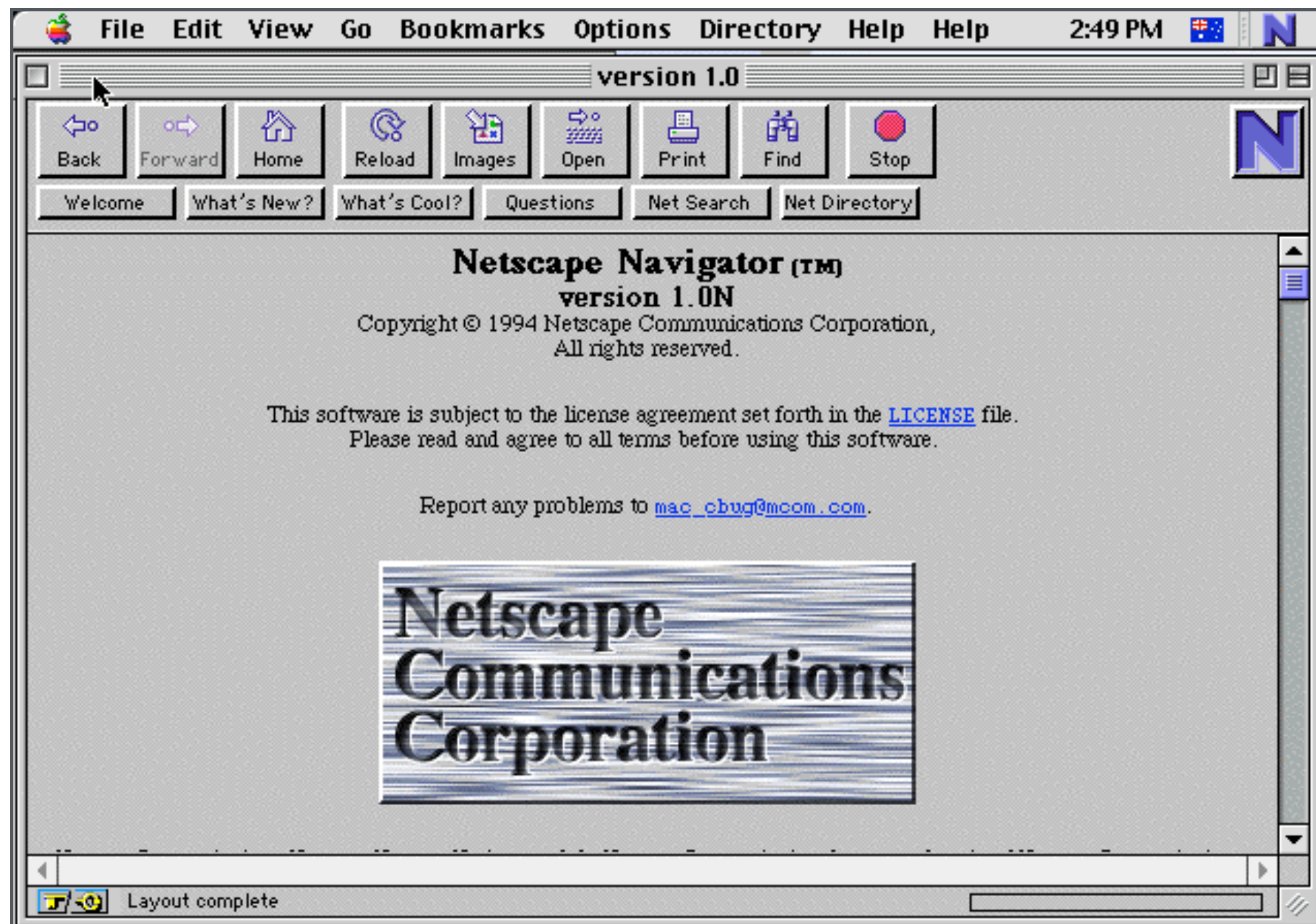


# learning over education

@schmidtphi



20 Years





talent is evenly distributed  
