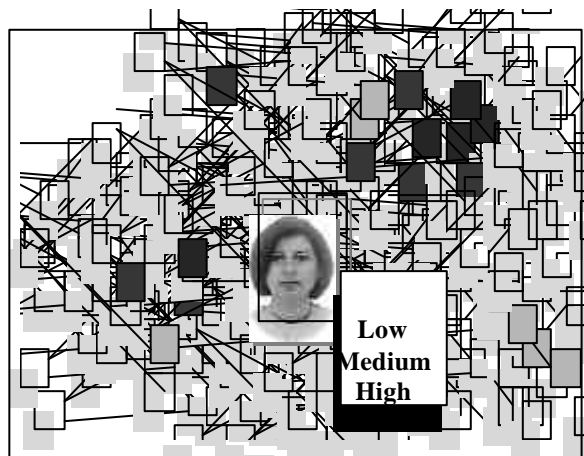
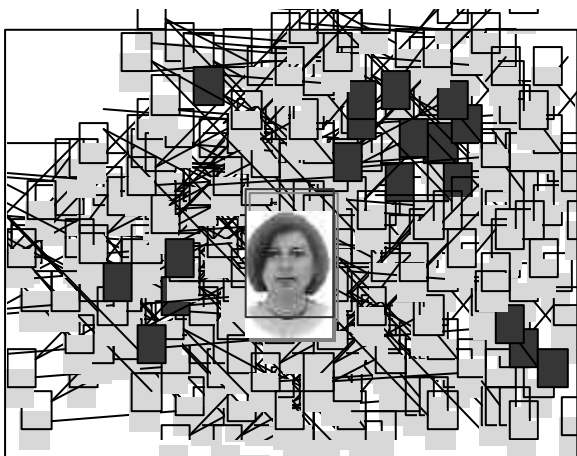


-1-

Anticipate maintenance

« What will you do when you assistant will be gone ? »
 « What will you do when the funding will be over? »

Quality rather than quantity
 Information is social



Social Navigation



Andy proposes a new solution on the website

- ↳ Betty says Andy's solution is ~~great~~
- ↳ Betty said software-X is great
- ↳ You hate software-X
- ↳ Charly says Andy's solution is **bad**

Virtual space is a social space

The information space is
inhabited by the users



DIVE

Virtual space = [!]3D

(3D is a pain)

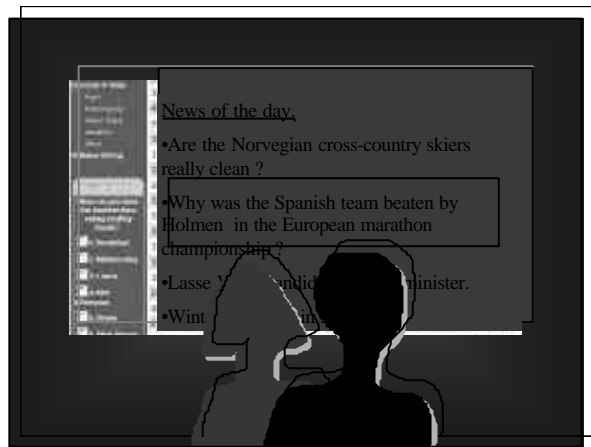
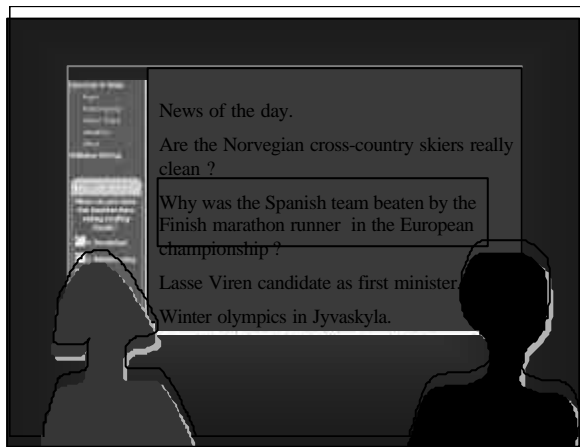


Co-presence imparts on chat dialogues

Acknowledgment Delay: 59 sec. 39 sec
 Acknowledgment Rate: 34 % 50%

The diagram shows two participants sitting at computers, facing each other with a central server icon. Arrows indicate the flow of communication between the participants and the server.

