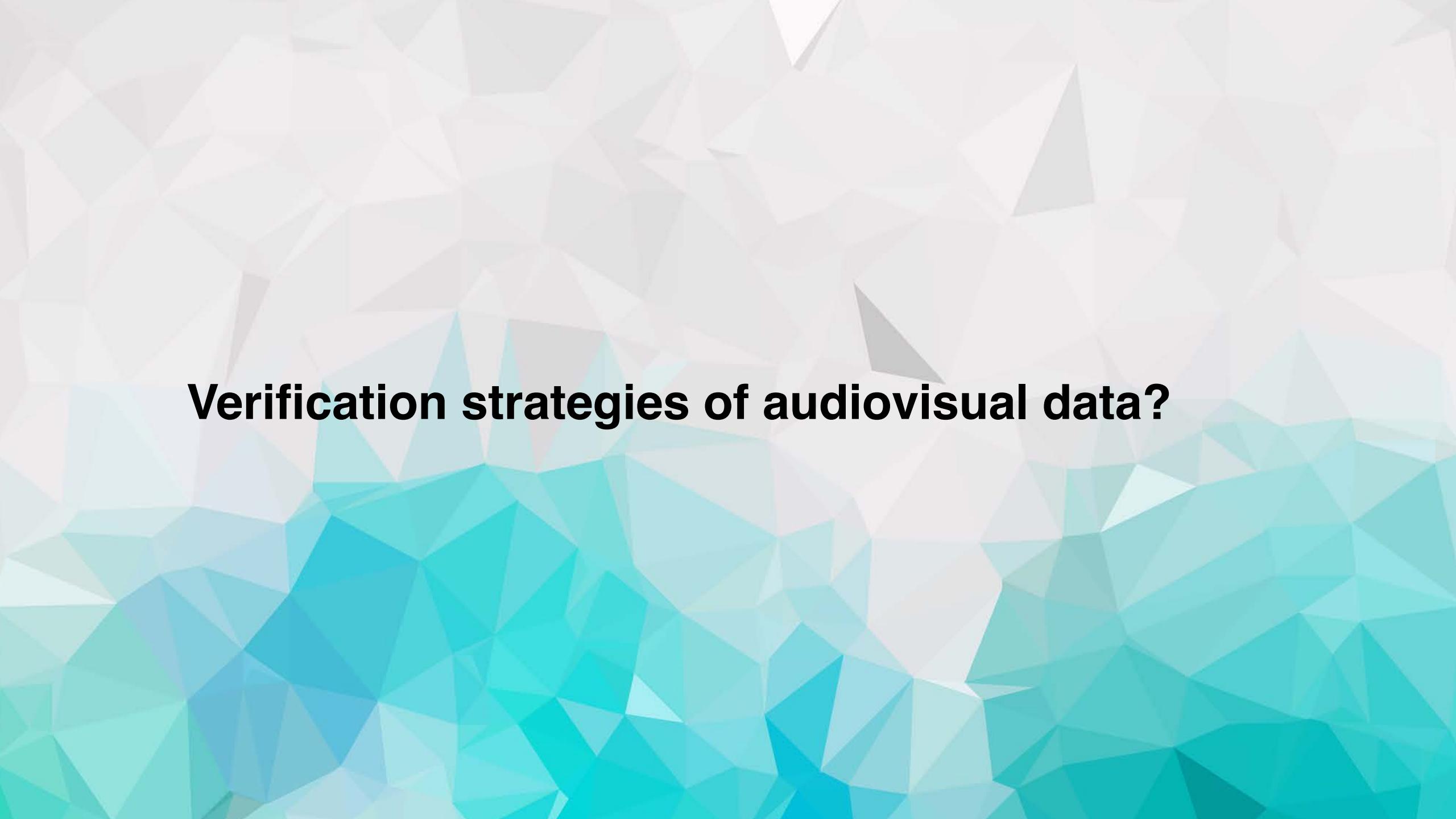
Audiovisual Data

- **From Cave Paintings to Mixed Reality**
- **Data and Storytelling on Interactive Web-Platforms**
- **Sensitive Audiovisual Data in Mixed Reality**
- **Science and Fiction: Future Technology and Society**
- **The Art of Hacking: Of Deepfakes and Toastercats**
- **Speculative Design: Future of Audiovisual Data**



**In a few months from now,
we won't be able to distinguish between
deepfakes and 'normal' videos.**

Are we?