but opportunity is not



Reform

Reimagine

The University





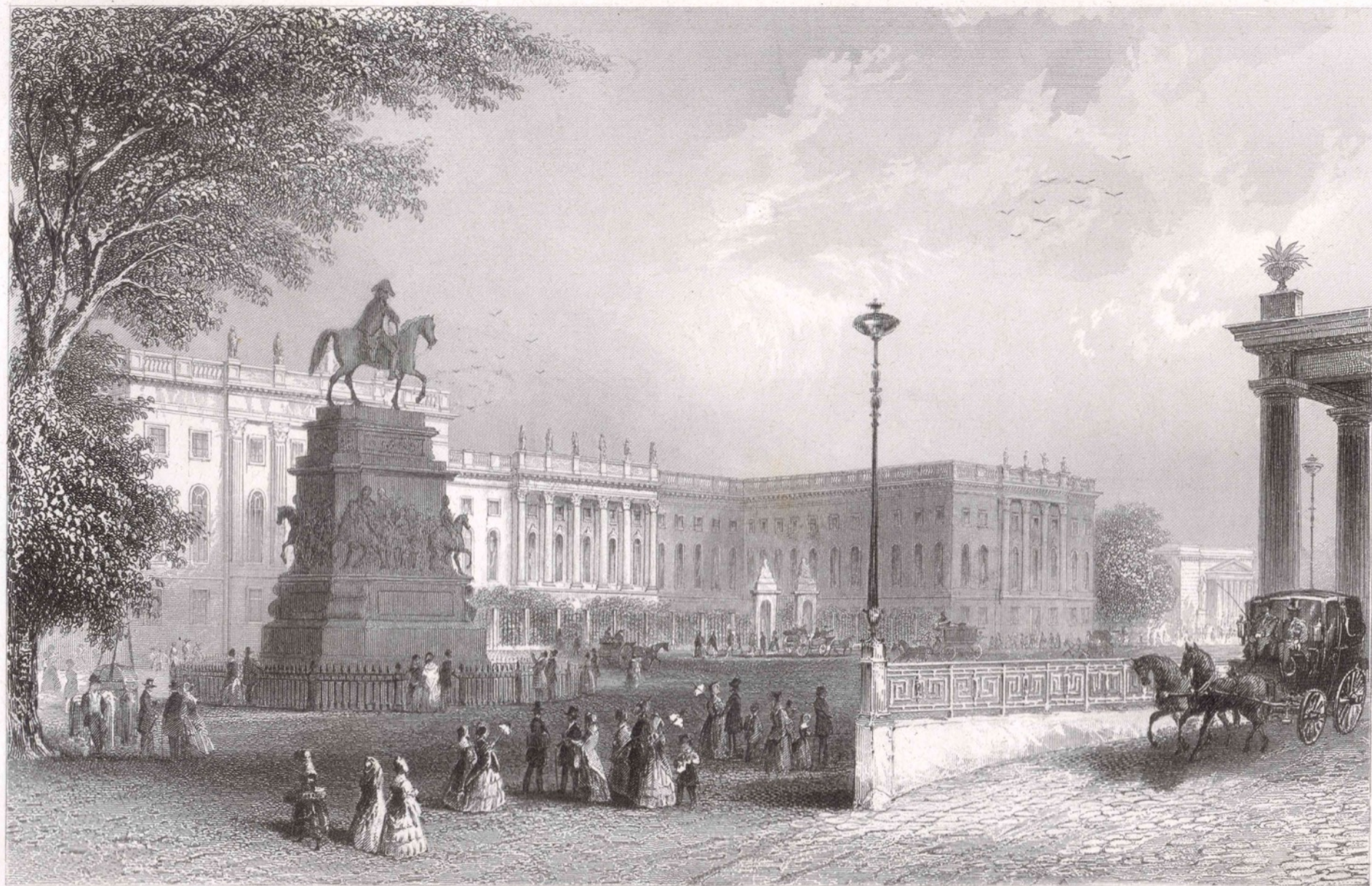


Wilhelm von Humboldt

(1767-1835)







