

comment
faire des
«new tech»
un atout de la
réussite des
étudiants?

Dr. William Rankin · Director of Educational Innovation
Abilene Christian University · rankinw@acu.edu
dans le cadre de la formation CAS PResS MITIC
Haute École Pédagogique du Canton de Vaud
Lausanne, Suisse · 14 septembre 2012





BIRDS EYE VIEW OF

ABILLENE

TAYLOR COUNTY, TEXAS. 1883.



State Texas
County Faylor

SCHEDULE No. 1.—POPULATION.

Supervisor's District No. 4 Sheet No. 19
Enumeration District No. 151

Township or other division of county Justice Precinct No 4
(Insert name of township, town, precinct, district, or other civil division, as the case may be. See instructions.)

Name of Institution, _____

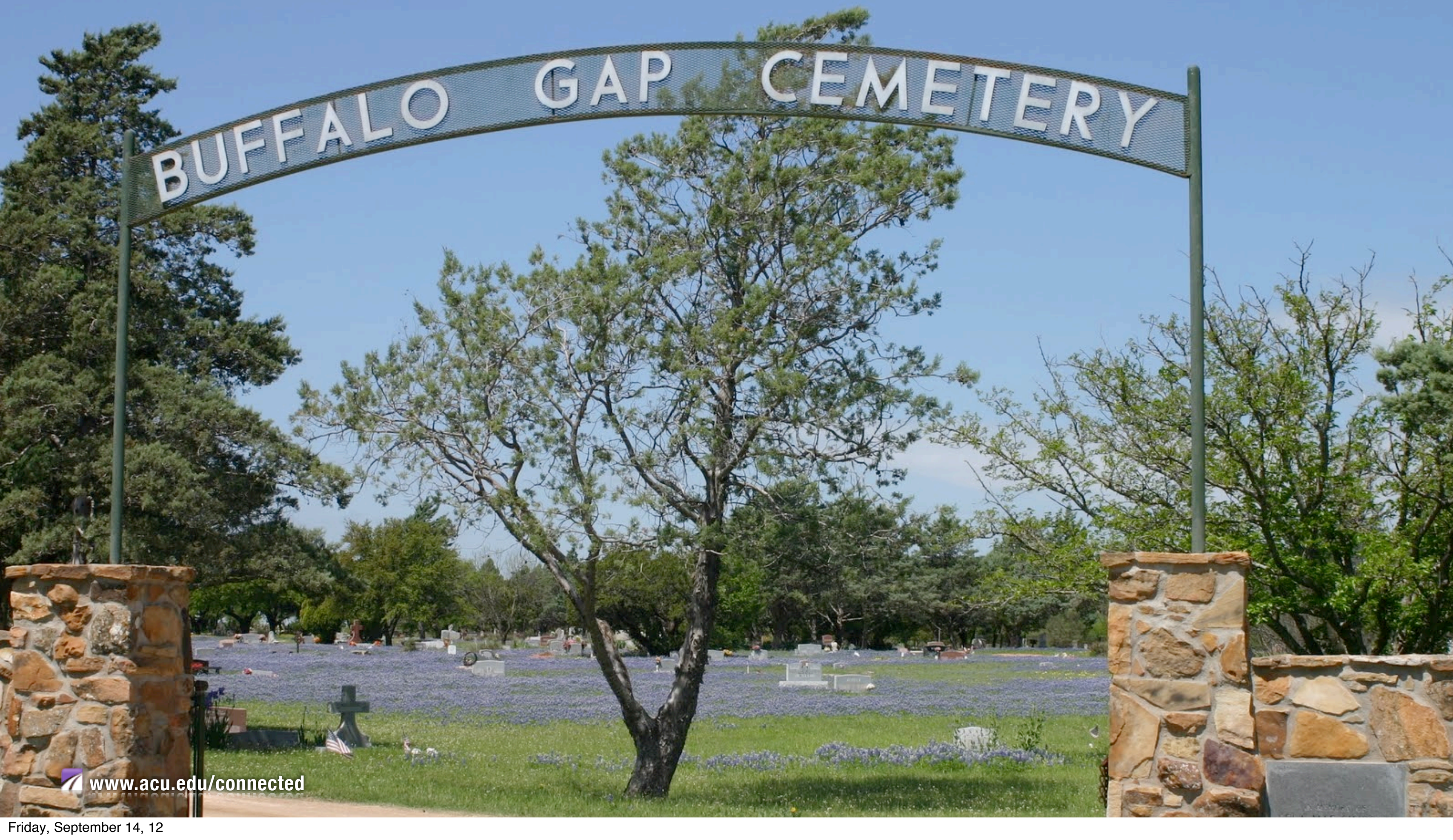
Name of incorporated city, town, or village, within the above-named division, _____ Ward of city, 81

Enumerated by me on the 27 day of June, 1900, John K. Fuller, Enumerator.

LOCATION.			NAME of each person whose place of abode on June 1, 1900, was in this family. Enter surname first, then the given name and middle initial, if any. Exclude every person living on June 1, 1900. Omit children born since June 1, 1900.	RELATION. Relationship of each person to the head of the family.	PERSONAL DESCRIPTION.							NATIVITY.			CITIZENSHIP.			OCCUPATION, TRADE, OR PROFESSION of each person TEN YEARS of age and over. OCCUPATION.	EDUCATION.				OWNERSHIP OF HOME.				
IN CITIES.	Street.	House Number.			Color or race.	Sex.	DATE OF BIRTH. Month. Year.	Age at last birthday.	Whether single, married, widowed, or divorced.	Number of years married.	Number of how many children.	Number of those children living.	Place of birth of this person.	Place of birth of father of this person.	Place of birth of mother of this person.	Year of immigration to the United States.	Number of years in the United States.		Naturalization.	Months not employed.	Attended school (in months).	Can read.	Can write.	Can speak English.	Owned or rented.	Owned free or mortgaged.	Farm or house.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
			Henson Emmitine	daughter	W F	Feb 1878	22					Texas	Alabama	Alabama					at sch	3	no	no	no				
			Litter A	daughter	W F	Oct 1898	1					Texas	Alabama	Alabama													
			James H	son	W M	Aug 1872	28					Texas	Alabama	Alabama													
			Leola	daughter	W F	Aug 1897	3					Indian Territory	Alabama	Alabama													
			Emmitt J	son	W M	Jan 1875	25					Texas	Alabama	Alabama													
			Calcutt Robert	head	W M	Aug 1867	32		10			Texas	Louisiana	Tennessee					farmer								
			Emmer S	wife	W F	Oct 1878	21		6	6		Texas	Georgia	Alabama													
			Martha E	daughter	W F	Sept 1850	50					Texas	Texas	Texas					at sch	3	no	no	no				
			Hessie M	daughter	W F	May 1852	48					Texas	Texas	Texas					at sch	3	no	no	no				
			Maud E	daughter	W F	Mar 1850	50					Texas	Texas	Texas					at sch	3	no	no	no				
			Clarke	son	W M	Jan 1856	44					Texas	Texas	Texas													
			Lester L	son	W M	Dec 1857	42					Texas	Texas	Texas													
			Buster L	son	W M	Aug 1859	40					Texas	Texas	Texas													
			Whitaker James	head	W M	Aug 1823	77		10	7		Alabama	North Carolina	Georgia					farmer								
			Sarah E	wife	W F	Jan 1827	73		14	9		Mississippi	South Carolina	North Carolina													
			Frank C	son	W M	Aug 1877	22					Texas	Alabama	Mississippi					farmer								
			Whitaker James	head	W M	Oct 1872	27		4			Texas	Alabama	Mississippi					farmer								
			Miriam	wife	W F	Dec 1873	26		4	2		Texas	Tennessee	Alabama													
			Benjamin D	son	W M	Dec 1857	42					Texas	Texas	Texas													
			Isaac M	son	W M	Dec 1855	44					Texas	Texas	Texas													
			Edward J	brother	W M	July 1876	23					Texas	Alabama	Mississippi					farmer								
			Allen John	head	W M	Dec 1856	43		20			Texas	W	Germany					farmer								



