

Influences du numérique sur la formation et l'enseignement

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OSPS, SSP, UNIL

Patrimoine numérique, numérisation du patrimoine
4e Rencontres des patrimoines
30.11.2012- UNIL

Structure

Première Partie:

Les pratiques comme support

Deuxième Partie

**Reconfigurations des modalités
d'apprentissage**

Ouvertures

Préservation et circulation des savoirs

Première partie:
Au début sont les pratiques



Des pratiques qui évoluent rapidement chez les jeunes

En 3 ans:

perte de vitesse des blogs (-50%)

commentaires sur les blogs des autres (-24%)

Depuis:

montée en puissance des réseaux sociaux

et des connexions mobiles

Source: Social Media & Mobile Internet Use Among
Teens and Young Adults, PewInternet report, 2010.

Facebook

*STRIKING, MIRACULOUS
SOCIAL TEAM-UP!*



SHARE abundantly your photographs, experiences and stories with your friends and families. For leisure or labour, Facebook is the enchantment "next look" in social team-ups. Eloquent economical and modern examples of communication adequate for our times.

THE FACEBOOK COMPANY ©



Twitter

*The sublime, mighty
community with just 140 letters!*

A VIRTUAL locality with a wide assortment of people. That's Twitter! A notorious new mechanism that lets you maintain virtual contact with family and friends no matter where they are. By following or being followed, you will enjoy previously unimagined experiences like sharing incredible amounts of information including videos, photographs, etc. Twitter is a truly magnificent tool!



TWITTER®

- 1/3 des accès à FB se font depuis un téléphone portable
- 91% de l'utilisation d'Internet sur smart phone est liée à des pratiques de sociabilités (79% sur PC)
- 57% des personnes communique plus avec le truchement de ces technologies que dans la "RL"
- 48% des 18-34 consultent FB au réveil
- 28% avant de sortir du lit!
- 48% des ados accèdent aux infos par les RS (US)

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and magnificent way to entertain the whole family.

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Un exemple, Youtube, début 2012 le site c'est:

chaque seconde **une heure** de vidéo est chargée sur le site

chaque jour **une décennie** de film

en 10 jours l'équivalent d'**un siècle de vidéo** qui est
mis en ligne

une progression de 30% en 8 mois
4 milliards de vidéos visionnées par jour

Youtube est le deuxième moteur de recherche le plus utilisé par les jeunes

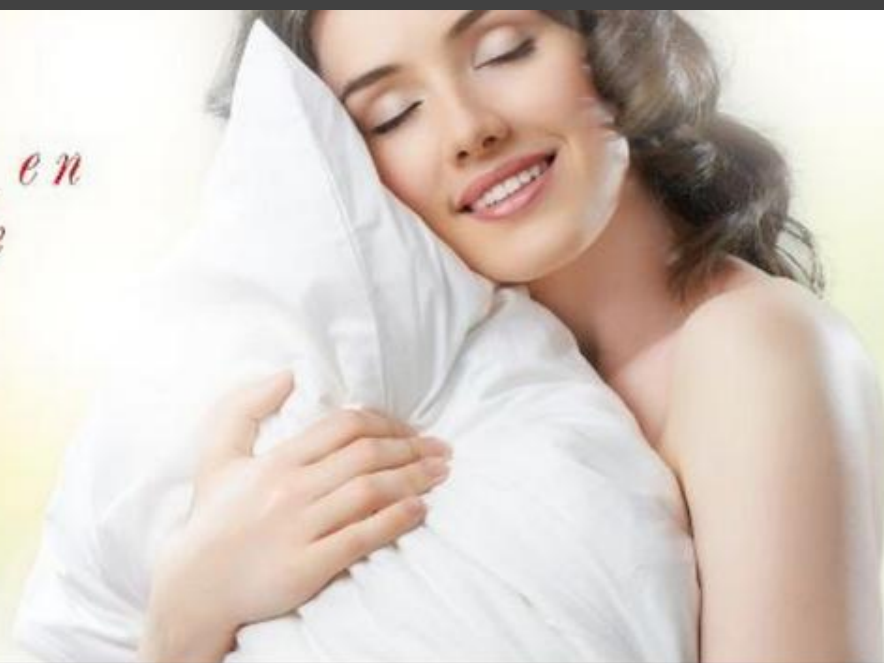
Outils qui accompagnent la vie des étudiants vs outils pédagogiques







*Parce que c'est en
dormant tout le
temps qu'on
apprend.*



SleEPFL

1 550 J'aime - 21 personnes en parlent

 J'aime

Message



Équipe sportive scolaire

Merci de flouter les visages des dormeurs, pour des raisons de protection de l'image. Merci de votre coopération.