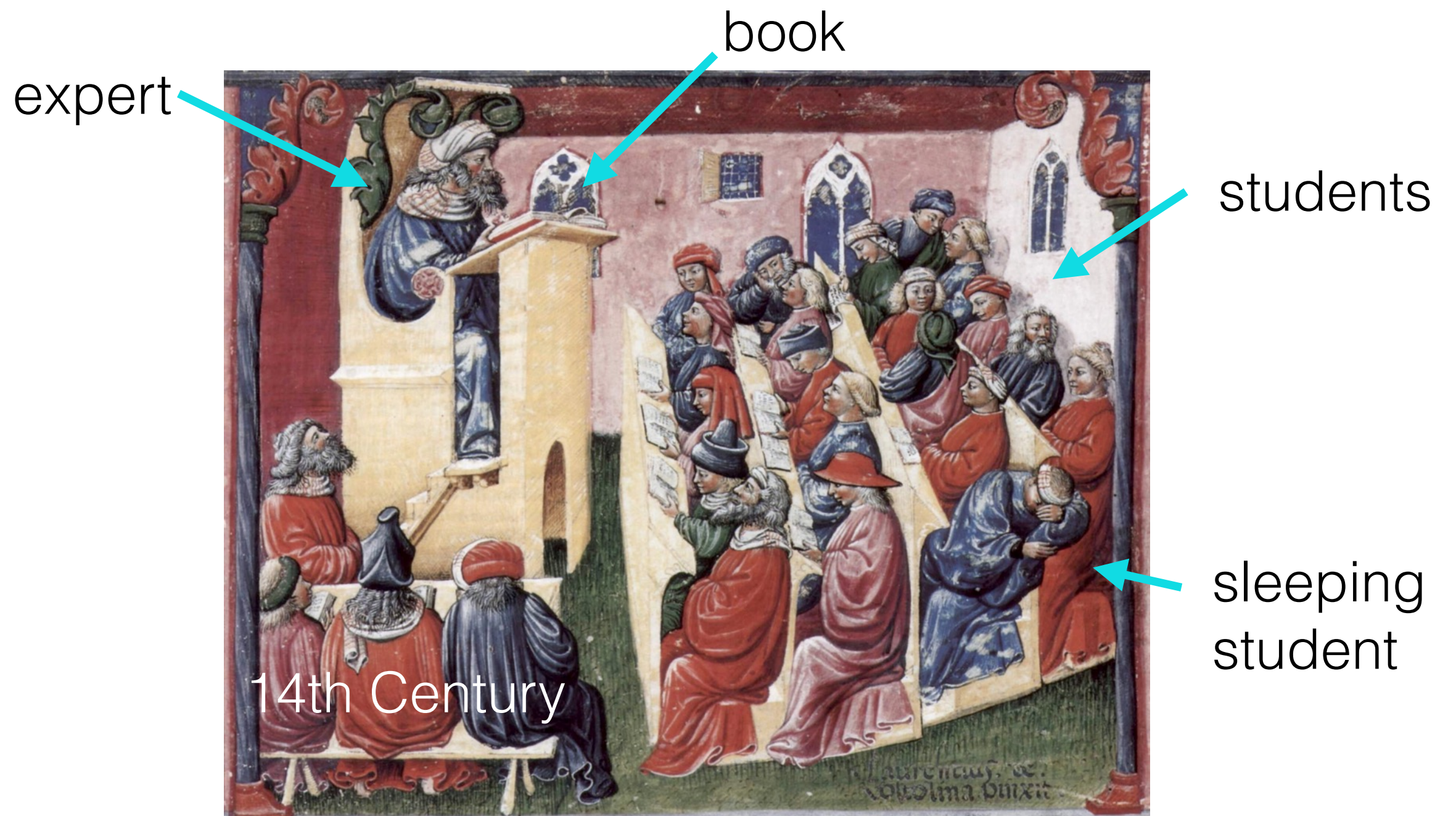
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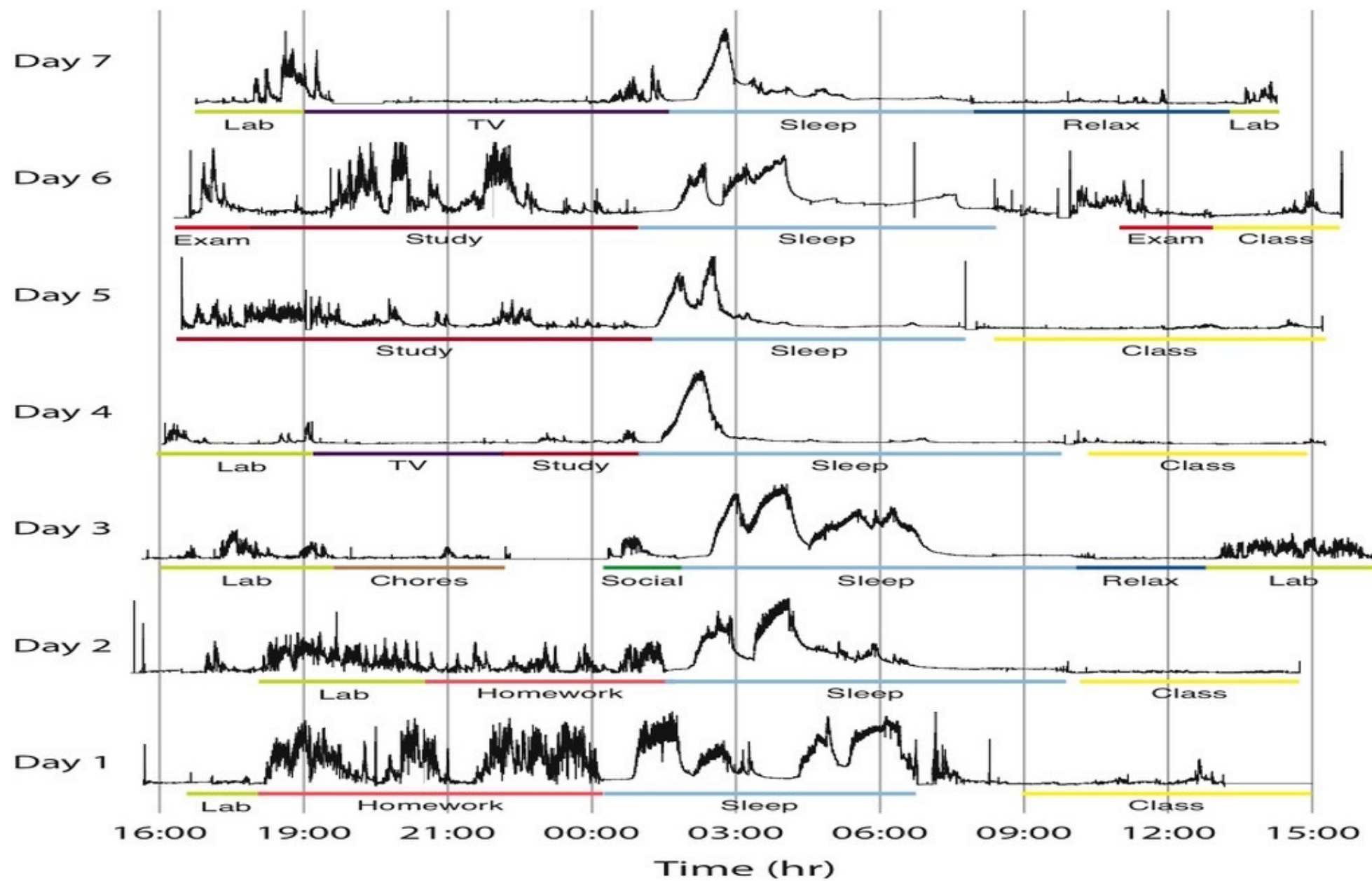


