



UNIVERSITÀ DEGLI STUDI DI PARMA

# Between Methodology and Technology: experiences with openEyA Lecture Capture System

Innovation in teaching and learning using technology- Workshop  
University of Parma, 21st June, 2012



UniPR Co-Lab  
UniPR Co-Lab

Research Center on Learning and Digital Publishing  
Innovation and Support

# This workshop on Twitter

Please use following hashtags  
to comment, ask and  
as a reference:

#colabunipr

#EcoTempusPR2012







# NOTICE

For educational purposes,  
Lectures, Talks, etc.  
are being automatically  
recorded in this room.

*Sdu* (EyA)

for additional information visit: <http://sdu.ictp.it/eya/about.html>



Can OpenEyA system be a proper  
system to capture lectures and other  
events

(at the University of Parma)?

Is it worth going on testing that system  
with students? Why?

Is it just a matter of SOFTWARE?



## student-centred approach to the problem

1. Students watch lots of recorded lectures at home
2. No technical problems
3. Watch lectures multiple times
4. Watch <75% of lecture
5. Would like to see ALL lectures recorded
6. Improves pass rate
7. Recording lectures improves bad lectures!

Clark, D. (S.d.). Recording can improve a bad lecture! 7 surprising facts about recorded lectures. Donald Clark Blog. Blog. Recuperato  
Giugno 6, 2012, da <http://donaldclarkplanb.blogspot.it/2011/09/recording-can-improve-bad-lecture-7.html>



# 2 levels

## methodology

## technology



# inspiring models

knowledge involves participation  
Wenger, 2008

idea of "augmenting human intellect"  
and extend human capabilities with  
prosthesis  
Engelbart, 1962

when minds interact, new ideas emerge  
Licklider & Taylor, 1968



# 2008

## Alternative system to videocamera

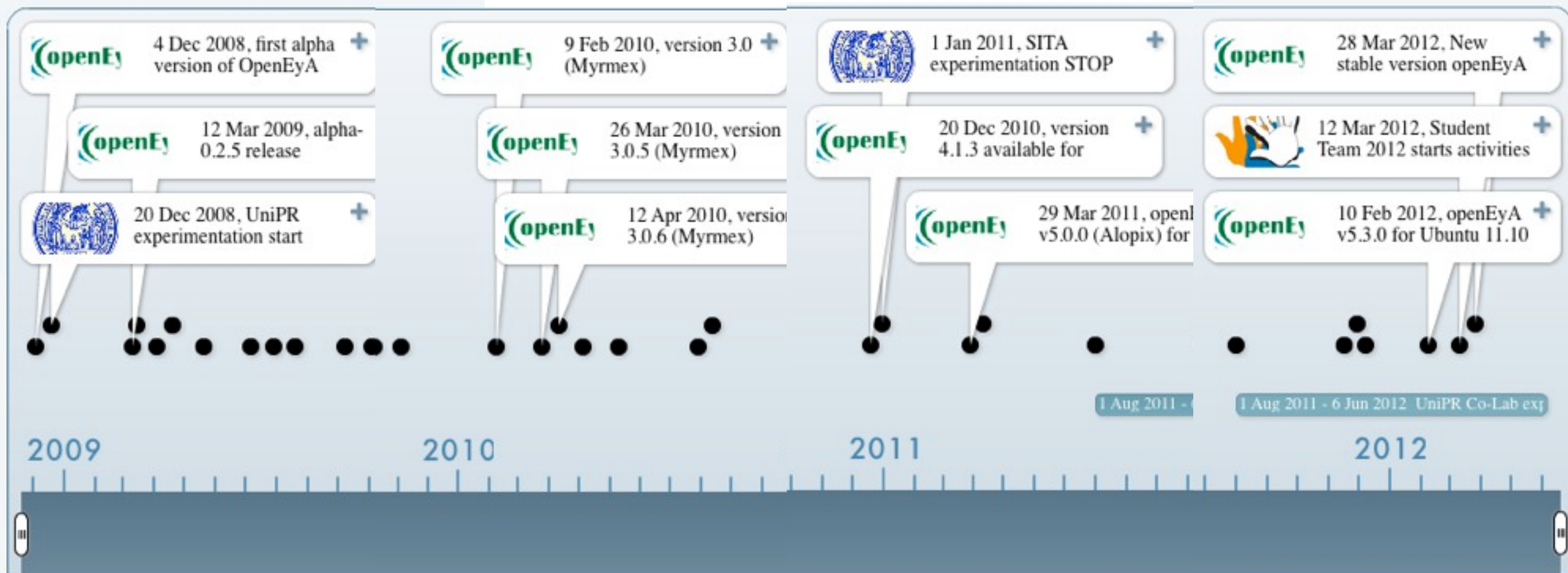
The guidelines:

little cost – in terms of:

- investment
- support
- little work effort for the lecturers







## Milestones:

UniPr approaches

New releases that solved problems

# Experimentation timeline

<http://bit.ly/Lsgshy>



USB switch

microphone

Webcam

Hd webcam

Laptop




## OpenEyA: necessary hardware

[www.openeya.org](http://www.openeya.org)






Audio/video recording with synchronized slides




Date: 2007/03/08 10:00-10:59

Video (webcam)



zoom on image

Hi-Res image



Open the original image in a new window.