Photos

 **1 550**

Mentions J'aime


À propos

Communautés d'apprentissage

chunk updates



Le guide complet !!  ²

>Le nouveau guide Minecraft< 

www.youtube.com/playlist?list=PLFCE6E220F06B0E8F



 J'aime  Ajouter à  Partager 

2 953 723 

Ajoutée par [TheFantasio974](#) le 28 mars 2011

Vous voulez en savoir plus sur Minecraft ?
En vous partageant mon aventure, je vous explique toutes les bases pour survivre et prospérer dans Minecraft : artisanat, exploration, construction,

19 893 "J'aime", 403 "Je n'aime pas"

Construction de chalet sur Minecraft

Aleze941

S'abonner

113 vidéos



J'aime



Ajouter à

Partager



88 053



Ajoutée par Aleze941 le 30 mars 2011

construction de mon chalet sur ma partie solo.

326 "J'aime", 28 "Je n'aime pas"





Deuxième partie:
Reconfigurations du contexte d'enseignement

Dynam
Intera

Dynamique du Web social
Interactivité intégrée
Infrastructure technique
Savoir-faire pédagogique



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- Ilia K



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Think Again: How to Reason and Argue

Duke University

Started 4 days ago (12 weeks long)



Introduction to Computational Finance and Financial Econometrics
University of Washington

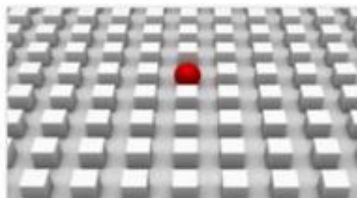
Starts in 17 days (10 weeks long)



Introduction to Astronomy

Duke University

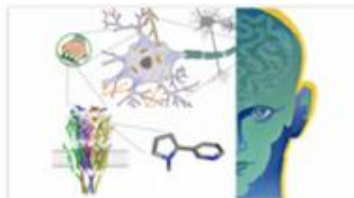
Started 3 days ago (9 weeks long)



Heterogeneous Parallel Programming

University of Illinois at Urbana-Champaign

Started 2 days ago (6 weeks long)



Drugs and the Brain

California Institute of Technology

Starts in a day (5 weeks long)



Algorithms: Design and Analysis, Part 2

Stanford University

Starts in 3 days (8 weeks long)

Learn almost anything for free

🔍 Examples: Leonardo's Last Supper, algebra, photosynthesis, deflation

What if there's a **negative exponent?** *What is the **eccentricity** of an ellipse?*
WAIT... IS THE ABSOLUTE VALUE ALWAYS POSITIVE?

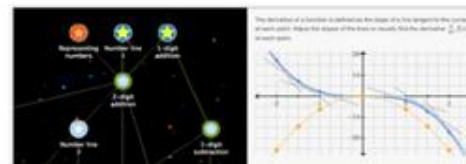
Answer community questions

Answer students' questions about our algebra videos and other subjects.



Hexaflexagons

Vi Hart folds and flexes her way through these mysterious collapsible hexagons.



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- Brain Teasers
- Vi Hart

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- Organic Chemistry
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Computer Science