1088 AD





There was a lot we didn't know  
about learning in 1400.



Roz Picard  
Affective Computing

And yet, much of the mainstream university experience still looks like the 14th century.

And when we design digital technologies for learning, we start by replicating the old models.



expert

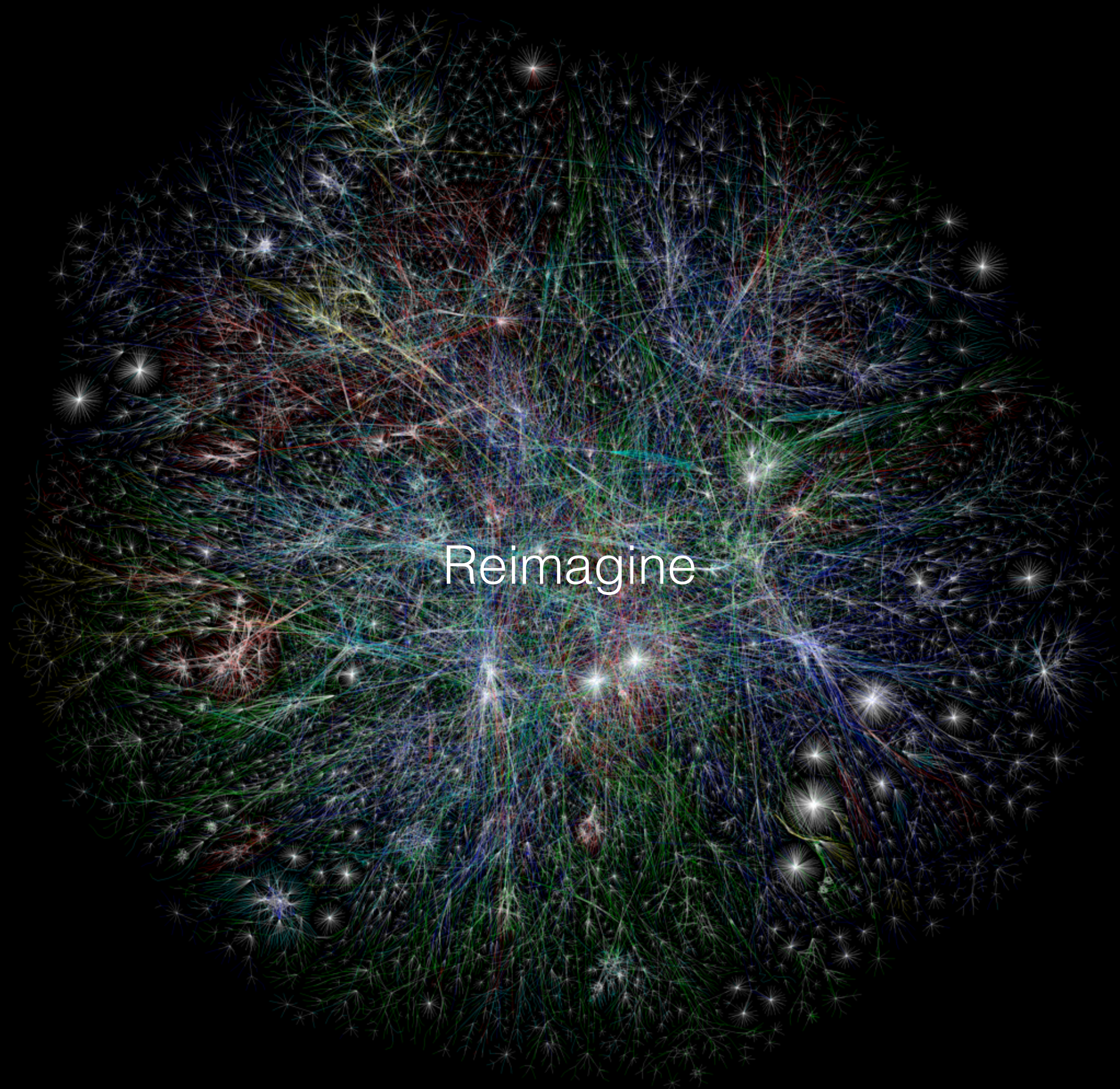
~~book~~ video

students

sleeping  
student(s)







Reimagine



Do we really know how our students learn?

How does MIT learn?





MCMXVI

MASSACHUSETTS INSTITUTE OF TECHNOLOGY









April 20, 2012



How does the MIT Media Lab learn?