BUFFALO GAP CEMETERY

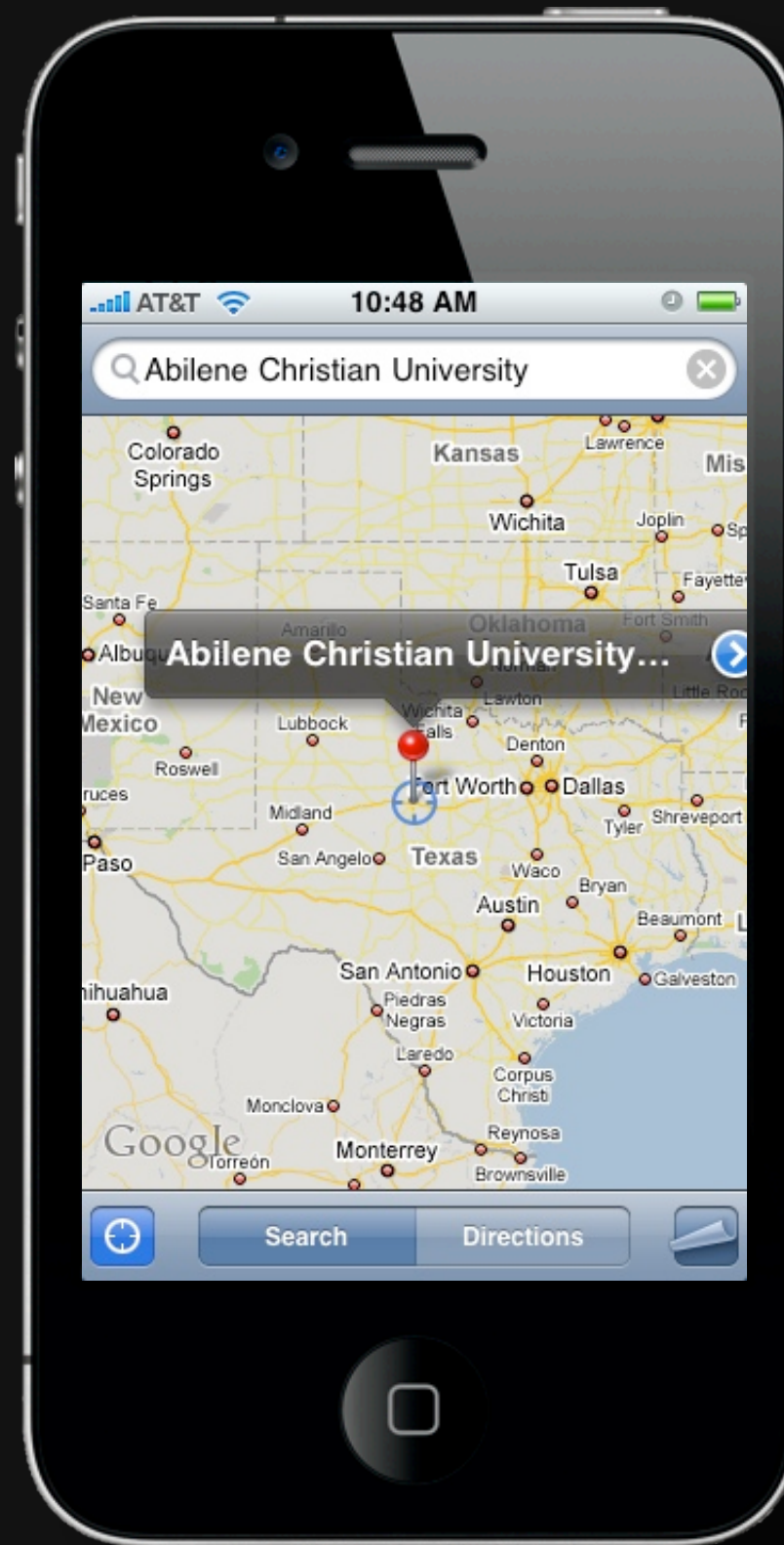


le rapport

le rapport

structurel social culturel

vers la mobilité



vers la mobilité



un campus mobile



un campus mobile

2007

44 chercheurs dans la faculté

2008

dispositifs à 1/2 de la faculté et tous les étudiants de 1ère année

2009

dispositifs à toute la faculté et tous les étudiants de 1ère & 2e années

2010

dispositifs à tout le monde •
dispositifs nouveaux pour les 1ères

2011

implementation initiale de livres numériques • «learning studio»



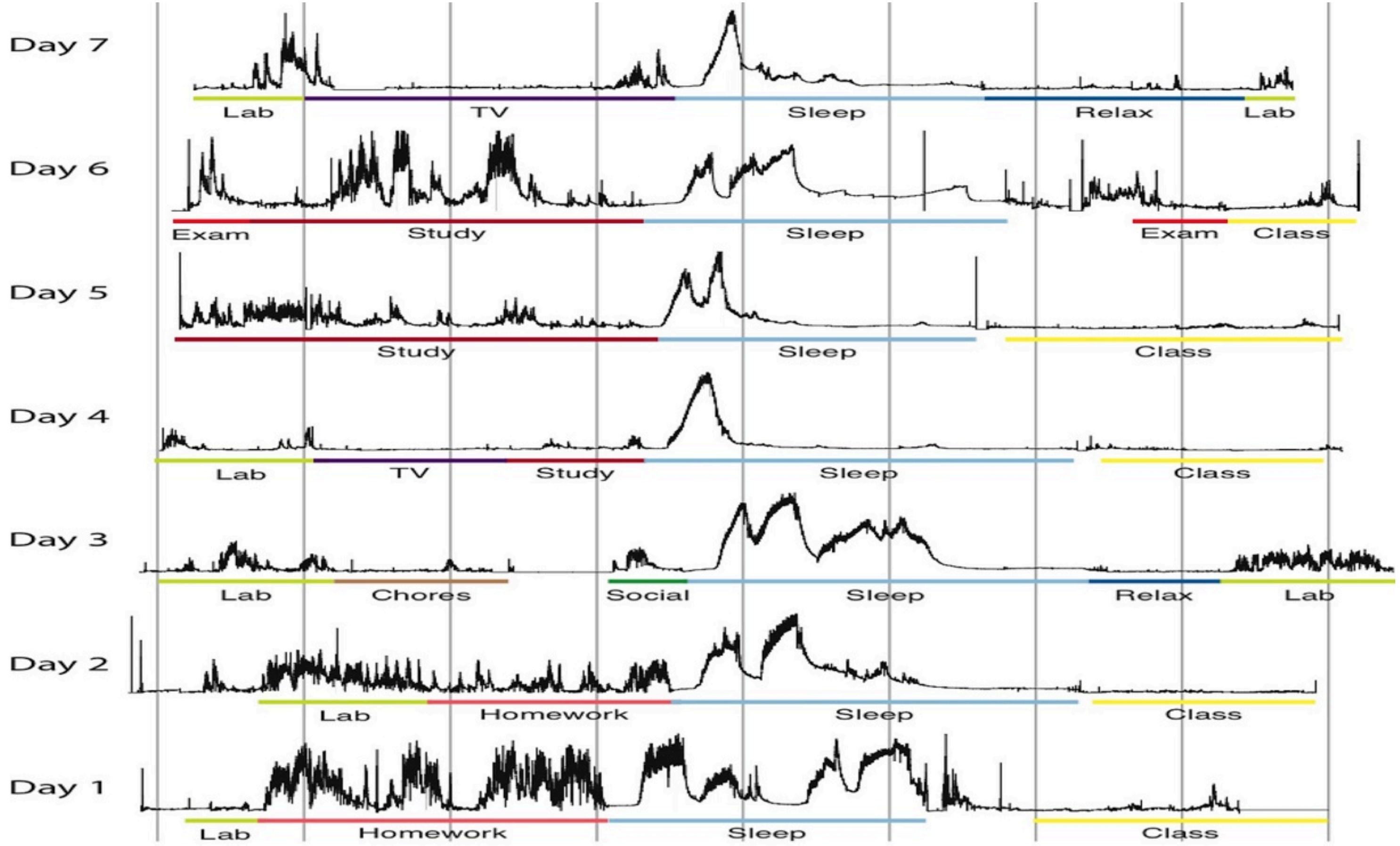


A grayscale photograph of a classroom. In the foreground, several students are seated at their desks, some looking towards the front. A teacher is standing at the front of the room, facing the class. The text is overlaid in the center of the image.

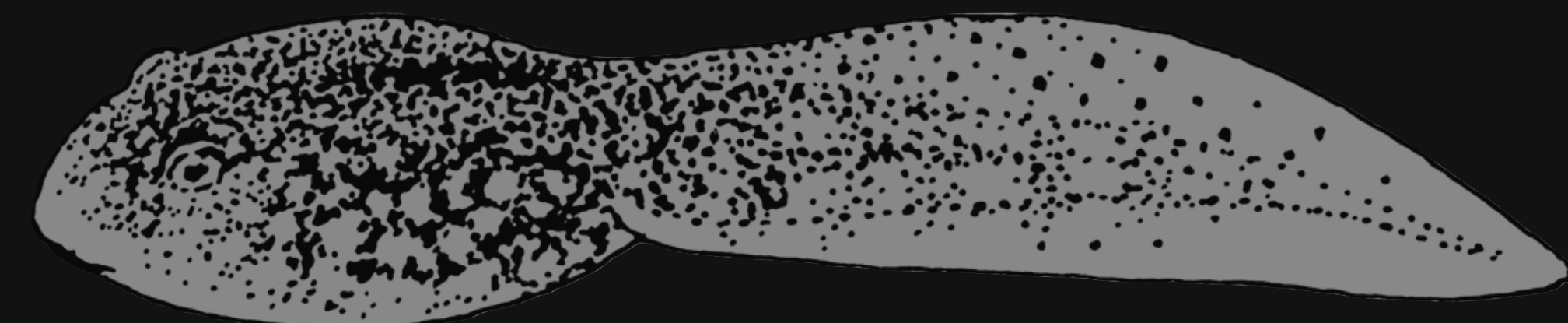
**comment concevions-nous la classe
pour établir un rapport plus fort et
plus productif avec le monde?**

est-ce que ce moyen est **le meilleur**?