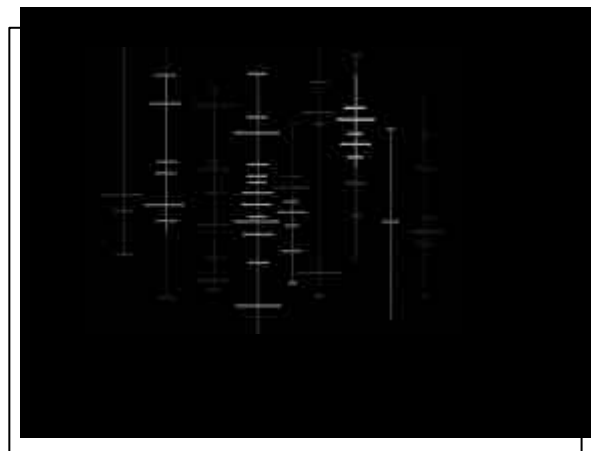
MOO experiment, 20 pairs

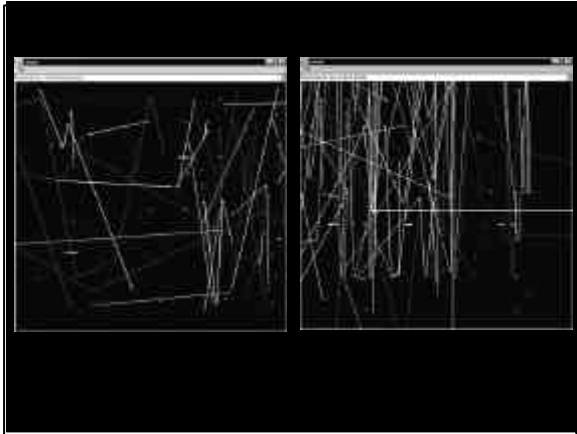


Visualizing On-Line Communities

The screenshot shows a web browser displaying a community visualization. The visualization consists of a grid of nodes and edges, representing the structure of an online community. The nodes are arranged in a grid, and the edges connect them, forming a complex network.

© 2005 University of Illinois at Urbana-Champaign





Patrick Jermann
(LRDC/TECFA)

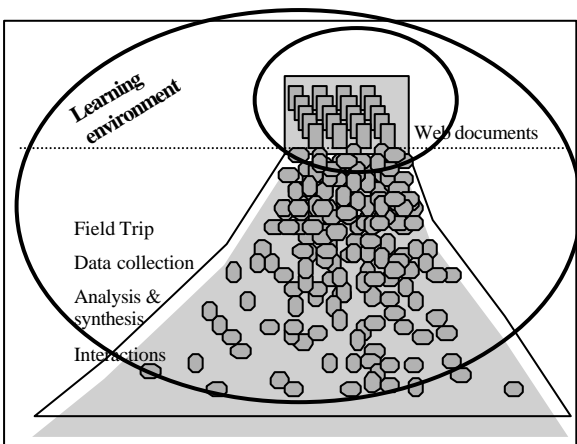
1 (information space)

Escape from the library model
The information space is a social space

Less Information ; More interaction

-2-

Students are not only active
but actors



Learning Environment > Web site

2: Students as actors

Don't expect miracles

- Flexibility does not mean « less time »
- Time is often the key constraint
- Not assessed → Not done
- Social commitment may come, but may not be decided for them.
- Differences raise participation

The «ArgueGraph » script

Phase 1

Question 1

1. Quel est le rôle de la fonction de coût dans un problème de programmation linéaire ?

1. Définir l'ensemble des solutions réalisables du problème.
2. Définir l'ensemble des solutions réalisables du problème.
3. Définir l'ensemble des solutions réalisables du problème.
4. Définir l'ensemble des solutions réalisables du problème.

The «ArgueGraph » script

Phase 2

Diagramme à axes 'SYSTEME' et 'LENGUE'.

The «ArgueGraph » script

Phase 3

Question 1

1. Quel est le rôle de la fonction de coût dans un problème de programmation linéaire ?

1. Définir l'ensemble des solutions réalisables du problème.
2. Définir l'ensemble des solutions réalisables du problème.
3. Définir l'ensemble des solutions réalisables du problème.
4. Définir l'ensemble des solutions réalisables du problème.

The «ArgueGraph » script

Phase 4

Diagramme à axes 'Design choices' et 'Theories'.

Design choices: Immediate FB, Delayed FB, Microworld FB

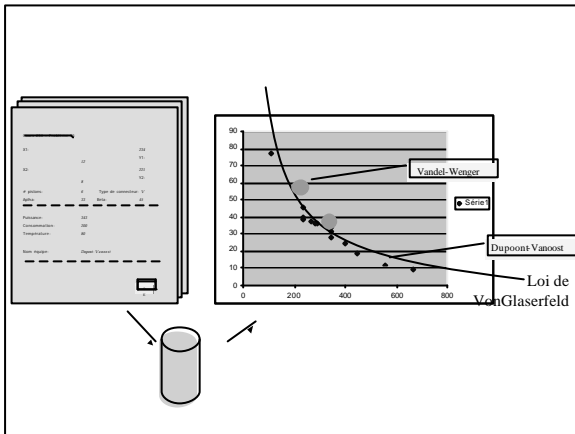
Theories: Behaviourism, Constructivism, Metacognition

Cours 234 – Problème 5

X1:	234	Y1:	12
X2:	221	Y2:	8
# pistons:	6	Type de connecteur:	V
Alpha:	33	Beta:	45
Puissance:	343		
Consommation:	200		
Température:	80		

Nom équipe: Dupont-Vanoost

OK



-3-

E-learning as an extension of your class.

- « augmented » class
- blended learning is more robust

e-learning will disappear

-4-

Keep it small & light

- Don't promiss everything
- Anticipate your workload
- Focus on one (difficult) chapter
- Focus on interaction rather than content

More bandwidth is not necessarily better

	SMS	WAP
Media richness	☹	☺ ☺ ☺
Usage	☺ ☺ ☺	☹

Video ? Audio

Group Performance	No
User Preferences	Yes
Perceived emotions	?