A photograph of a modern, multi-story glass skyscraper at dusk. The building's interior lights are on, and its glass facade reflects the sky. A large, curved, illuminated structure is visible on the top floor. The building is situated on a city street with parked cars and a sidewalk. In the background, other city buildings and a comet streaking across the sky are visible.

Deploy or Die

Success?

Uniqueness

Impact

Magic





## 4Ps of Creative Learning



# Projects





Peers





Passion





Play





Preparing our students to be  
creative problem-solvers,  
because the world is  
changing ever faster.

We know this works face-to-face ...

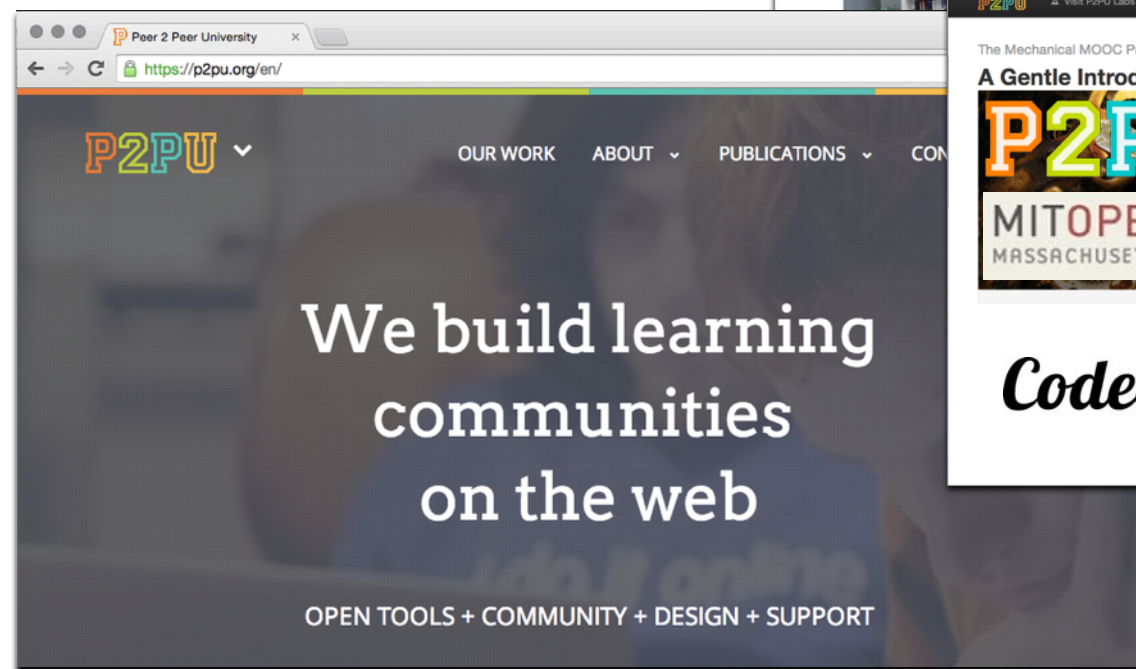
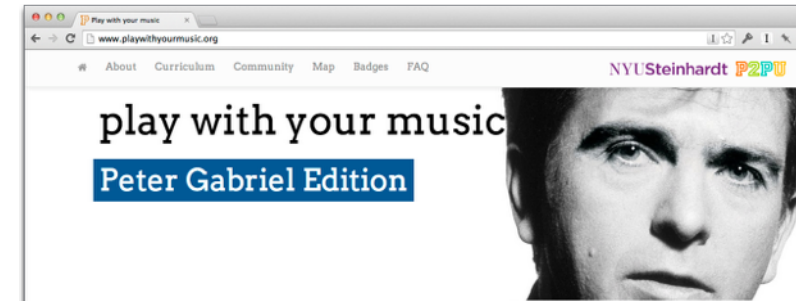


... but how about online?