transformation



Marshall McLuhan

The Gutenberg Galaxy 1962

Understanding Media 1964

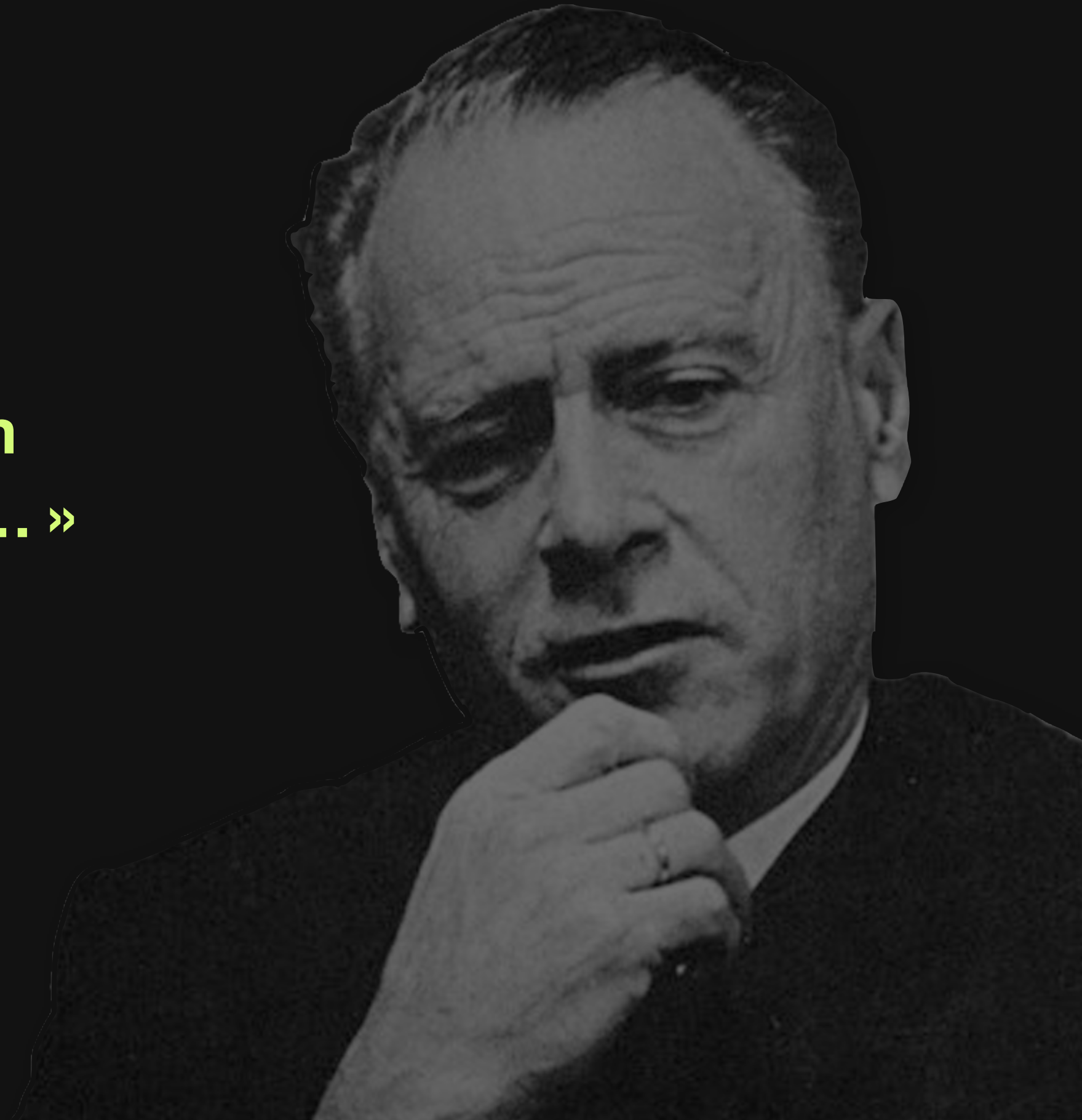
The Medium is the Message 1967



marshall mcluhan

**les technologies sont
une extension du «moi»**

**«Toujours, nous vivons en
avance sur nos pensées... »**



media libraries

Library of Congress

Instagram

Library of
Congress

Flickr

Instagram

Facebook

Flickr

media libraries

140,000,000,000

Facebook

+1,000,000%

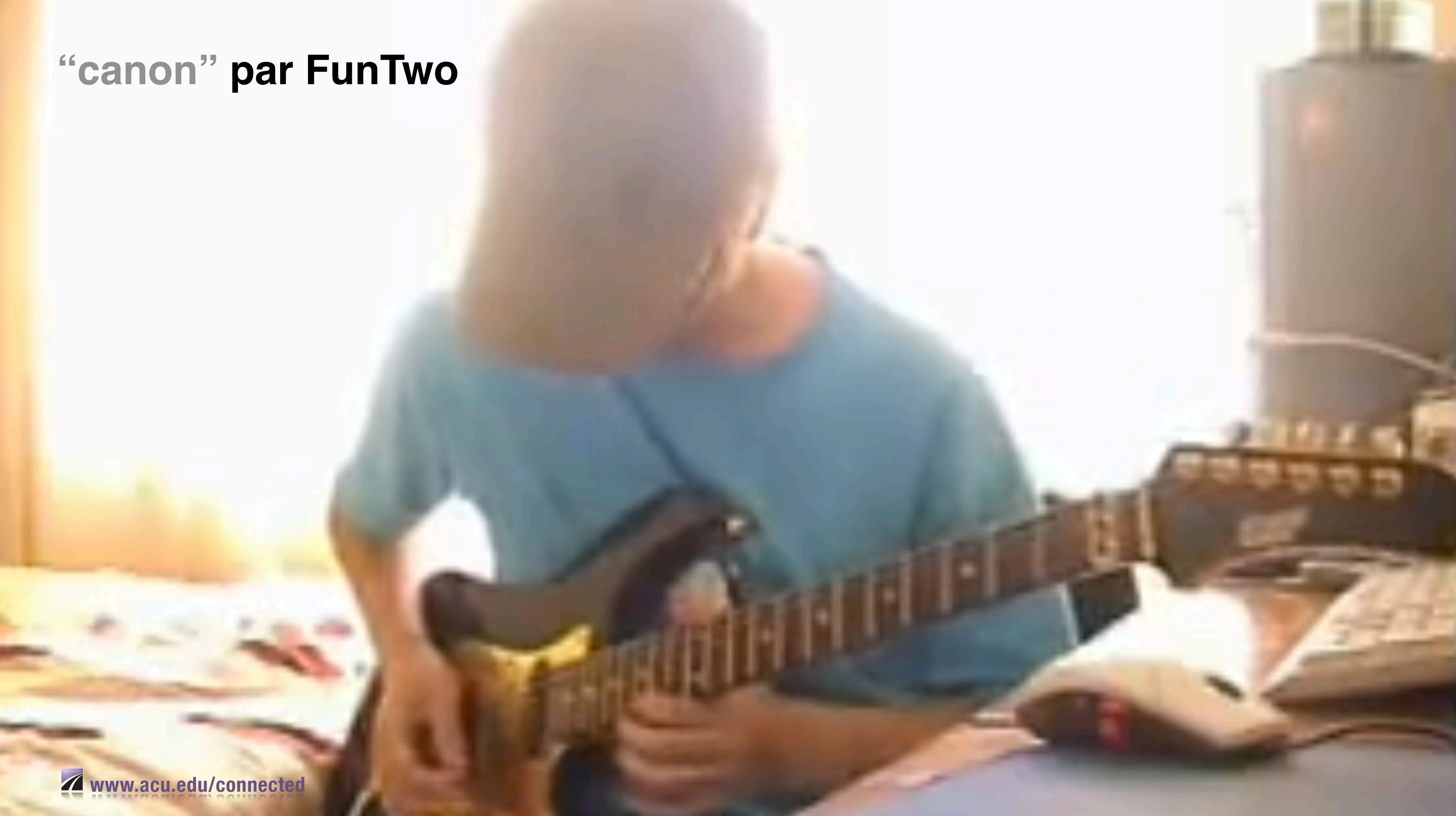
pompéi



pompéi



“canon” par FunTwo



la vie numérique...

1,2

la vie numérique...

1,2

heures de vidéo mises en ligne sur YouTube
chaque seconde en mai 2012.

la vie numérique...

5000

la vie numérique...

5000

ans de vidéo vus sur FaceBook chaque
jour en mai 2012.

la vie numérique...

800

la vie numérique...

8000
millions de visiteurs mensuels de YouTube
en mai 2012.

consommation v. création



les ateliers nouveaux



la livraison du contenu



une ligne de faille...





les salles de classe isolées pour poser les questions rhétoriques

$$\frac{-10}{t(t+2)} = \frac{-3t-14}{t(t+2)}$$

$$\frac{2(x+5)}{x(x-5)} = \frac{2}{5-x}$$

17. $2\sqrt{5} + 3$

19. $8\sqrt{\dots} \dots 8\bar{x} +$

21. $\dots \Delta m^2 - 5\sqrt{3}$

$-\sqrt[3]{54} + 2\sqrt[3]{16}$

25. $2\sqrt[3]{27x} - 2\sqrt[3]{8x}$

27. $\sqrt[3]{x^2y} - \sqrt[3]{8x^2y}$

29. $3x\sqrt[3]{xy^2} - 2\sqrt[3]{8x}$

31. $5\sqrt[4]{32} + 3\sqrt[4]{162}$

33. $3\sqrt[4]{x^5y} - 2x\sqrt[4]{xy}$

35. $2\sqrt[4]{32a^3} + 5\sqrt[4]{2a}$

7. $\sqrt[3]{64xy^2} + \sqrt[3]{27x}$

ces questions présument
un monde statique...

seth godin



seth godin

“Never again is someone going to pay you to give them answers they can look up online. They’ll only pay you to solve problems that don’t yet have answers.”

une formule qui change...

sagesse

une formule qui change...

recherche collaboration

$$\left(\frac{r + c}{x} \right) t = \text{sagesse}$$

contexte technologie

une formule qui change...

recherche collaboration

$$\left(\frac{r + c}{x} \right) t = \text{tricherie}$$

contexte technologie

une formule qui change...

recherche collaboration

$$\left(\frac{r + c}{x} \right) t =$$

contexte technologie

structure de la classe

**contrôle
&
isolement**

attentes envers les étudiants...

attentes envers les étudiants...

assiduité
conformité
uniformité

l'ère mécanique

Frederick W. Taylor

Principles of Scientific Management 1911









usine c1920



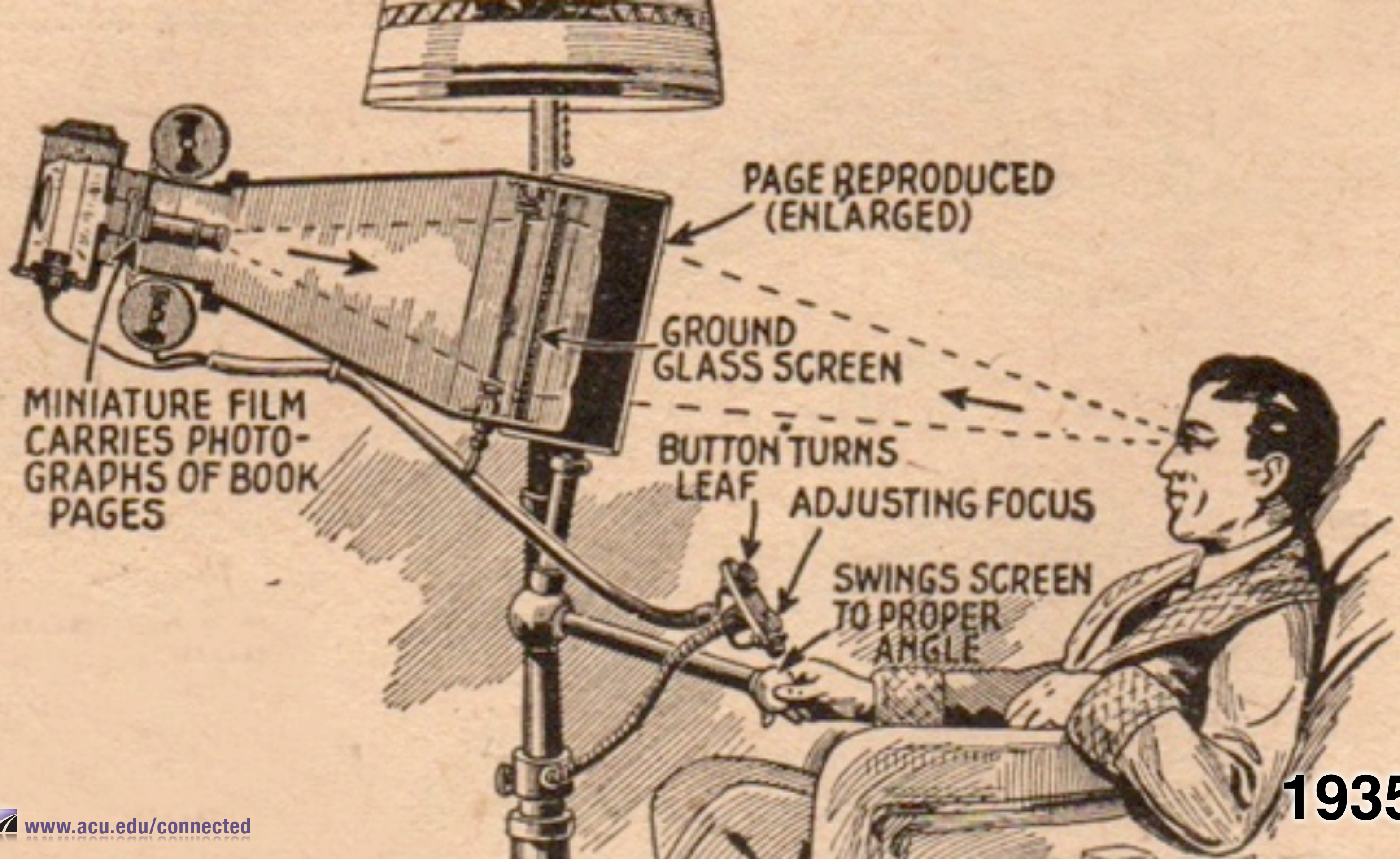
usine c1920

université 1924



les rêves d'émancipation personnelle





1935

... CLOSER THAN WE THINK!

by *Ritchough*

e most American
t college. The va
more evident all

ELECTRONIC HOME LIBRARY

Some unusual inventions for home entertainment and education will be yours in the future, such as the "television recorder" that RCA's David Sarnoff described recently.