Perceiving my partner's emotions:
Is video better than audio ?

.62

.70

Question to A: Were you nervous ? 1 • 2 • 3 • ~~4~~ • 5 •

Question to B: Was A nervous ? 1 • 2 • 3 • 4 • 5 •

René Glauz (TECFA), oct. 2002

I see what you see > I see you



Belvedere

-4-

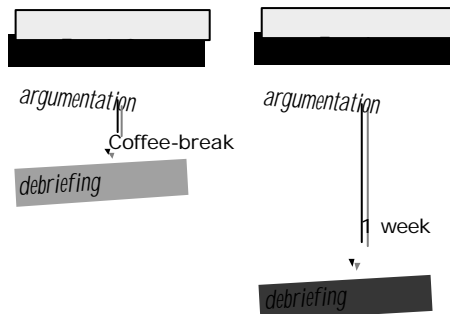
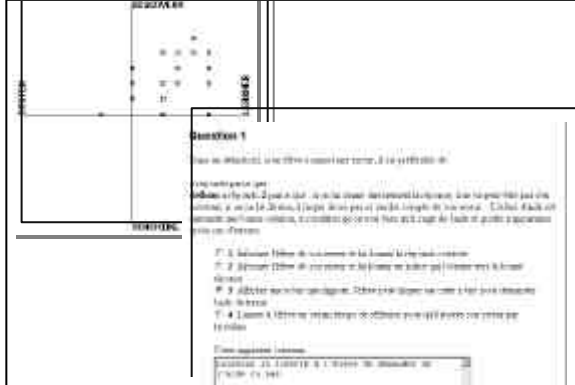
Keep it small & light

More is not always better

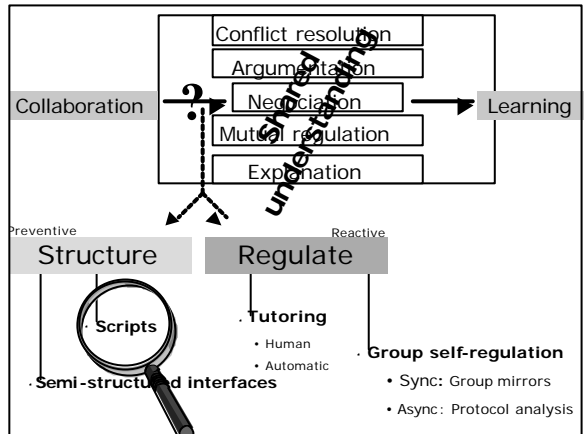
-5-

Expect Problems

The «ArgueGraph» script



-5-
E-learning is more fragile



Movie Script

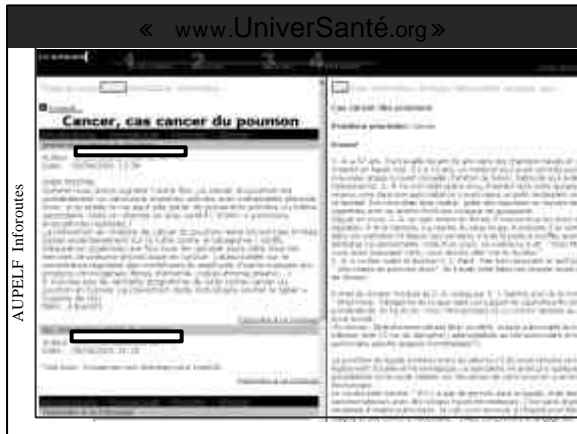
John (affirmative): Democracy is when there are elections
 Suzanne (smiling). Even when the president gets 99%
 John (shakes his shoulders): No, I mean real elections
 Suzanne: ...

CSCL Script

John : you are a naive journalist
 Suzanne: you spent 5 years in franco jails
 You task is classify countries as democratic or not

The «Grid» script

The «Grid» script



« www.UniverSanté.org »

Public Health Issues	Switzerland	Lebanon	Tunisia	Cameroon
Cancer	Case 1	Case 1	Case 1	Case 1
	Case 2	Case 2	Case 2	Case 2
Diabetis	Case 3	Case 3	Case 3	Case 3
	Case 4	Case 4	Case 4	Case 4
...				

Berger, A., Moretti, R., Chastonay, Clavien L. P., Dillenbourg, P., Bchir, A., Baddoura, R., Bengondo, C., Scherly, D., Ndumbe, P., Farah, P. & Kayser, B.

Collaborative Learning Scripts

Sequence of phases, each as 4 attributes:

1. Task → structure collaboration:
2. Roles → play with differences
3. Timing → provide students with a frame
4. Mode of interaction
 - Distance + Presence
 - Synchro + Asynchro
 - Individual + collaborative + co-operative + collective + competitive
 - Include the tuto

-Summary-

1. Mix information with social interaction
2. E-learning for inventing new classroom activities
3. Keep it small, cheap, simple
4. Expect Problems
5. Structure collaboration