MOOCs and alternatives




P2PU



The MIT Media Lab & P2PU Present...



 **The course starts on February 11th (but you can sign up now!)**

It's quick and easy.

[Join](#)

### Free & Online!

You've been dying to take the MIT Media Lab course on creative learning, but you're not in Cambridge? Despair no more. We invite you to join the course right here, on the interwebs. It's free of charge and we hope you'll like it.

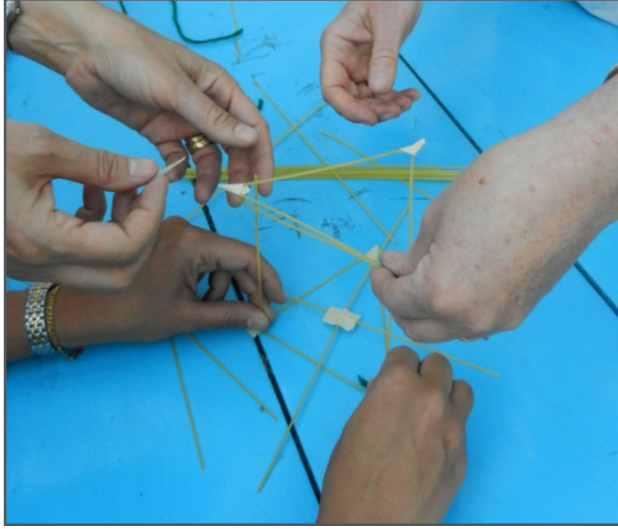
### A Big Experiment

This is a big experiment. Things will break. We don't have all the answers. Sometimes we plan to rely on you to make it work. But we'll try our very damdest to make sure you have a good time, and get something out of it.

### Weekly Lessons

Make new friends, and start learning from weekly live videos, readings, discussions, and project-based activities. Open for signup now, course starts February 11th. Questions? Drop us a note in our [Google+ community](#).





Learning Creative Learning
About
Event Settings

Srishti Sethi

LCL Share Fair - Live Welcome

Google+

0:02 / 13:10

Synced

Breakout A

JOIN

Breakout B

JOIN

Breakout C

JOIN

Chat Archive

Anand U
Hi Kasi

Mott C
Hi everyone

Mott C
This is AI

Chris G
AI, to join the live discussion join the hangout([https://plus.google.com/hangouts/\\_/grcp56uitzmgm2gnrghdae7kg4a?authuser=0&eid=113360791403354004146](https://plus.google.com/hangouts/_/grcp56uitzmgm2gnrghdae7kg4a?authuser=0&eid=113360791403354004146)) then close this window

Danielle M
"how to make learning visible?"

Kasiemba O
technical difficulties

Chris G
Hey Kas, Just click the hangout link to rejoin the live discussion if you can

Kasiemba O
It says I can't because "I blocked a member." I might've clicked something I wasn't supposed to when trying to mute the microphone. Sorry.

Kasiemba O
I'm still listening though.

Chris G
ok, if you want us to add soemthing on your behalf, just type it

Kasiemba O
I was going to say that we've spoken a lot on the value of documentation from a certain angle. For me, using an open form of documentation via Build In Progress, I've been able to get feedback during the making process. The feedback was a critical part of me troubleshooting my project.

Kasiemba O
... I thought that might be worth a mention.

Chris G
Prompt: How does your clubhouse give feedback?

Kasiemba O
On the site, I was only getting feedback from Brandon and Tiffany... but, it opened my eyes to the collaborative possibilities of that platform.

Kasiemba O
... especially once the community of participants gets larger and more open to making suggestions.

Allen M
I'm seeing the webcam of the MIT room large size. How can I see

Type your message here

89



Google+

mresmres@gmail...

9

+ Share

Home

Profile

Explore

Learning Creative Learning

This is where we will be posting general updates and news for the course. Stay tuned!

Share with this community

Kevin Wong

11:46 AM · Discussion


Choosing Your Own Adventures

Just like many of us here, I have always been a voracious reader. My mother says that well before the age of two I was constantly reading street signs, packaging, magazine covers - anything I could see. I recall needing to know the meaning of every word, to which my parents (likely due to their bemused

9085 MEMBERS

Invite people

All (9085)



Martin Dillon

7:10 PM

I think that it is interesting that when you get this many people together they start creating their own classes within the big class. Perfect example of interest base learning.