# Output

# Who needs recorded lectures?





# Pots????





# Pots????

# or Potters?







Irene Vezzani  
Teresa Martino  
Danio Rossi  
Sami Jaber  
Darika Fuochi  
Francesca Fati

# Student team 2012

## Faculty of Humanities

### Communication Science Course



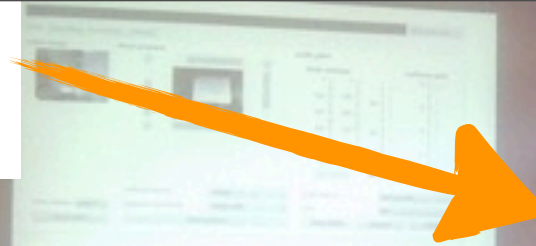
# Methodology and approach



ethnographic  
research



# Active learning



practical activities  
interactive tutorials  
seminars

# Data collection



interviews  
observation  
working together  
conversation  
confrontation



## Student Team 201

[Home](#) > [I miei corsi](#) > [Student Team 2012](#)

### Indice degli argomenti

#### Avvisi e notizie

In quest'area sono inseriti avvisi e notizie di interesse generale.

#### Le nostre discussioni

L'area Student Team 2012 è un'area di comunicazione e collaborazione. Al centro il nostro dialogo e le discussioni nei forum

#### Diario di ricerca Student Team 2012

Diario dettagliato delle attività dello Student Team 2012

#### Forum sperimentazioni test e problemi tecnici

Un forum dove inserire i nostri appunti su problematiche riscontrate nell'uso di questo ambiente.

#### ? Quale strumento per il diario di gruppo?



# PROS? LET'S ASK THEM





# Critical / crucial issues (technology)

- portability Vs usability
- audio quality
- organization and logistics



# Critical / crucial issues (methodology)

- group work difficulties
- coordination
- organization
- commitment: more engaging