Verification strategies of audiovisual data?



THREAD

In July 2018, a horrifying video began to circulate on social media.

2 women & 2 young children are led away by a group of soldiers. They are blindfolded, forced to the ground, and shot 22 times.

#BBCAfricaEye investigated this atrocity. This is what we found...

Tweet übersetzen



<https://twitter.com/BBCAfrica/status/1044186344153583616>

Various examples on the table.

Discussions; questions...



Lab safety

Visual
Anthropology

Dementia

Remote
sensing

Archaeology

Teachers
Education

Myanmar says the story of these people is “fake news.”



NEXT



Front Page Picture Obama, 2010

The Economist

INSIDE: A 14-PAGE SPECIAL REPORT ON THE HUMAN GENOME

Bill Gates's billionaires' club
How Britain should cut its deficit
Pakistan's dangerous army
Stalin's Kyrgyzstani victims
Norman Macrae, unacknowledged giant

June 19th-25th 2010

Economist.com

Obama v BP

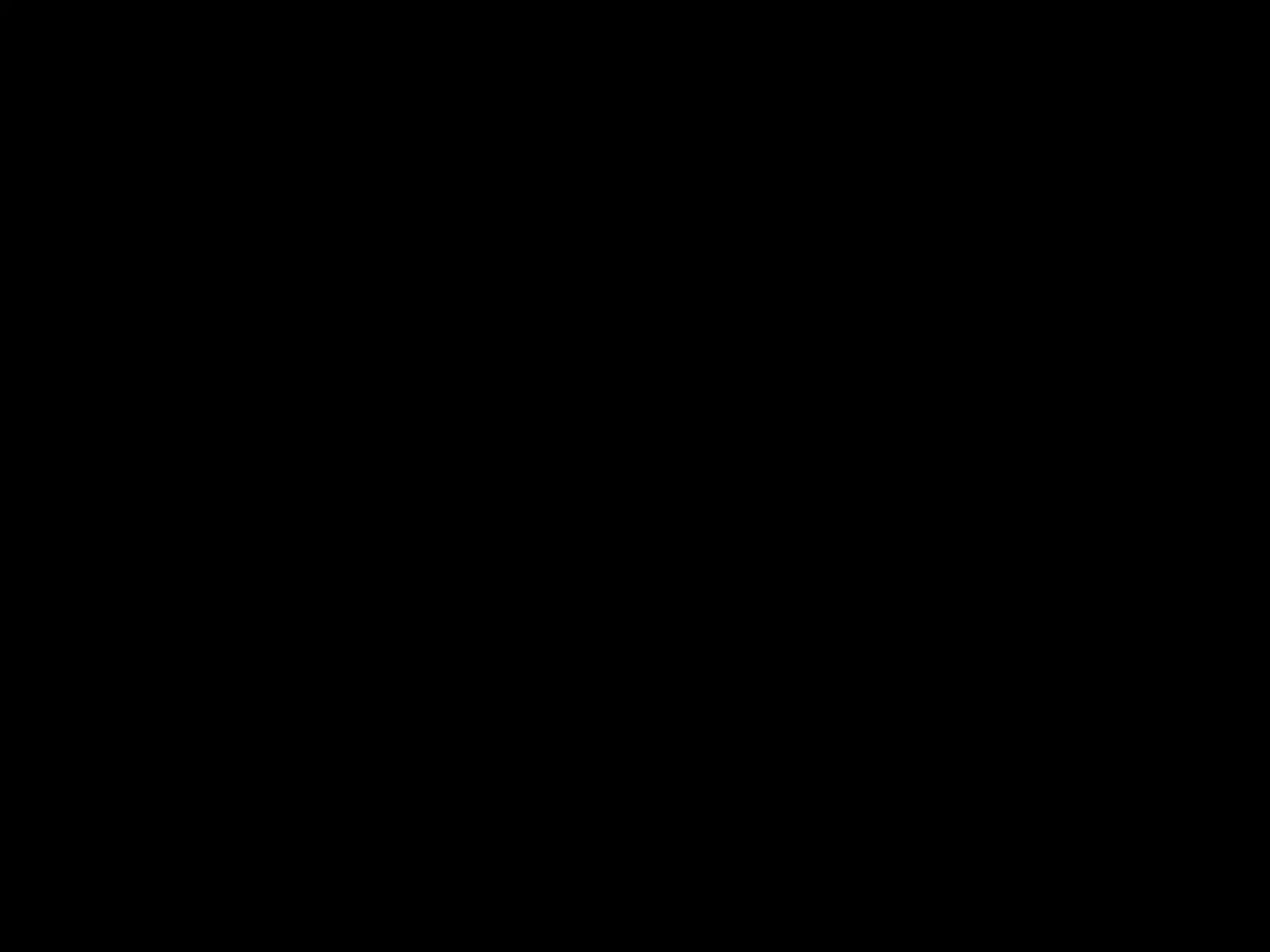
The damage beyond the spill

A magazine cover for "The Economist" from June 19th-25th, 2010. The title "The Economist" is at the top in white on a red background. Below it, the main headline is "Obama v BP" in large black letters. To the right of the headline is a smaller image of President Obama standing on a beach, similar to the one in the photograph above. The sidebar on the right lists several other news items. The bottom left features the text "The damage beyond the spill".