With this device, when a worthwhile program comes over the air while you are away from home, or even while you're watching it, you'll be able to preserve both the picture and sound on tape for replaying at any time. Westinghouse's Gwilym Price expects such tapes to reproduce shows in three dimensions and color on screens as shallow as a picture.

Another pushbutton development will be projection of microfilm books on the ceiling or wall in large type. To increase their impact on students, an electronic voice may accompany the visual passages.

College training can be had by anybody who truly and can qualify academically. Money need not be a pro
a spirit of sacrifice is accepted. Other obstacles, too, w
overcome by real determination. Young men and w
everywhere have proved the truth of those statements.
The histories of most college graduates prove that their liv
and training and experience have fully equipt them. In
unusually and humbly.



www.acu.edu/connected
Next week: Troop Transport Capsules

© 1949 by
The Chicago Tribune.

1959

The Answer Machine

You're doing your homework.
You're stuck and you need some answers.
So you get help from your answer machine.
On a table next to you is part of the machine—
a typewriter keyboard.
When you push the correct keys,
your questions will be answered
on a screen on the wall.

You might ask (using the keyboard):

WHO INVENTED THE PHONOGRAPH?

THOMAS A.
EDISON

WHEN?

IN 1877

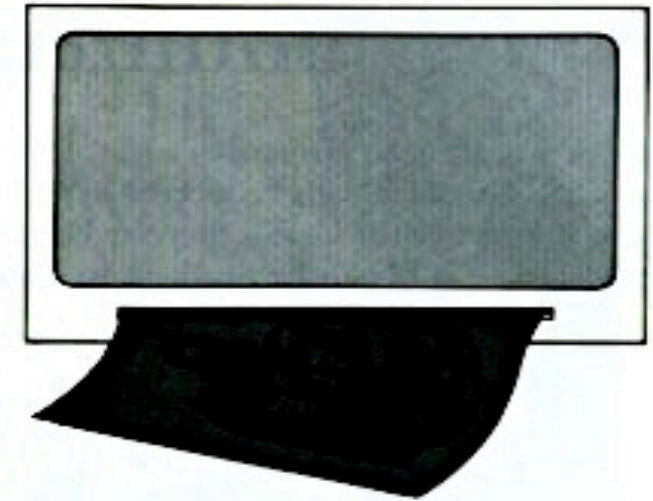
WHAT DID EDISON'S FIRST
PHONOGRAPH LOOK LIKE?



And the machine would answer:

If you want a copy of that picture,
you can tell the machine:

PRINT OUT.



CAN YOU SOUND THE FIRST
WORDS EDISON RECORDED?
IF SO, DO SO.

Mary had
a
little
lamb



DO YOU HAVE A MOVIE ABOUT
EDISON? IF SO, RUN IT.

After you get the information
you need for your homework,
you can turn off your answer machine.
Or, since the screen is on the wall,
you might want to have a picture on it
and let it be a decoration for a while.
So, you could tell the machine:

SHOW AN EXAMPLE
OF DA VINCI'S
SKETCHES.

Someday, you might have
an answer machine
that could do all those things.

THE LIFE HISTORY
OF
THOMAS A. EDISON



1961

le futur...

science-fiction

le futur...

vie quotidienne

le futur dépassé



le futur dépassé

science-fiction? émancipation?

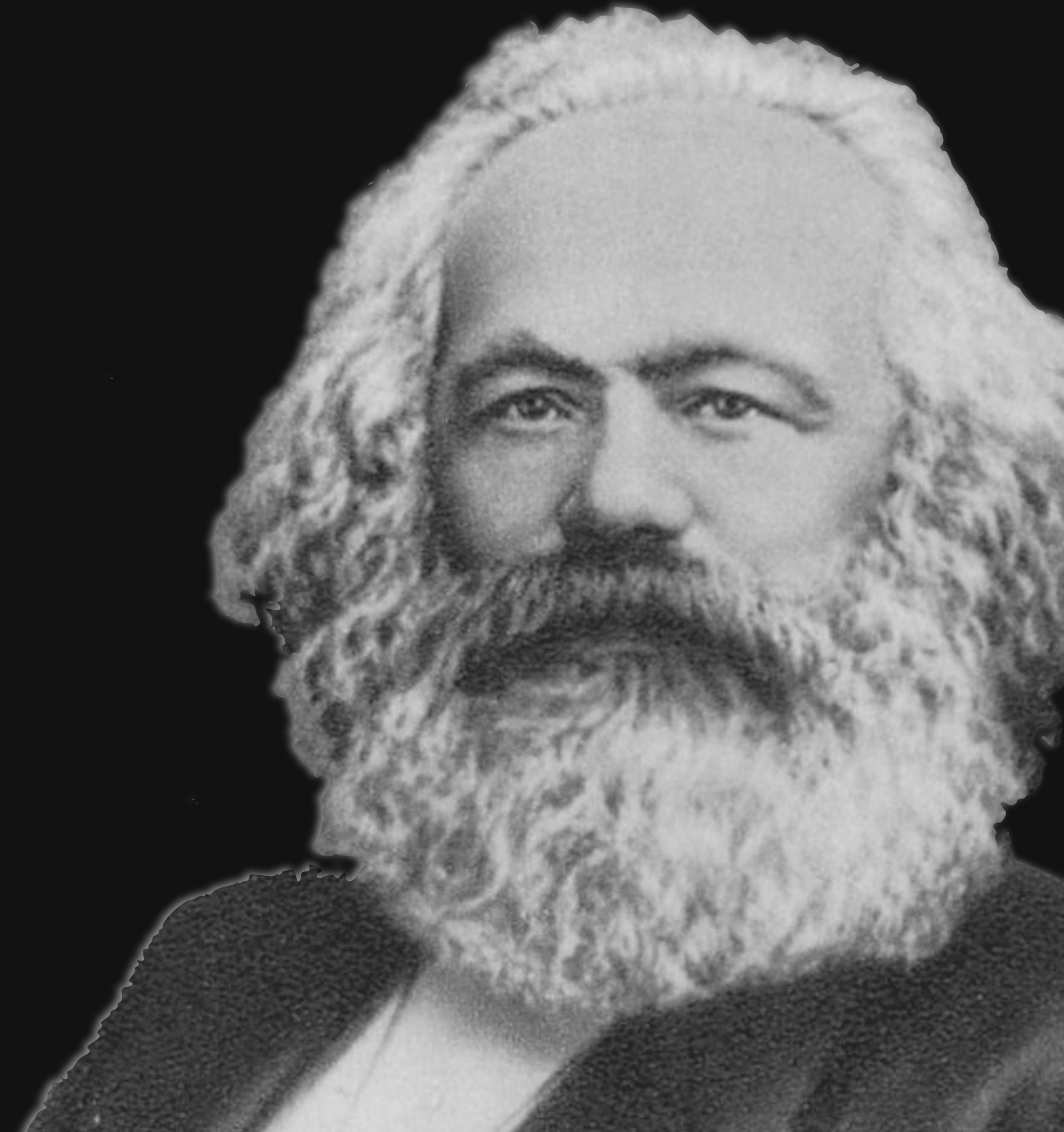
l'ère créatif

pourquoi
les «1-to-1» ?