More

Discussion

Resources/Media

Weekly Email

I could only watch. Don't touch anything! But I knew they could do magic!

How did they inspire me? It's the process who got me inspired:

1) try something

2) hey! It doesn't work!

3) back to point 1

Re-broadcast of Session 2 video...

Tue, February 19, 8:00 PM · G+ Hangout

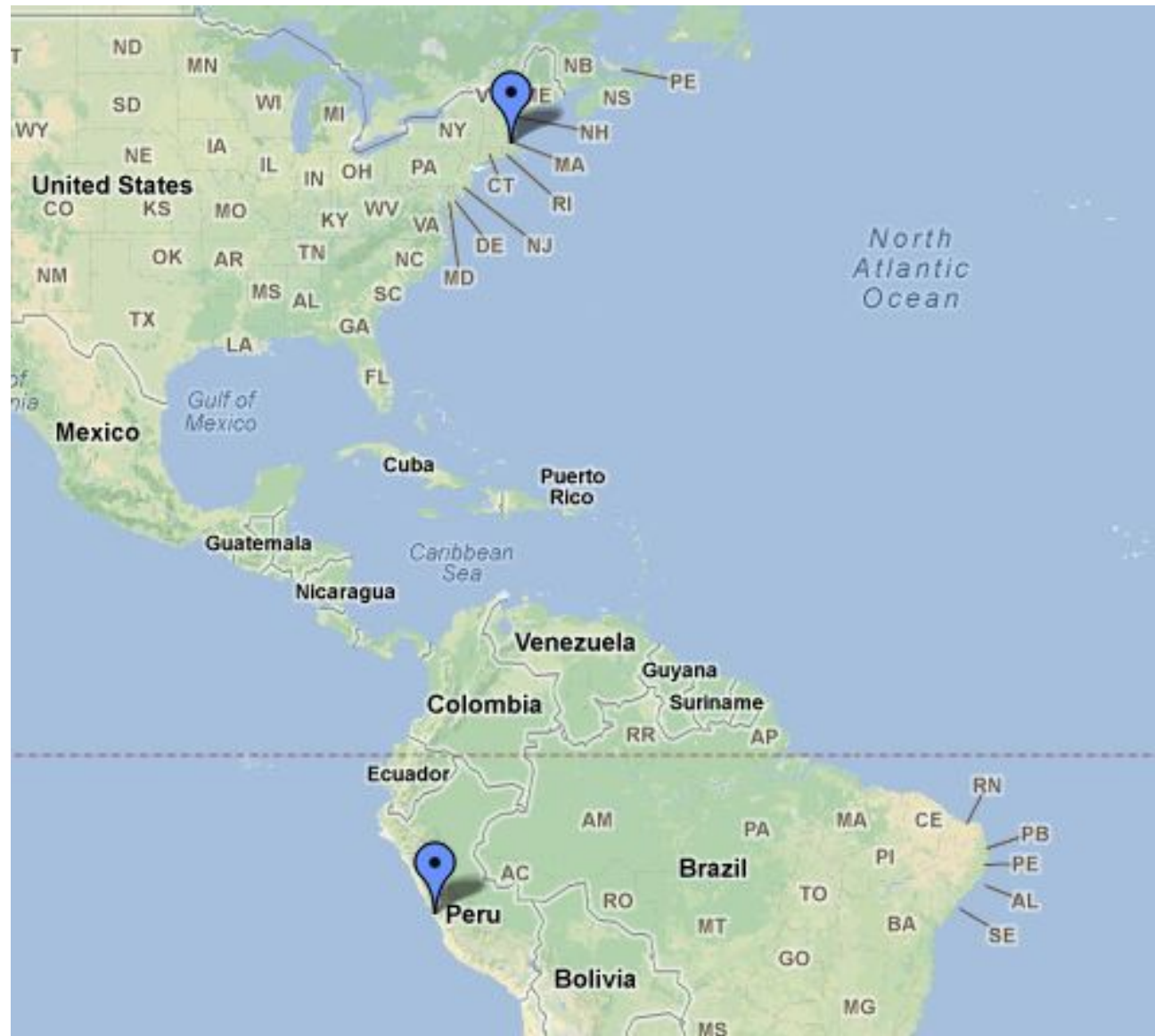
Chat







Adriano Parracciani



*“Those two  
little markers  
on the map  
make the world  
seem a lot  
more  
connected.”*

Brad Larson




P2PU Home About Course Outline FAQ G+ Community

The MIT Media Lab & P2PU Present...

## Learning Creative Learning

A course for designers, technologists, and educators interested in creative learning

- > About this course
- > Week by week outline
- > FAQ

 Learning Creative Learning - MIT Media Lab / P2PU

**The course starts on February 11th (but you can join now)**

It's quick and easy.