Iconic Pictures

World Trade

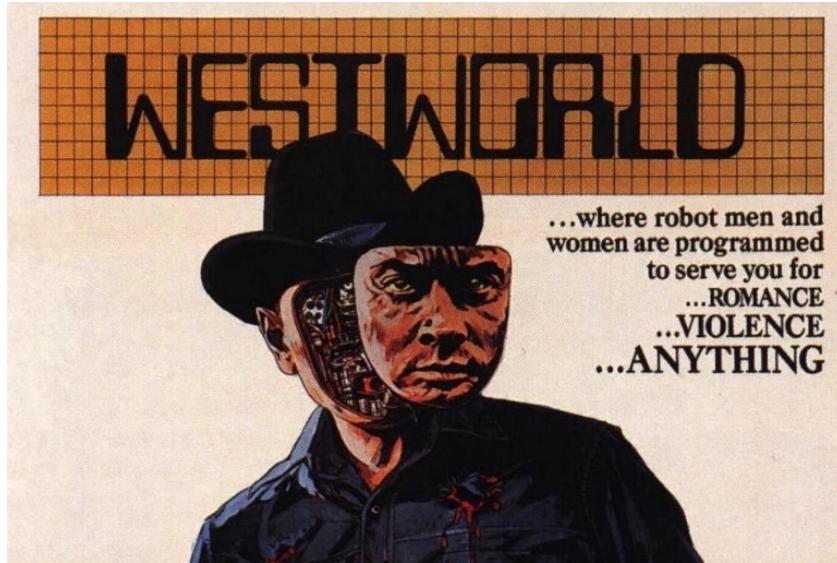