plusieurs facettes

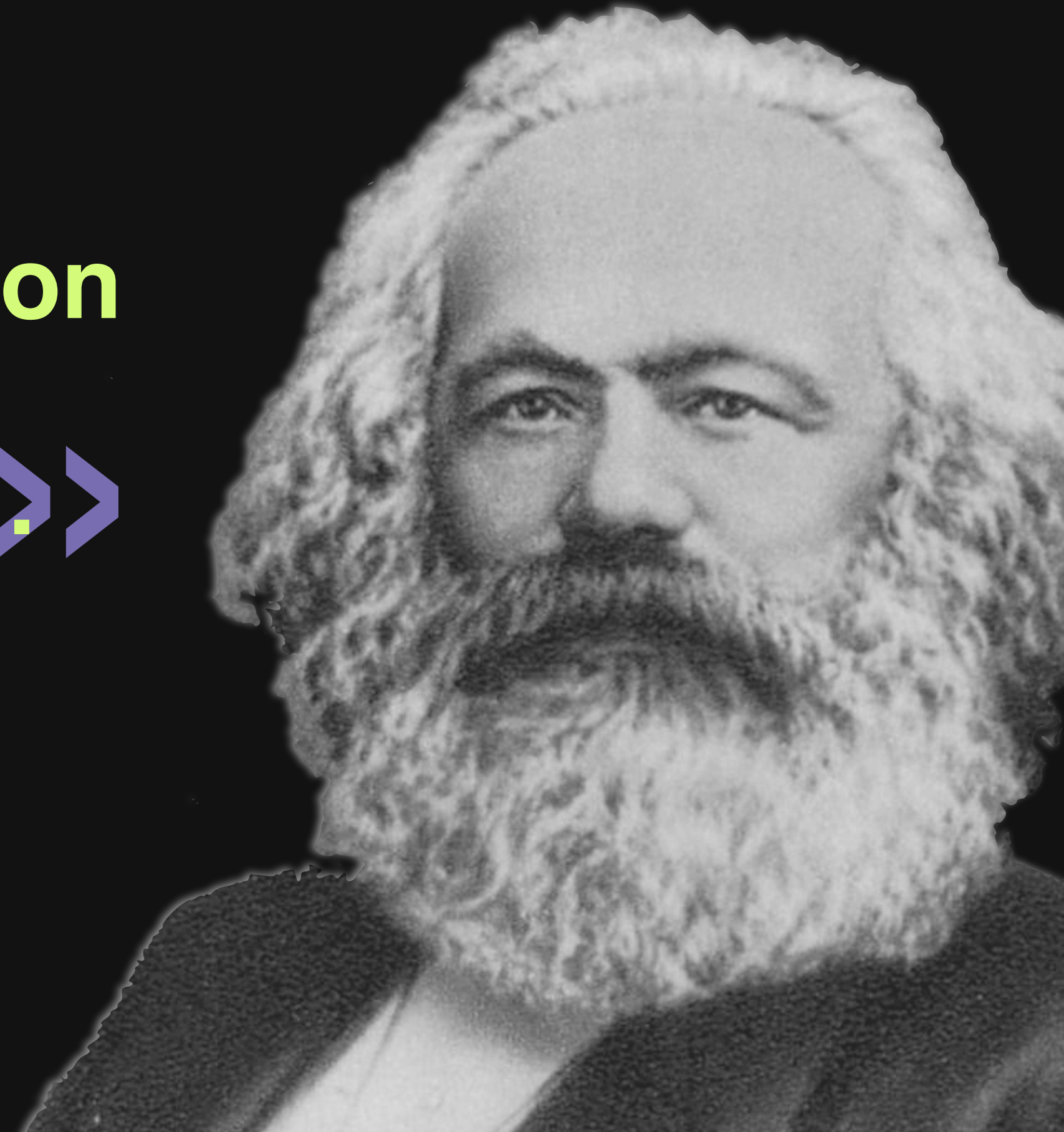


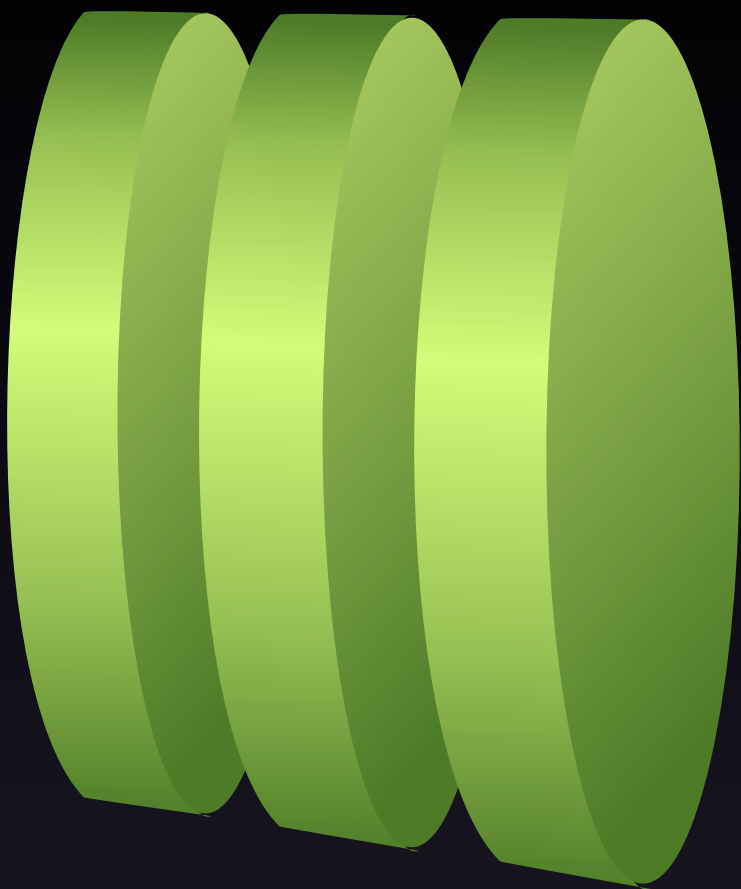
karl marx

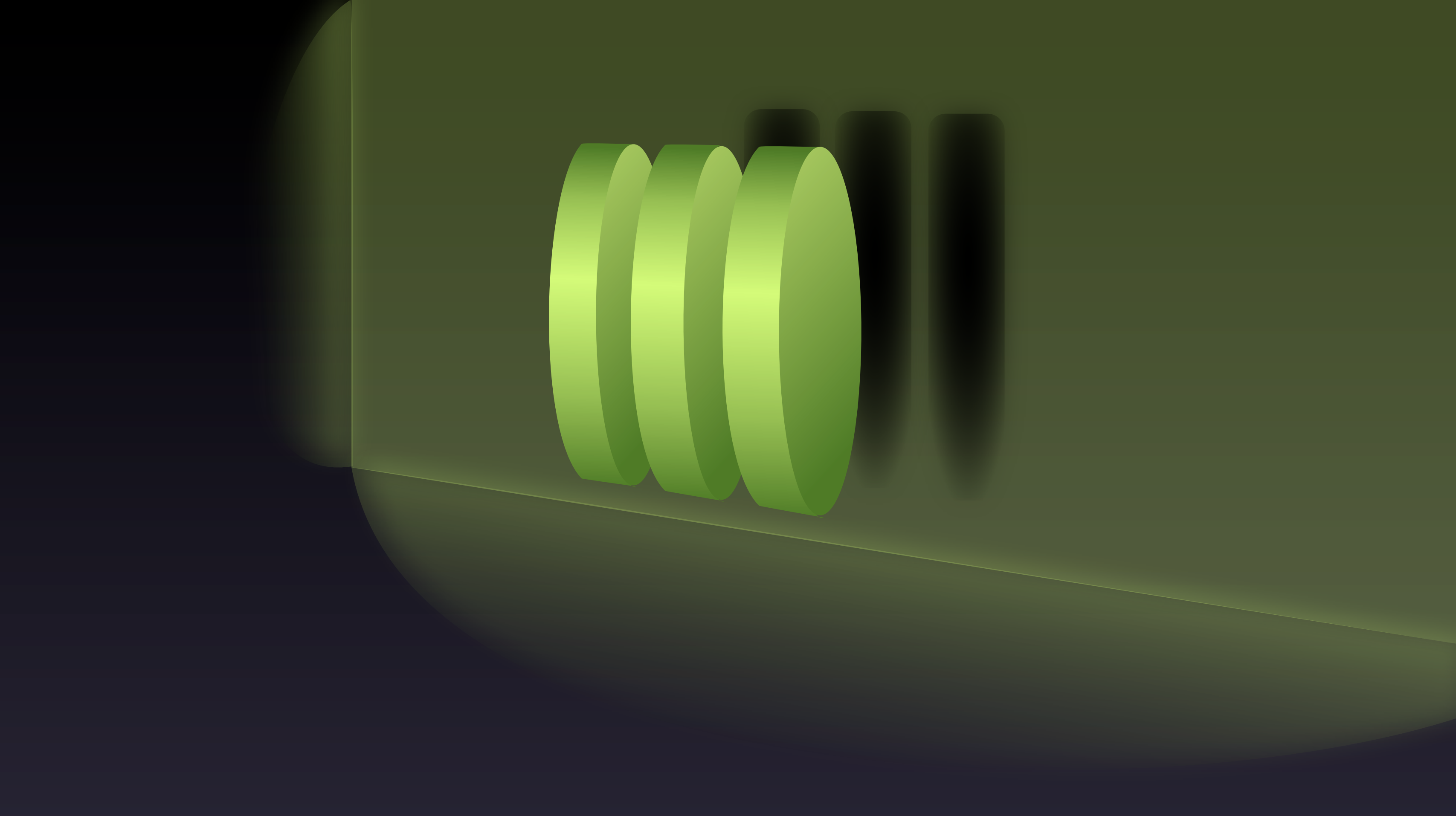


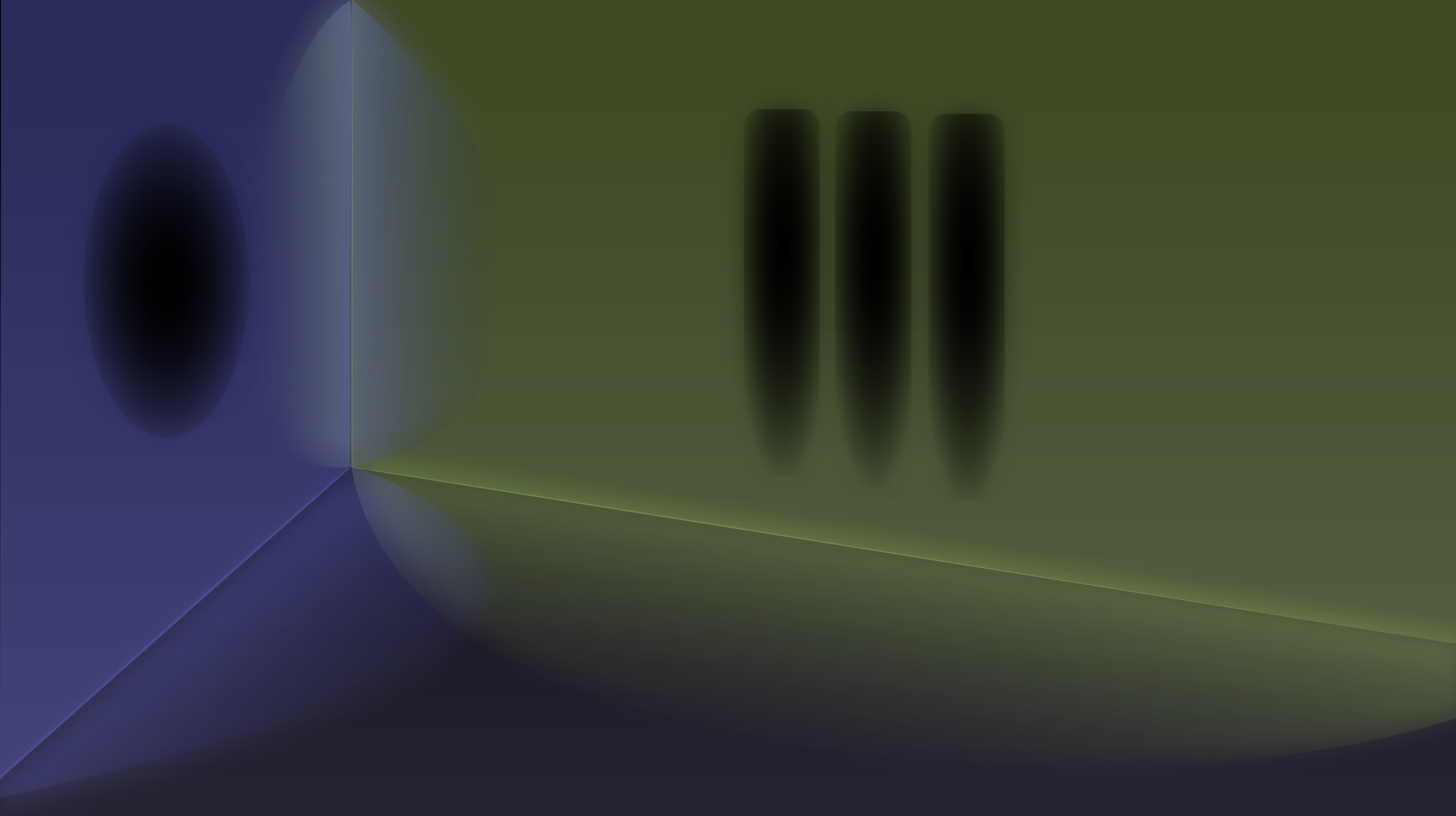
karl marx

« De chacun selon son
aptitude à chacun
selon son besoin... »