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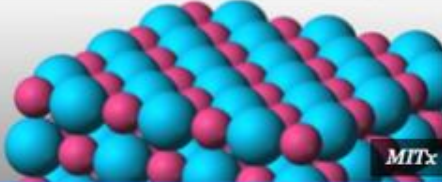
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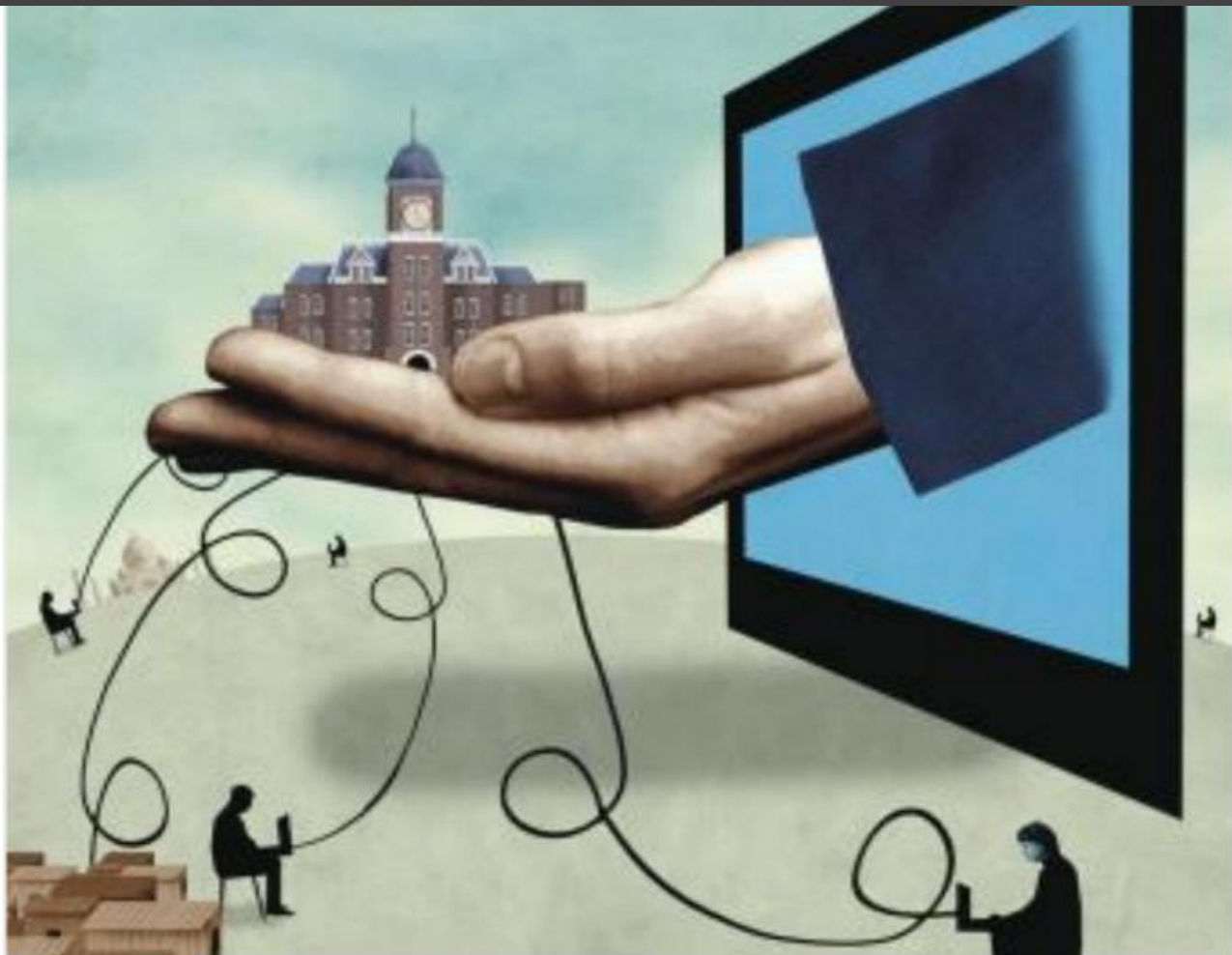
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Michael Morgenstern for The Chronicle

Questions ouvertes

- Modèle économique
- Couplage avec les formations existantes
- Légitimité
- Reconnaissance
- Stratégies institutionnelles



Tendances

- Ouverture de l'information
- Mutualisation des apprentissages
- Digitalisation de la classe
- Reformulation de la place de l'enseignant

Nom : Plein écran
Source : Plein écran
Destination : Pas de sélection
Mode : Capture d'image

navigation

- Main Page
- Recent changes
- Help
 - Contact OWW
 - Add a Lab Notebook

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- Protocols
- Resources

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New features include:
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Improved navigation
Jump between entries with ease



Welcome new OWW users!