Centre 09/11

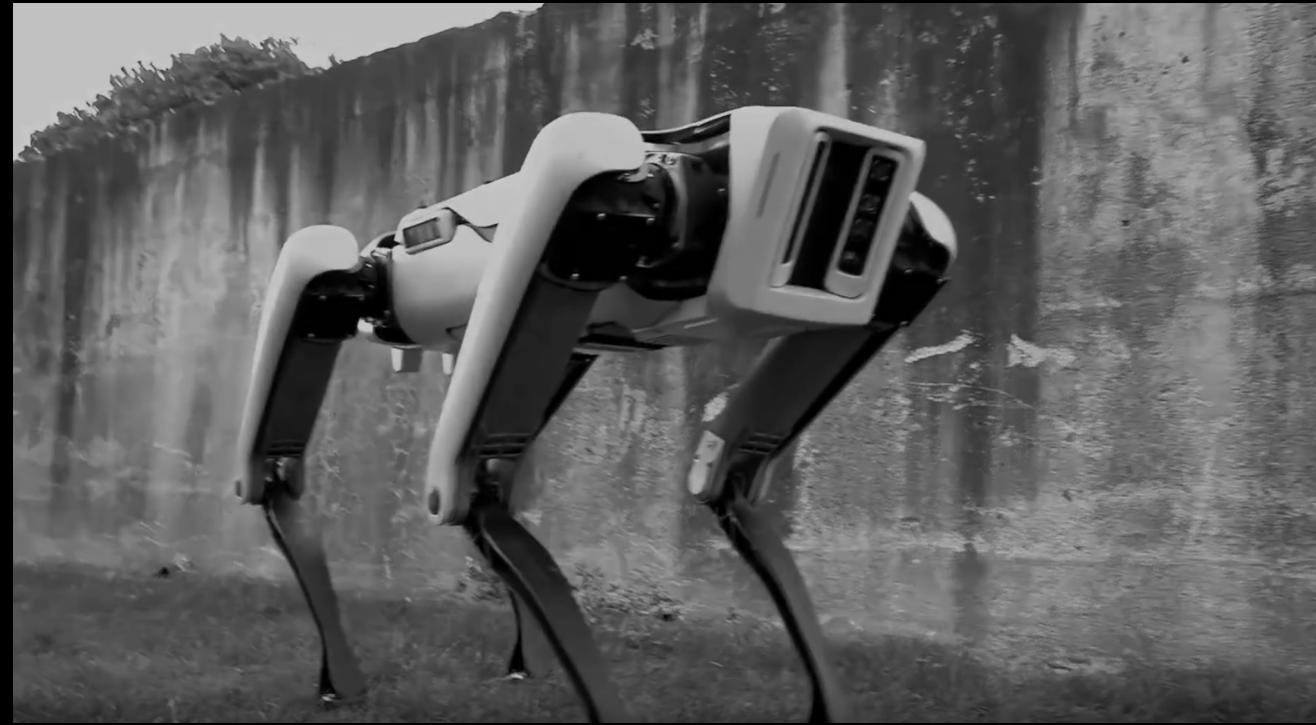




X