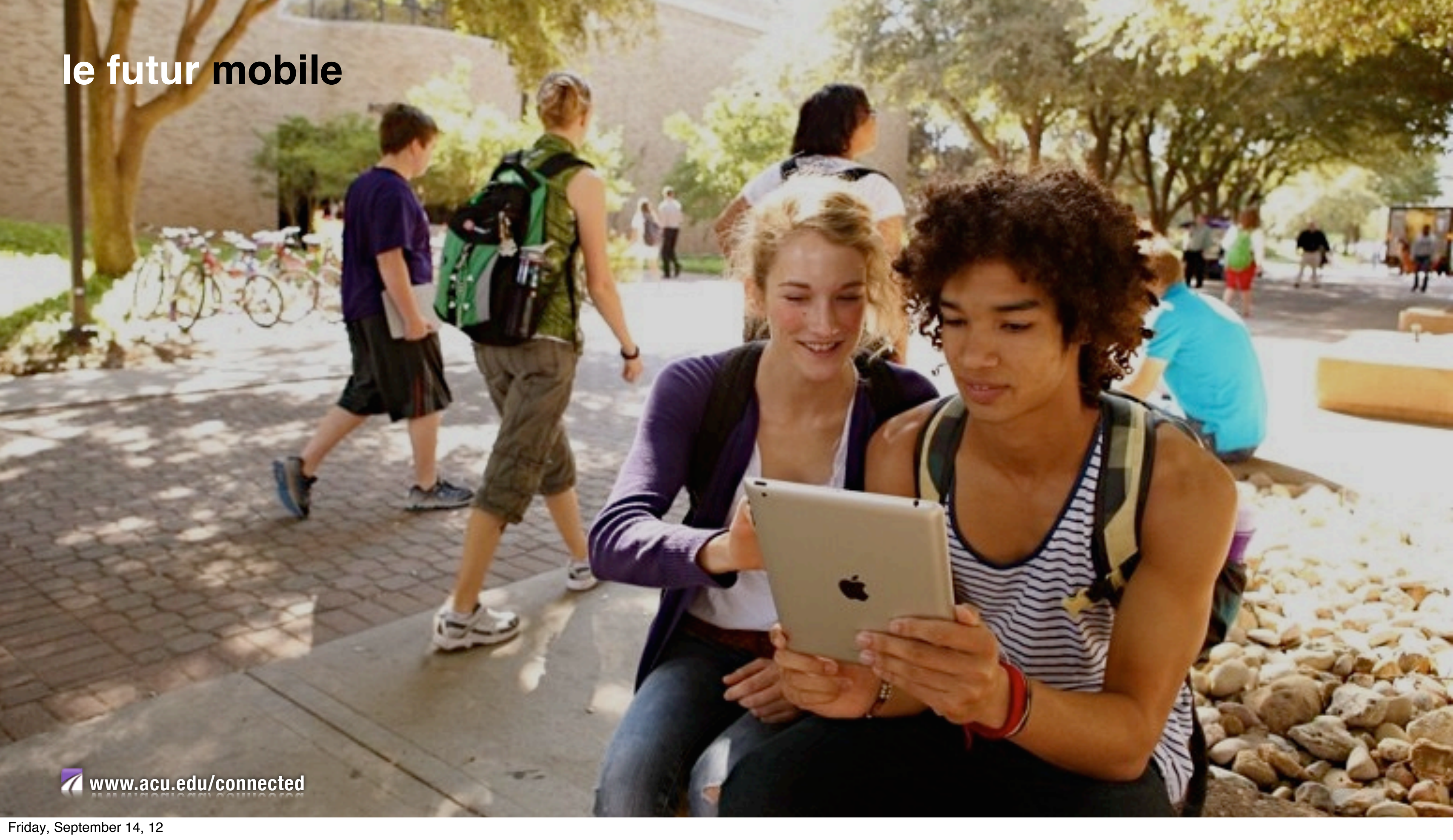








le futur mobile





personnalisé

recentré



lié



intégré

un modèle évolutif...

un modèle évolutif...

transmission d'information

un modèle évolutif...

production d'information

les interactions d'apprentissage...

Consummation

les interactions d'apprentissage...

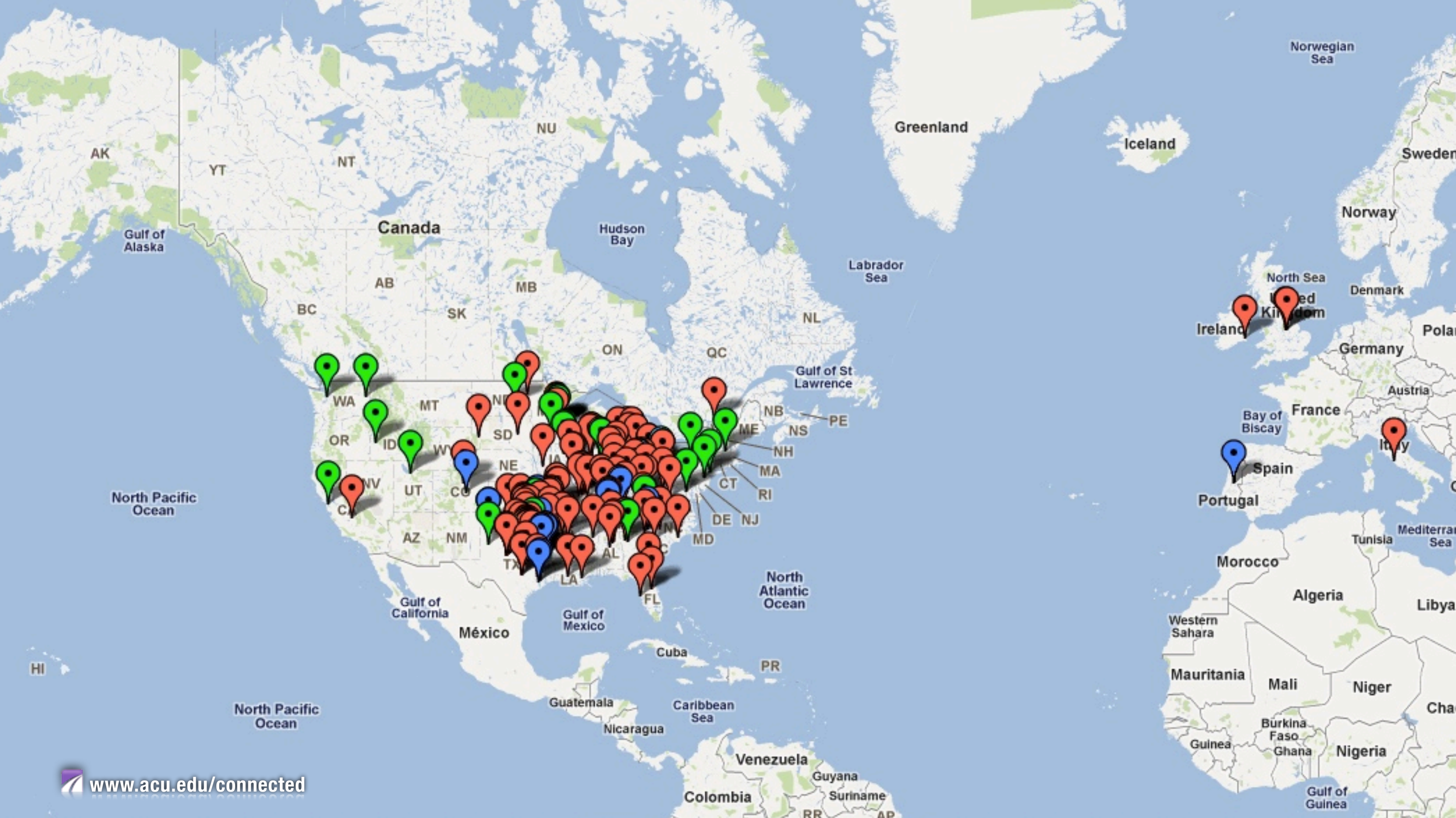
C⁴
onsommation
onservation
réation
ollaboration

apprentissage explosif





www.redthreadmovement.org



THE CNN FREEDOM PROJECT

Ending Modern-Day Slavery

MAIN

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THE FACTS

LIFE IN SLAVERY

THE TRAFFICKERS

SOLUTIONS

HOW YOU CAN HELP

June 13th, 2011
09:16 AM ET

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Comments (10 comments)

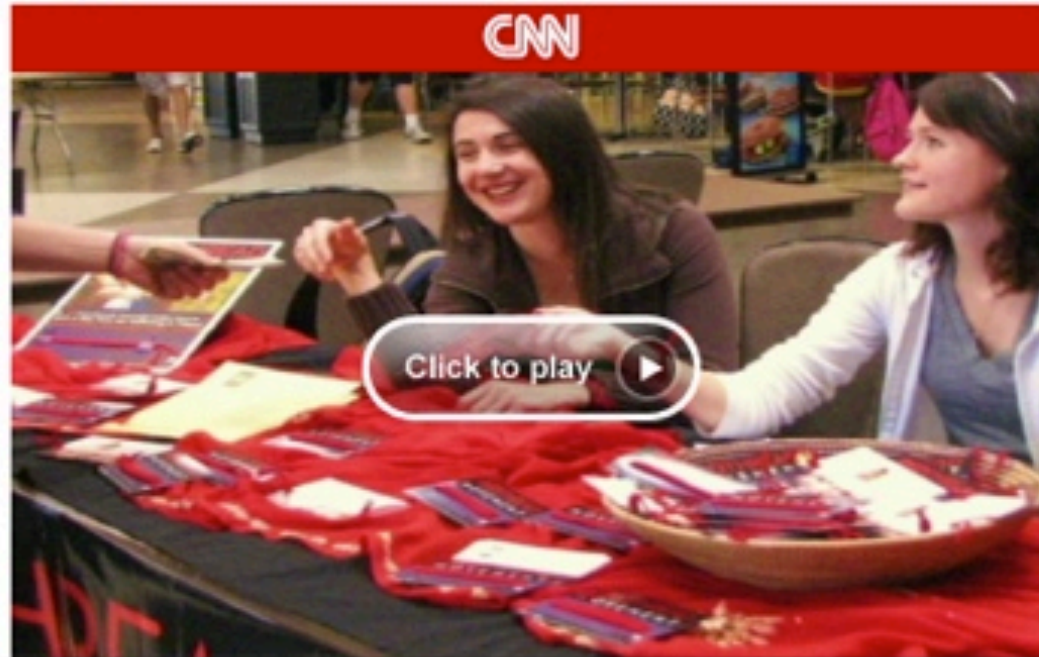
Permalink

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iReporters making a difference

You don't have to be a celebrity activist like **Demi Moore** or **Ashton Kutcher** to make a difference in the fight to end slavery. Meet three iReporters who are doing their part:



iReporters take a stand against slavery

From Kenya to the United States, iReporters prove one person can make a difference in the fight to end slavery.