**Free & Online!**

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<http://learn.media.mit.edu>

Learning Creative Learning x

Learning Creative Learning

learn.media.mit.edu/lcl/

LCL About Community Gallery Map FAQ

# Learning Creative Learning

Join a community of educators, designers, parents, and tinkerers exploring new ways to support creating, experimenting, and learning. Together we can reimagine and reinvent education.

[LEARN MORE >](#)

## Join a Cohort

SIGN-UP here to become a member of the next cohort participating in the LCL community. It's better together!

P Learning Creative Learning x

reports.p2pu.org/learning-creative-learning/

P2PU

# Learning Creative Learning: How we tinkered with MOOCs

By Philipp Schmidt, Mitchel Resnick, and Natalie Rusk

<http://reports.p2pu.org>

Unhangouts



Unhangout

← → ↻ <https://unhangout.media.mit.edu/> I Q ☆ I ↻ ⓘ ☰

Unhangout About Events Permalinks Blog Login

How to Unhangout

01:43

⏮ ⏪ ⏩ ⏭ vimeo

♥

🕒


📧

Unhangout

Unhangout is an open source platform for running large scale online un-conferences. We use Google Hangouts to create as many small sessions as needed, and help users find others with shared interests.

Interested in running your own unhangout?  
[Request an Unhangout](#)

Upcoming events




11.132x Social Learning Discussion

Nov 10, 2014, 11:00 am GMT-05:00

Learn about social learning by being social!

Tweets




Judy Arzt @JudyArzt

Yes! RT @dierdreshetler: Awesome idea Thks @MIT for #unhangout concept! Open source platform for large scale online conferences #edchat

Expand

1h



Griff Peterson @grifpeterson

.@cdetar thanks for making today's #edcamponline #unhangout a success

Expand

2h



# Unhangout

A platform for unconferences. On the web.





Friedrich Fröbel

(1782–1852)

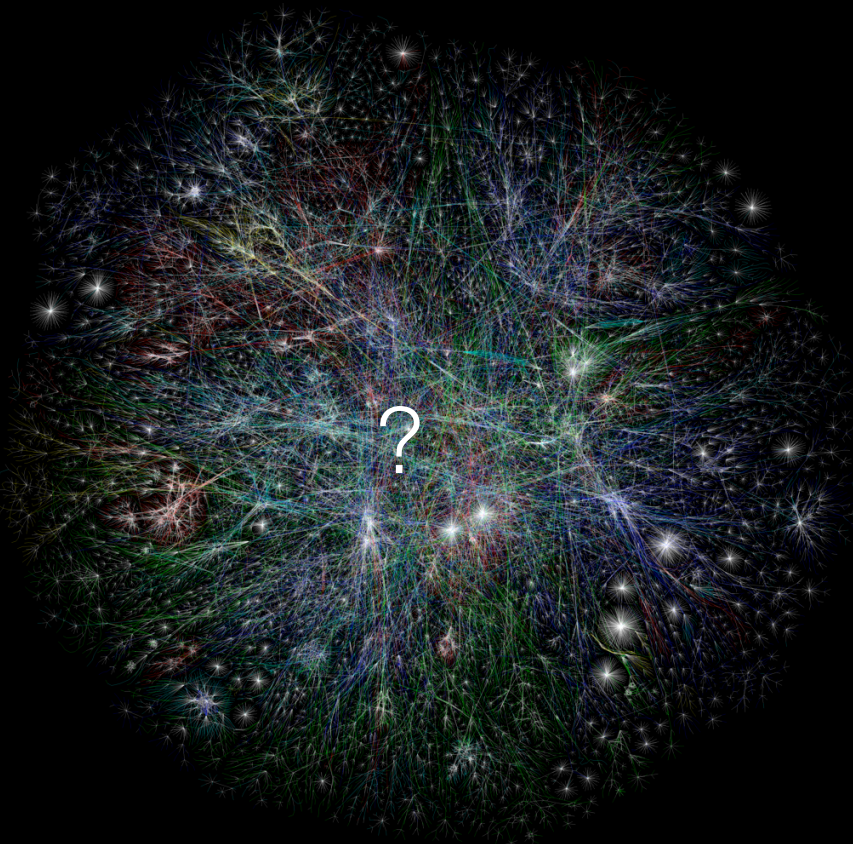


Bundesarchiv, Bild 183-37156-0001  
Foto: Löwe | 6. Juni 1956





Bundesarchiv, Bild 183-37156-0001  
Foto: Löwe | 8. Juni 1958



Experiments are cheap

Remove barriers for  
innovation (and innovators)

Students!



Germany <> USA

Reform or Reimagine?



The best way to predict  
the future is to invent it.

Alan Kay