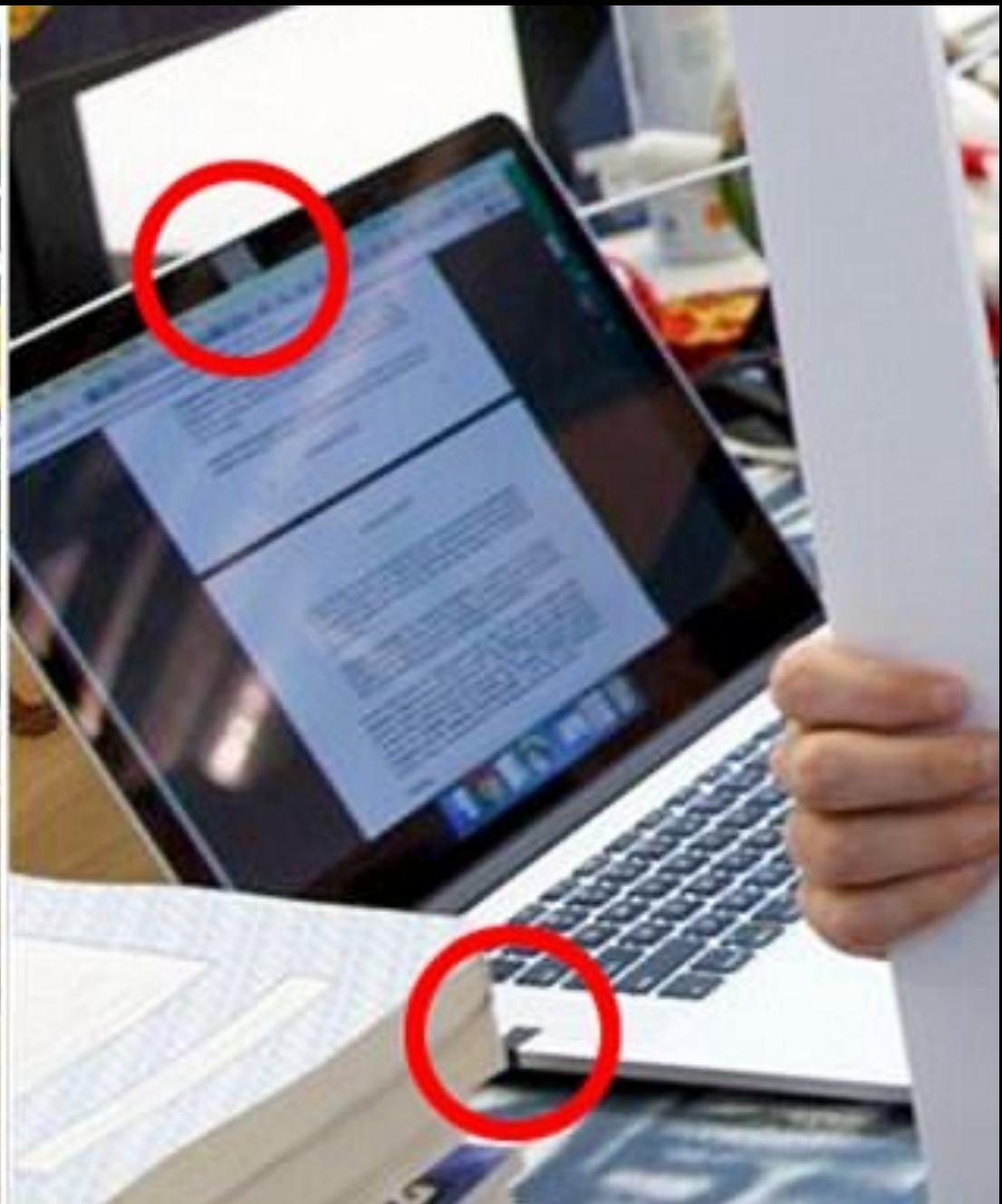
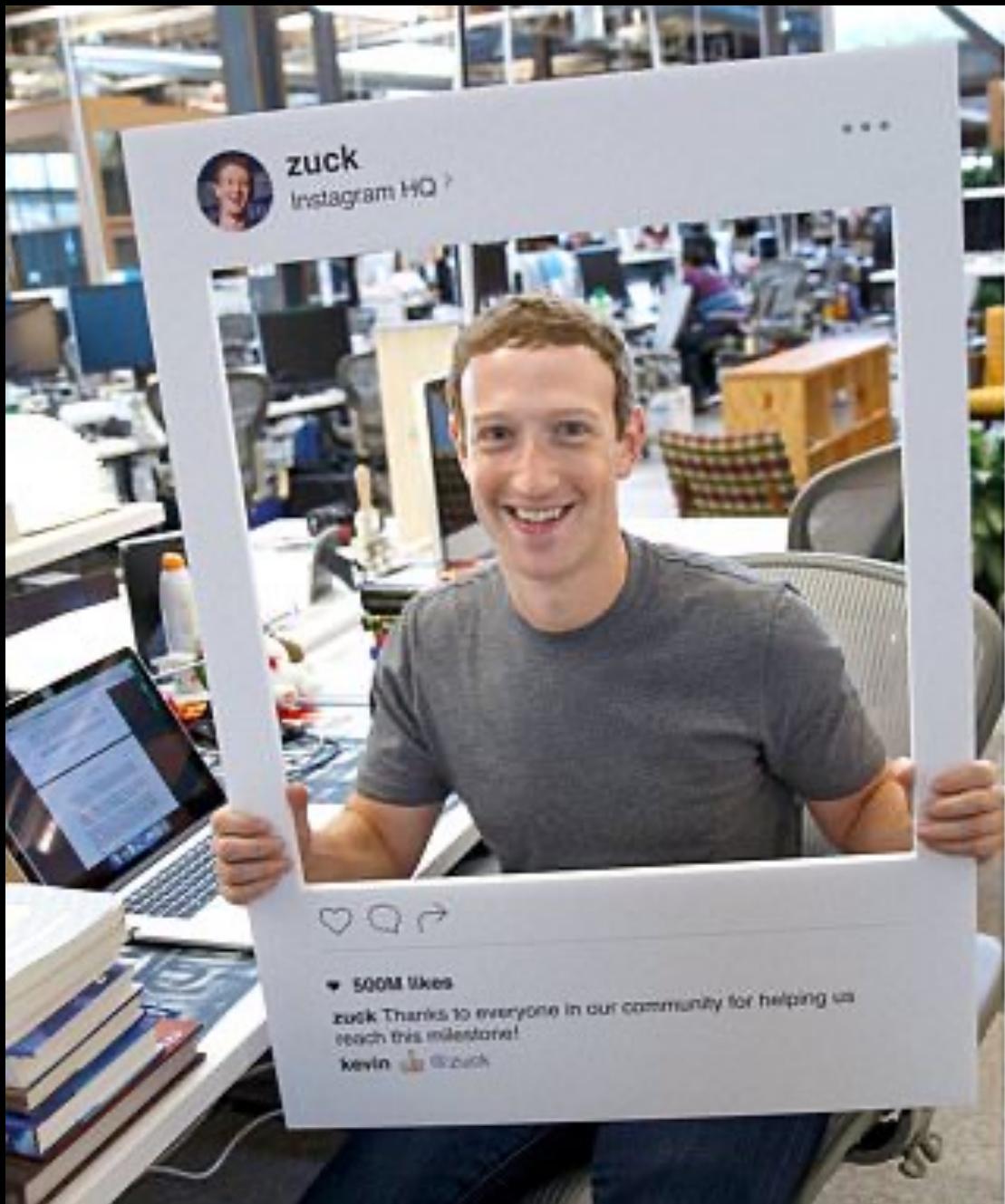