Added Jun 10, 2011

[more CNN Video >](#)

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About this project



This year CNN will join the fight to end modern-day slavery and shine a spotlight on the horrors of modern-day slavery, amplify the voices of the victims, highlight success stories and help unravel the complicated tangle of criminal enterprises trading in human life. **A PROBLEM THAT CAN'T BE IGNORED | MORE ABOUT THE PROJECT**

Nepal's Stolen Children



Actress Demi Moore partners with CNN Freedom Project for a

NEPAL

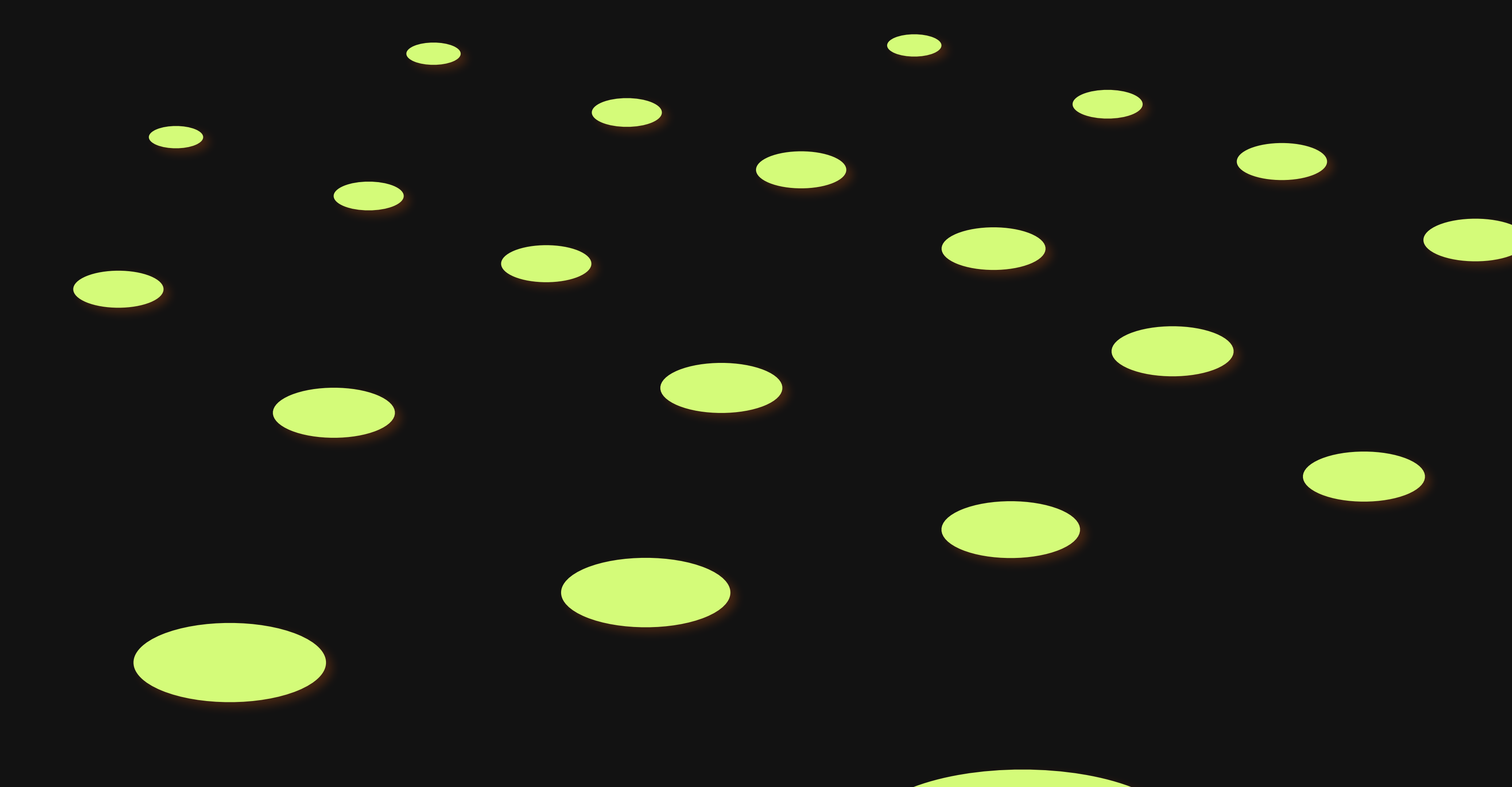
Wing-Cutting Training

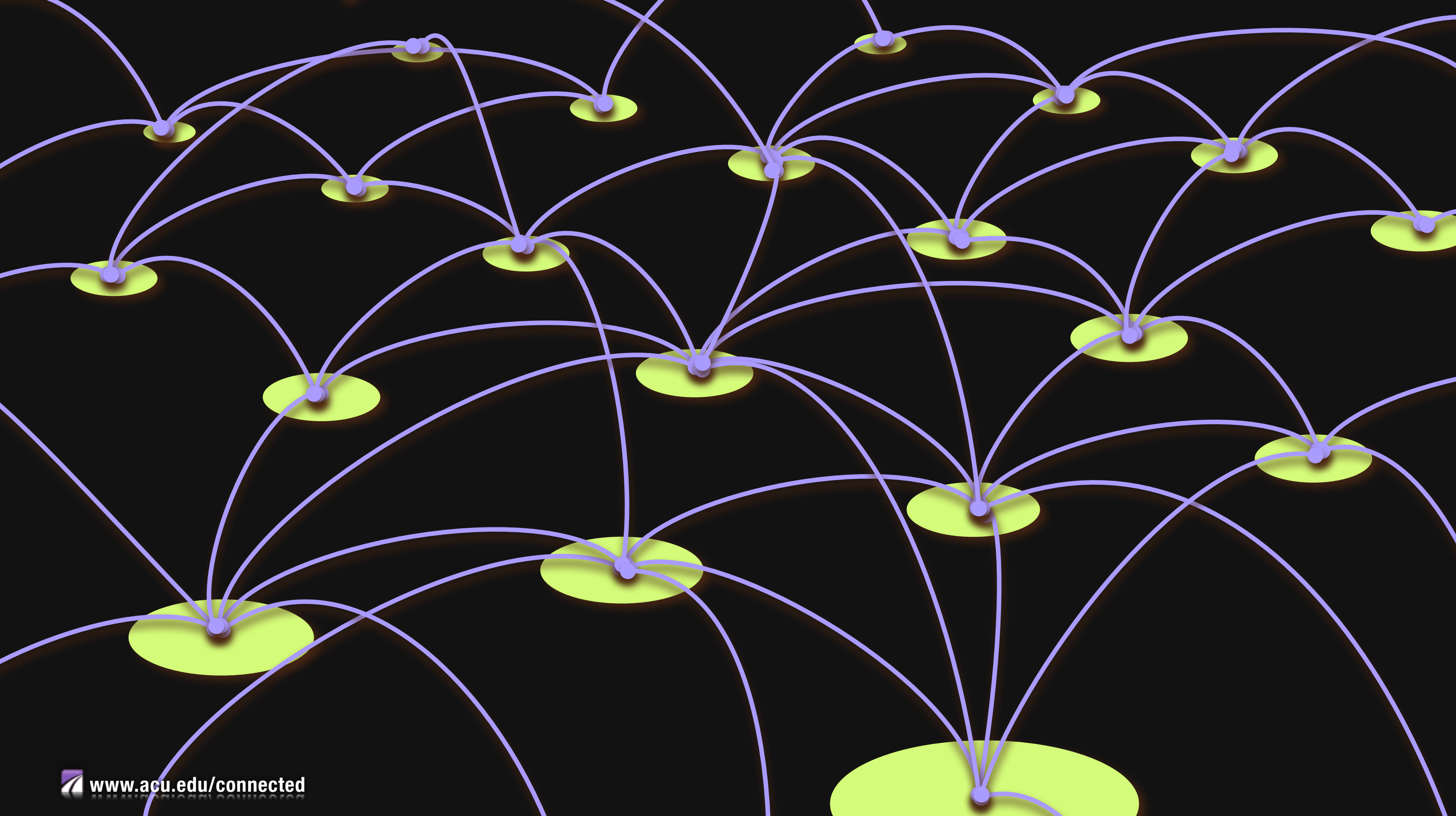