# What did we record?



Since September 2011

29th April 2012: 42 videos

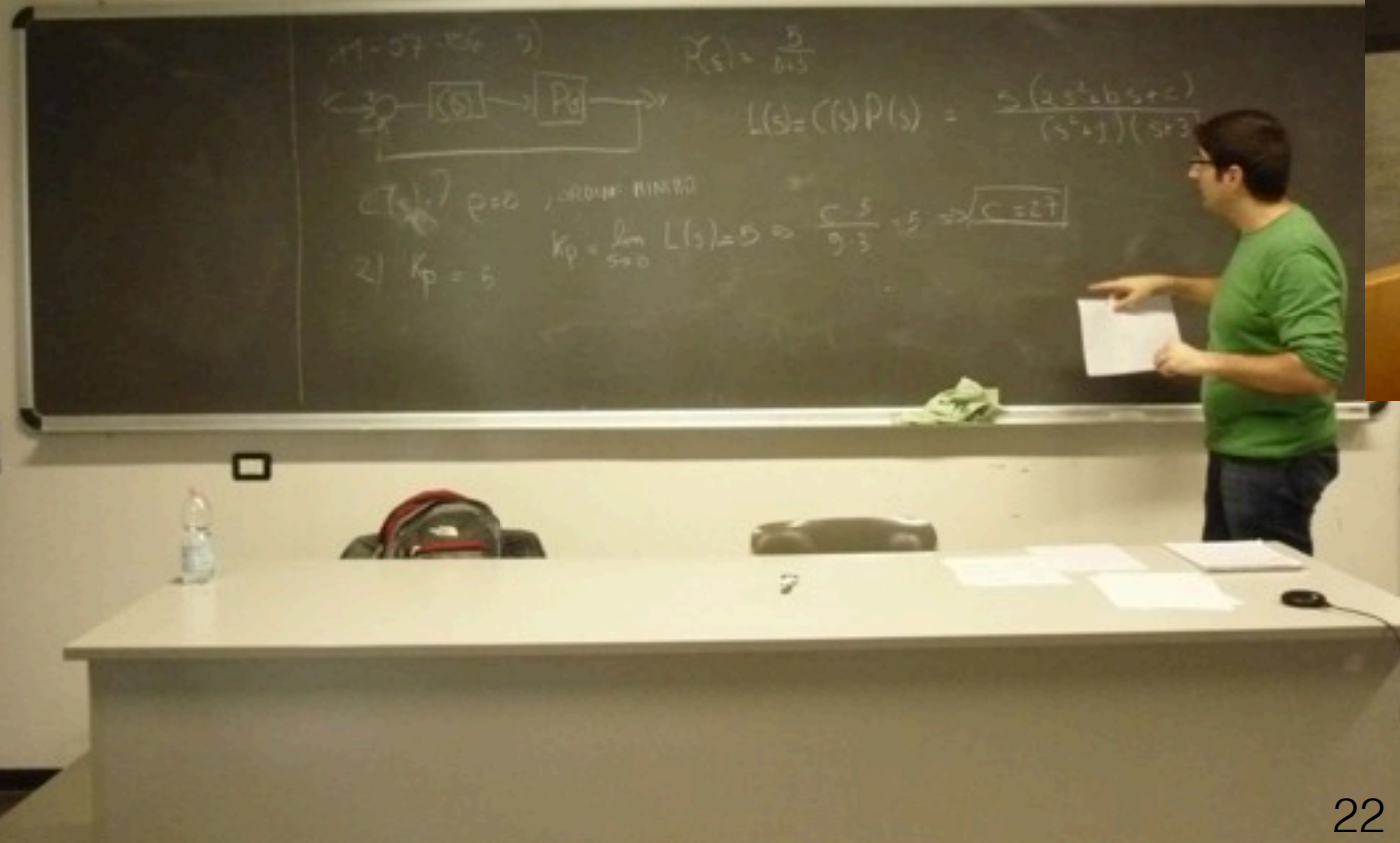
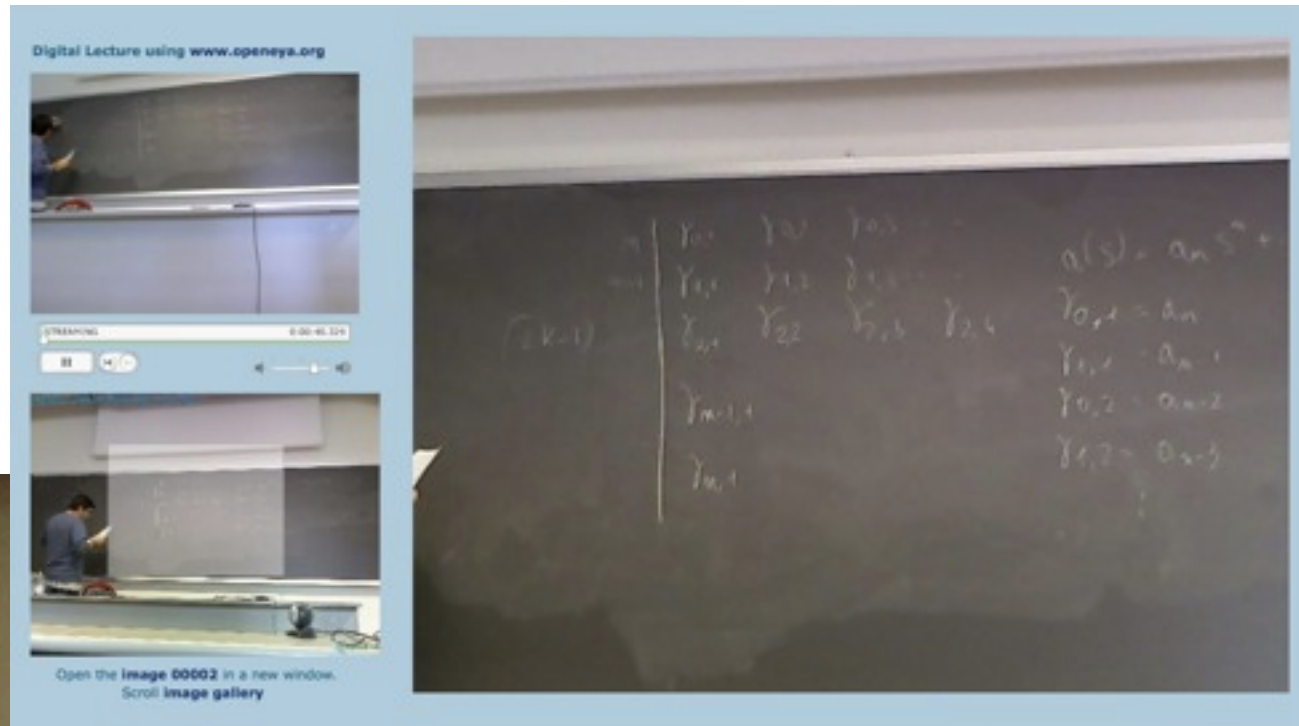
28,5% of videos available on **YOU.unipr.it**  
video server (147)