Boston Dynamics



The
Guardian

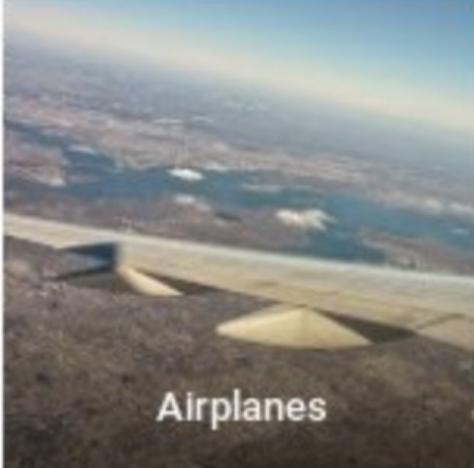




i



Skyscrapers



Airplanes



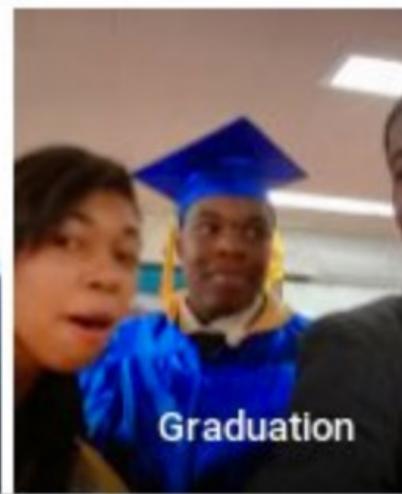
Cars



Bikes



Gorillas



Graduation



Jacky lives on @jalcine@playvicious.social now.



@jackyalcine

Google Photos, y'all fucked up. My friend's not a gorilla.

3:22 AM - Jun 29, 2015

2,294 people are talking about this