The Radical Portfolio
1000 new students/yr
that's our students
often, teaching and learning is organized like a jump&run game

robert l. fried: »the game of school«
(very important) disclaimer
(with this metaphor, I do not refer to the content of the game, but the general structure of the game, where you can roam a very large and fairly complex virtual city and freely choose the activities you want to pursue)
Steve: Kling je hit besesacht?
jeje: klingt so klapzig. Ich ruf extra an oder wie.
jeje: Schriftkommunikation, soll's se dann so sein? Grosser Leug.
jeje: So, schön, dass so was ist. Ich bin da so gern dabei, damals noch nicht so hot, aber ich war so hot.
jeje: Na, des passt schon... 
jeje: bevor ich dann auf die Macht lehnte, was hol, nur wessi ma nun gut geht, such' ma an andre weg
jeje: Na, des passt schon...
jeje: Steir, es sei denn du willst unbedingt dass du anruf.
jeje: Wenn da numm die ruf al
»continuous partial attention«

(Linda Stone)
14. century
»Seht liebe Leut hie steht der Mann, so alle Künste eingießen kann.«

(Here you see the man that can fill in all arts)
»first stupid and dull, now bright as Goethe, this was done by the power of the funnel«

postcard, ca. 1940
why do students attend lectures?
why do students attend lectures?

- ritual
- calm conscience
- feeling of activity
- focus by presence
- don't miss important stuff
- periodic interaction with others
- interaction with teachers
- surrender responsibility
- accept duties
- contact with teacher
- contact with others
- leave home
what can we do with the traditional large class lecture?
»Professors say leave the laptop at home, bring pen and paper«

Seattle Post-Intelligencer, Oct 2007

»We can’t make our kids passive again«

Lawrence Lessig
»The question is not, as I see it, if one should **ban laptops** from lectures, or **cure the student** from inappropriate behavior but rather how one can foster a **positive utilization** of the laptops from an organizational point of view.«

Tomas Lindroth
studierende mit laptop: googlen während der vorlesung.
informationsexplosion

Wissensbasierung der Technik


studierende mit laptop: googlen während der Vorlesung.
Wissensbasierung der Technik

informationsexplosion

immer mehr information
wissen wird verfügbar
und zur Entwicklung
von Produkten verwendet

Technisierung des Wissens
solche Technologien
wissen wird über
zugänglich gemacht

projection

student laptop
These *talking machines* are going to ruin the artistic development of music in this country. When I was a boy...in front of every house in the summer evenings, you would find young people together singing the songs of the day or old songs. Today you hear these infernal machines going night and day. We will not have a vocal chord left. The vocal chord will be eliminated by a process of evolution, as was the tail of man when he came from the ape.

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**John Philip Sousa**

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42:62 - sousa vs. talking machines
42:61 - pianola-rolle
42:60 - pianola
42:59 - i love p2p
These talking machines are going to ruin the artistic development of music in this country. When I was a boy...in front of every house in the summer evenings, you would find young people together singing the songs of the day or old songs. Today you hear these infernal machines going night and day. We will not have a vocal chord left. The vocal chord will be eliminated by a process of evolution, as was the tail of man when he came from the ape.

John Philip Sousa

projection

student laptop
Welcome, peterpur — edit profile

Our findings show that, in almost all cases, a transition toward open-source reports of earnings on the long term yields better performance of software products.

Gesellschaftliche Spannungsfelder der Informatik
Peter Purgathofer, Sommersemester 2009

http://lex.igsw.tuwien.ac.at:8080/slidecast/gsi2

First, we conclude that, as measured by the stock markets, there is evidence proving the potentiality of software. There is no evidence that the expansion of software potentiality benefited firms in the software industry.


There is limited evidence of relatively negative effects on some types of software producers...


...we should also emphasize that the majority of the software patents acquired during the past twenty years have been acquired by non-software firms in the IT sector...


Patent troll is a pejorative term used for a person or company that engages in tactics against one or more software firms.

Microsoft chairman and chief software architect Bill Gates said in a July (2008) financial analysts meeting that his company plans to file more than 3,000 patents in fiscal 2008, a significant increase in the "something over" 2,000 filings the previous year.

Die patentierwahn der großen wird so zu einer gefahr für kleine und mittlere software-driver, forschungs- und entwicklungsprojekte, open source & free

The patent shill lover

[Image of patent troll]
13 1/2 lectures, ~900 slides, 125 active students
1.7 million character posted (~1 book)
notes, links, addenda, objections, new material, current events, discourse, etc.
collective intelligence vs. expert paradigm

No one knows everything, everyone knows something, all knowledge resides in humanity.
Paul Levy

everybody can contribute
open handling of information
lifetime experience, group expertise, hard to assess

»Meisterklassen«
Insider vs. Outsider, »Divides«
clear and hard rules for the access to information
relatively easy to assess, certificates etc.
approx. 4,000 words of discussions about password security
compare

course A:
120 students
1.7 mio chars posted

course B:
500 students
10,000 chars posted

-> »new kind of pedagogical model«
»It's not about matching traditional models with existing tools anymore; It's about developing a **brand-new pedagogical model** and implementing the next generation Web environment upon it«

Antonio Fumero
The Radical Portfolio
Radical

4. Favouring fundamental change, or change at the root cause of a matter.

en.wiktionary.org
no assignments
no deadlines
Radical
no game of school
»pottery course« anecdote
by bill buxton
group 1 graded by best work delivered

group 2 graded by total weight of work created
group 1 graded by best work delivered

group 2 graded by total weight of work created

best single results by students of group 2
for example: a (growing) catalog of 14 possibilities activities open for suggestions. Activities documented in portfolio. Points awarded for well-done. No activity more than 10% of the grade. Most are worth ~2% of the grade. Hand-in-limit: 20% of grade per week.
portfolio set up like social software: peer communication is stimulated, in groups of friends as well as anonymously
portfolio

- author access
- teacher access
- public access
portfolio

author access

peer access

teacher access

public access

private... exchange coordination comments reviews
peer reviewing before handing over = informal learning
students take (back) responsibility for
... their goals
... their learning
... their methods and research
... their experience
Thank you