27 videos recorded  
with OpenEyA system

**colab.cce.unipr.it**



# 3 student seminars for working students (Faculty of Engineering) April and May 2012



<http://bit.ly/LsHghv>



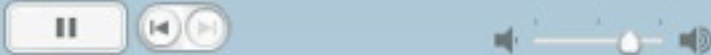


# Joint UniPR UniMO course presentation 16th May, 2012

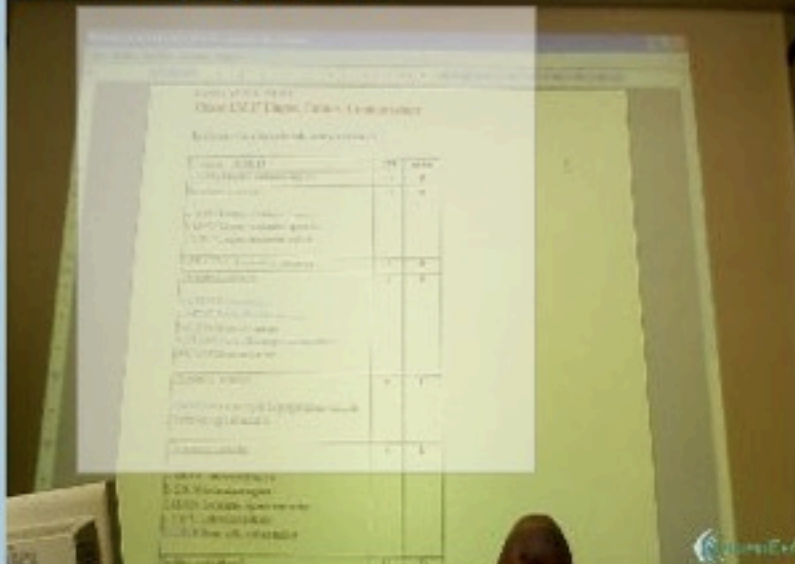
Digital Lecture using [www.openeya.org](http://www.openeya.org)



STREAMING 0:00:32.782



Date: 2012/05/16 15:03



Open the image 00001 in a new window.  
Scroll image gallery

PIANO DEGLI STUDI  
**Classe LM-37 Lingue, Culture, Comunicazione**  
Indirizzo: Attività culturali, arte e spettacolo

I° Anno - 2012/13	CFU	ambiti
L-LIN/12 Lingua e traduzione inglese	12	B
Un esame a scelta tra:	12	B
L-LIN/04 Lingua e traduzione francese L-LIN/07 Lingua e traduzione spagnola L-LIN/14 Lingua e traduzione tedesca		
L-FIL-LET/11 Teorie della traduzione	6	B
Un esame a scelta tra:	6	B
L-ART/05 Drammaturgia L-ART/07 Storia del teatro musicale L-ART/06 Storia del cinema M-STO/04 Storia dell'Europa contemporanea M-STO/01 Storia medievale		
Un esame a scelta tra:	6	C
SPS/06 Teoria e metodi della progettazione culturale Tradizioni e generi narrativi		
Un esame a scelta tra:	6	B