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Parrott • Muhammad Musthafa • DONG-HYUN
Kim • Steven Casaceli • Kwang-il Lim • Dhrubajyoti
Samanta • Ana Miguel Fernandes • Prabha
Ramakrishnan • Cheri Gordon • Nazzareno
D'Avanzo • Joy Bose • Sang-Gyu Kim • H
Baskin • Vincent J.J. Martin • Rocha N • Peng L.
Liu • HX Feng • Lesley-Ann Miller • Alex A. Quintero

[See all new users.](#)

OWW Community Blog



Contribute for a strong synbio community

The BioBricks Foundation (BBF) is a public-benefit organization advancing synthetic biology to benefit all people and the planet.

[BioBricks Foundation Synthetic Biology 6.0 Conference announced: July 9-11, 2013](#)

Dear SynBio Community Members: The BioBricks Foundation is pleased to announce The BioBricks Foundation Synthetic Biology 6.

[Winners of BioBricks/OpenWetWare Improvement Survey](#)

Dear OpenWetWare Community, Thank you for your participation in the OWW improvement survey. We thank you for all your valuable input toward making OpenWetWare one of the most effective tools to facilitate your research.



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Generation of Mice Derived from Induced Pluripotent Stem Cells

Michael J. Boland¹, Jennifer L. Hazen¹, Kristopher L. Nazor¹, Alberto R. Rodriguez², Greg Martin², Sergey Kupriyanov², Kristin K. Baldwin¹

¹Doris Neuroscience Center & Department of Cell Biology, The Scripps Research Institute, ²Mouse Genetics Core Facility, The Scripps Research Institute

- Voltage-sensitive Dye Recording from Axons, ...**
Published Yesterday
- Generation of Mice Derived from Induced ...**
Published Yesterday
- Characterization of Molecular Mechanisms of ...**
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Gamification

The screenshot displays the Foldit game interface. At the top center, the title "Foldit" is visible. Below it, the player's "Rank: 119 (soloist)" and "Score: 9133" are shown, along with a progress bar and the current puzzle "123: Grand Challenge 7".

On the left, a "Pull Mode" tooltip provides instructions: "This hydrophobic sidechain is exposed. It should point inward!" and offers actions like "Watch Tutorial Video", "Use tool (Tweak)", and "Use tool (Rebuild)".

On the right, a "Group Competition" and "Soloist Competition" leaderboard is displayed. The Soloist Competition table is as follows:

Rank	Player	Score
117	autumndays	9141
118	Cosi	9137
119	JonathanCline	9133
120	Tact	9131
121	firejuggler	9131
122	richard c	9130
123	corbet	9127
124	Hugo_kin	9126

At the bottom right, a "Chat - Puzzle" window shows a conversation:

MikeCassidyToo: since you have not played a competitor puzzle you probably dont have any
MikeCassidyToo: play 123 it will dose tomorrow and you will get some points fro trying
LNR: alright thanks

The bottom of the interface features a navigation bar with "Actions", "Undo", "Duels", "Modes", "View", and "Menu". The central area shows a 3D protein structure with various colored spheres and sticks representing atoms and bonds.

project finder

pick an activity

pick a topic

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projects of the day



The Baby Laughter project

goal Help researchers understand what makes babies laugh.

task Submit simple field report describing how you made a baby laugh!

Online

comments

our blog

Sure, we've had our fair share of national and international media coverage (Today Show, Discover, Nature, CBS, etc) but ... [read more](#)

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for scientists

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add a project

edit your project

as seen in



project home

join in

discussion

related projects

Tweet

Like 0

+1 0



Photo: DOD

Participation fee	\$0
Expenses	\$0
Spend the time	indoors
Location	online
Children	no
Primary school	no
Secondary school	yes
Teaching materials	no

Required Gear:

A computer with Internet.

Marblar

goal Find real-world applications for unused inventions

task Come up with ideas for dormant research projects.

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Ouvertures

La numérisation et après?

Patrimoine et mémoire en ligne

Quelques caractéristiques de la mémoire en ligne

Fragmentée

Parcellaire

Plurielle

Longue durée

Durée aléatoire

Malléable

Réorganisée par le présent



Patrimoine comme...

- circulation
- socialisation
- préservation

Merci pour votre attention