नेपाल

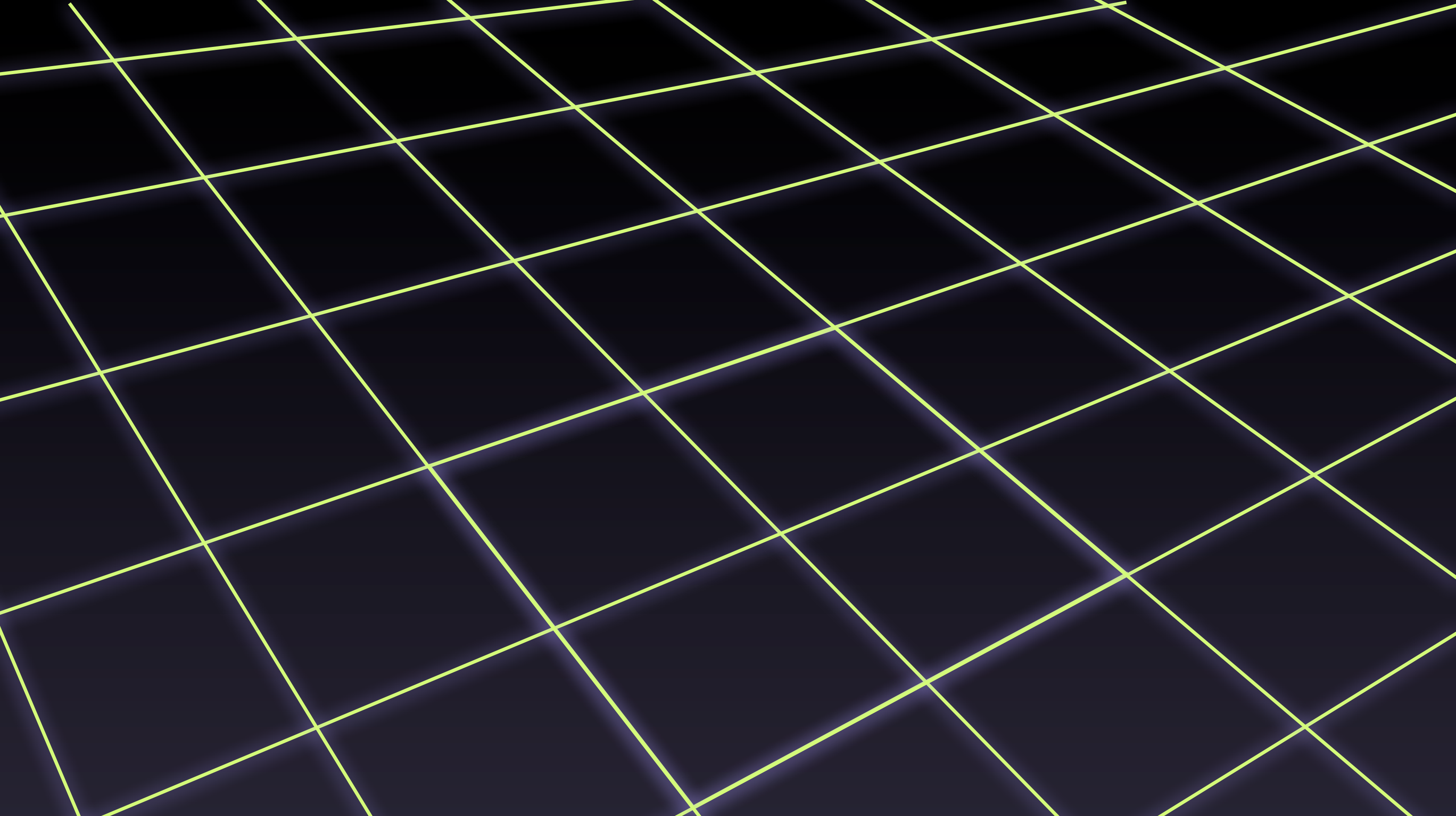
पालिका

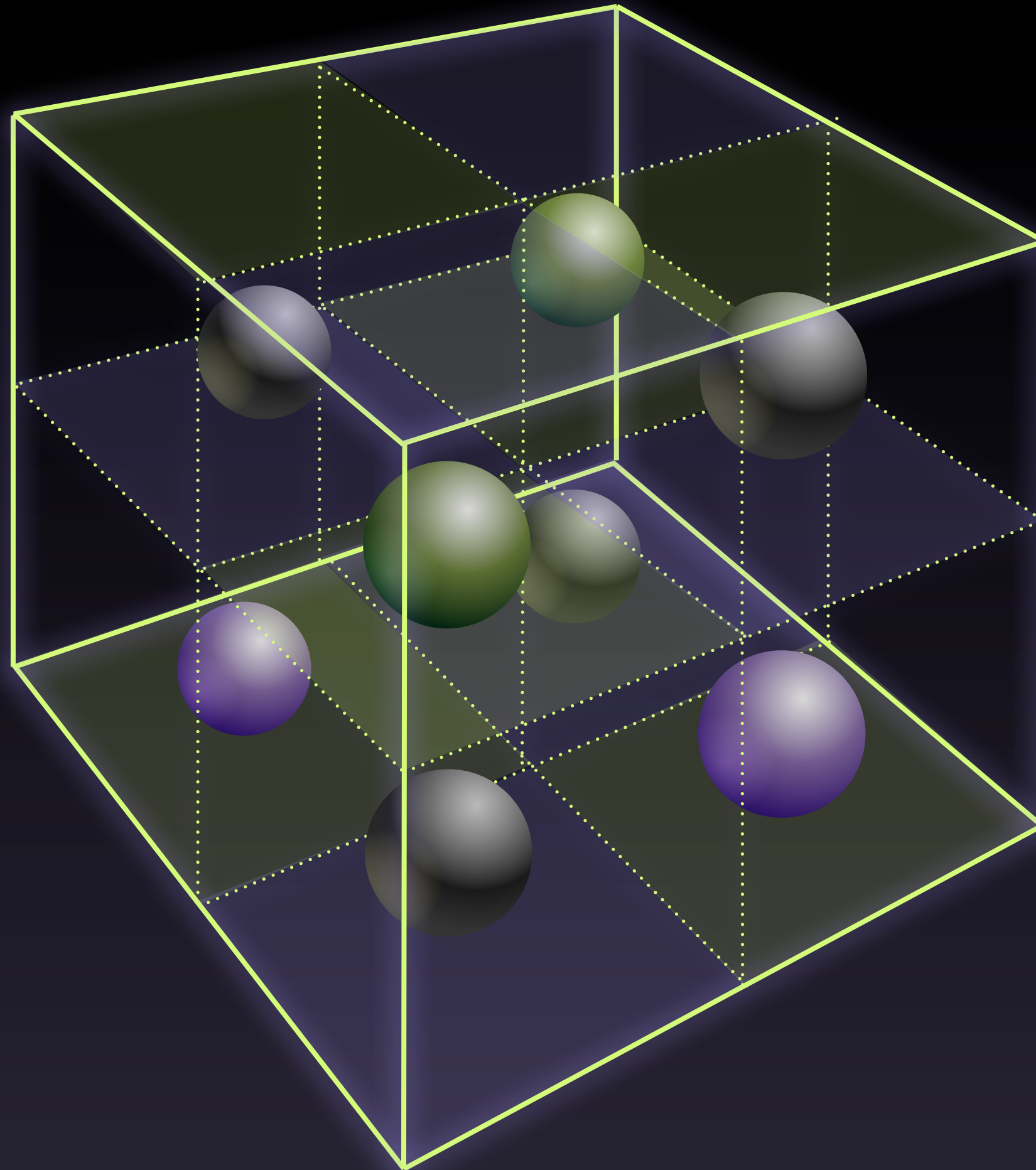
सुदूरपश्चिम











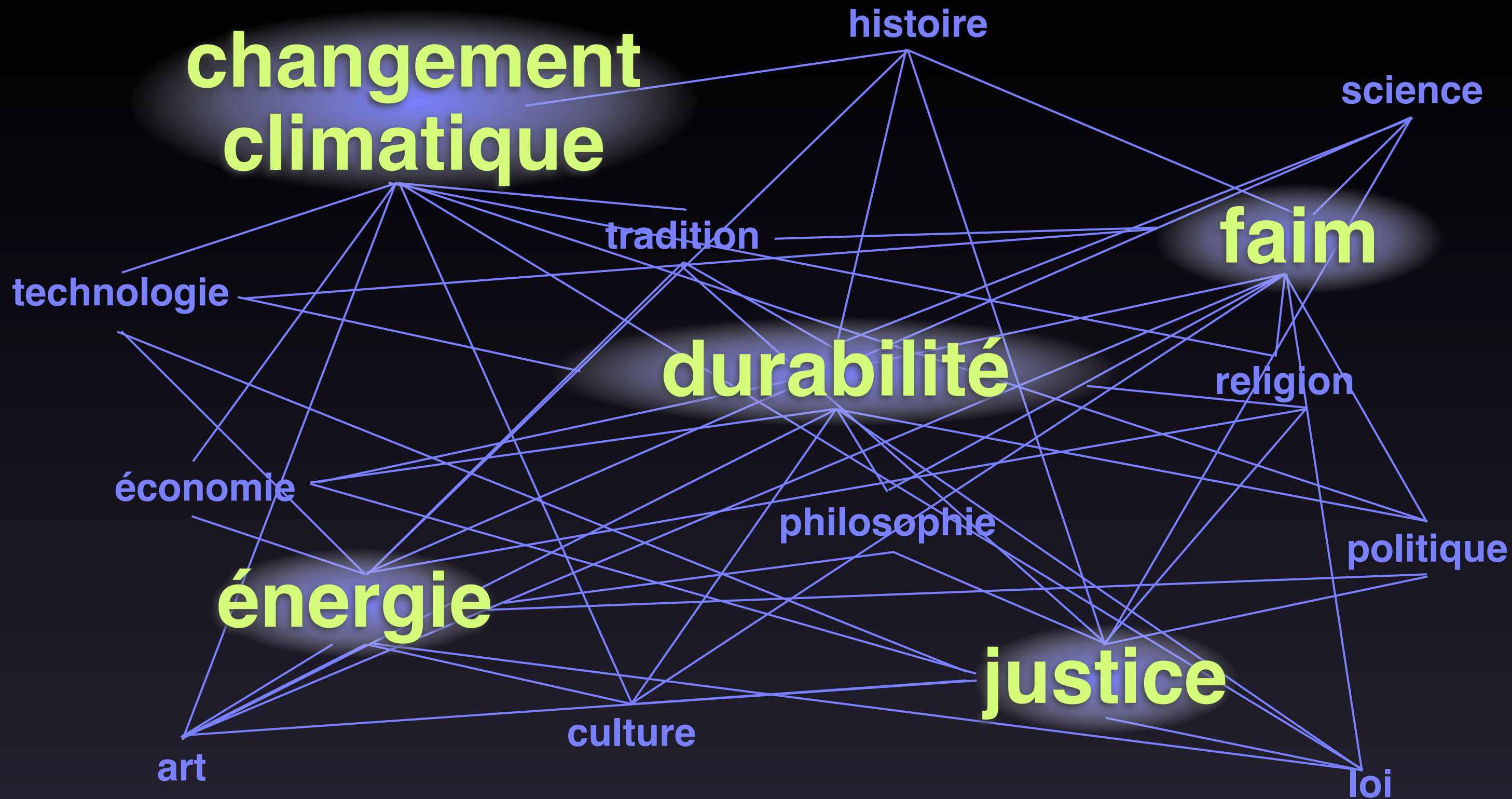
john f. kennedy



john f. kennedy

“**We go to the moon [...] and do these other things, not because they are easy, but because they are hard, because that goal will serve to organize and measure the best of our energies and skills...**”





la nouvelle salle de classe...









a new paradigm...

le lieu

le lieu

le lieu

a new paradigm...

structurel le rapport

social le rapport

culturel le rapport

merci.

email
rankinw@acu.edu
twitter