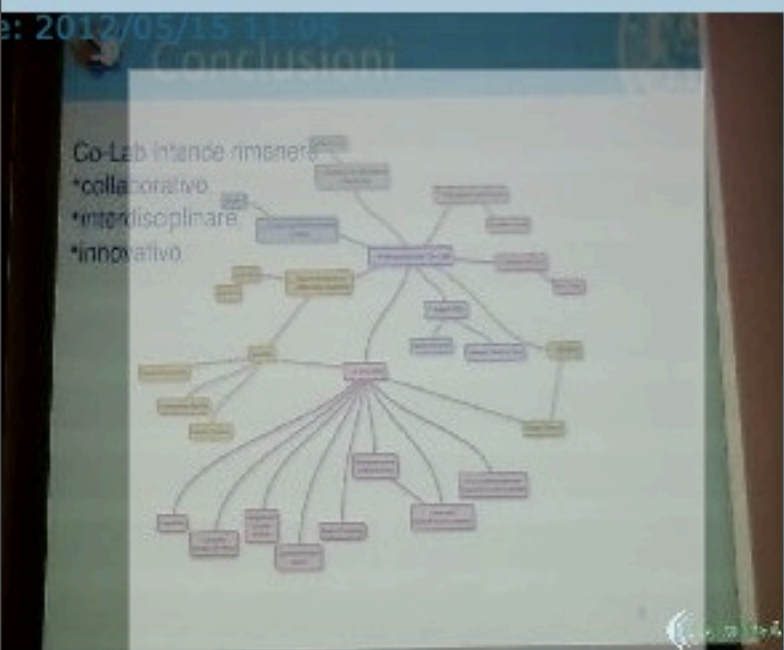


# UniPR Co-Lab presentation Conference

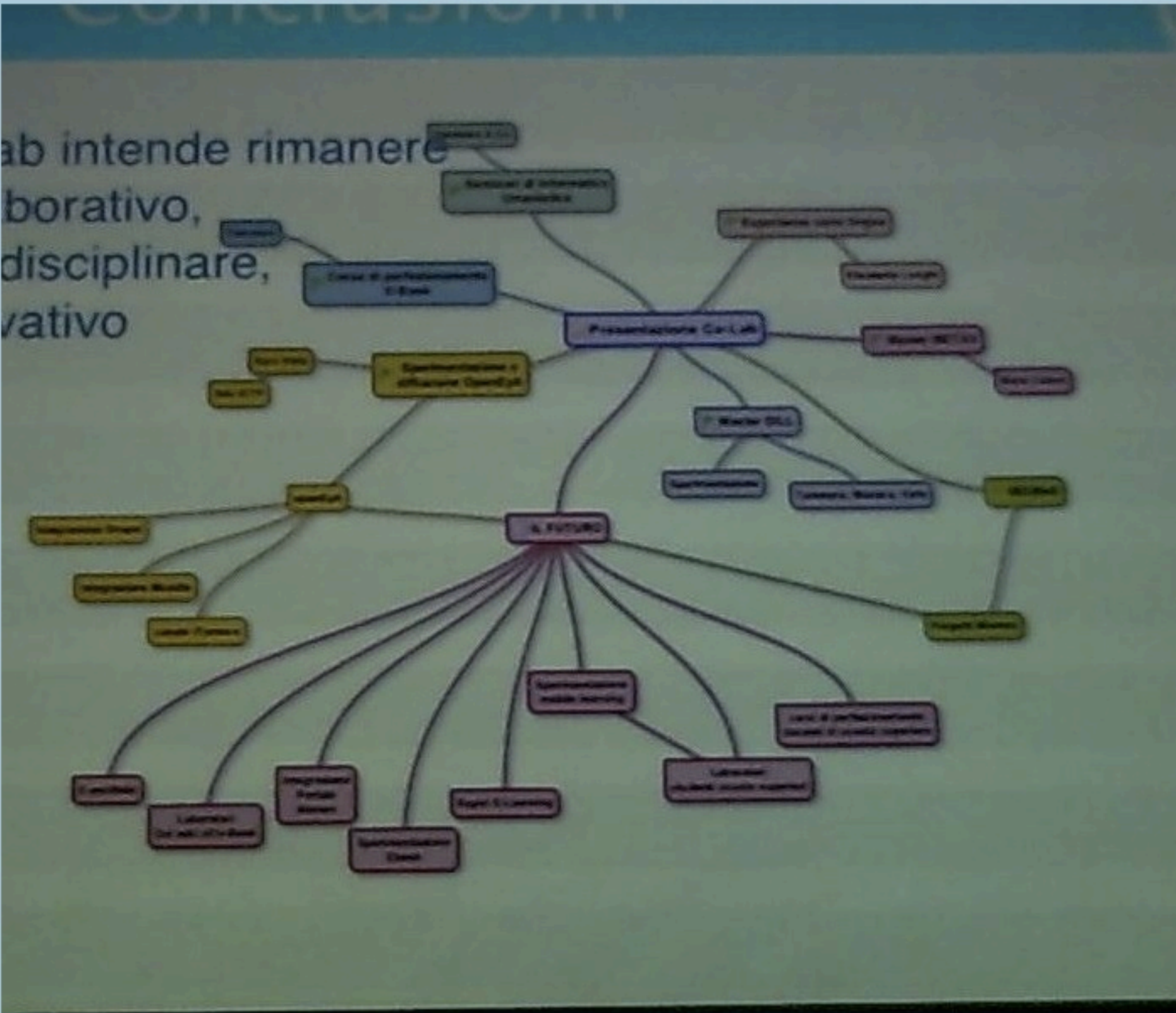
Live Lecture using [www.openeya.org](http://www.openeya.org)



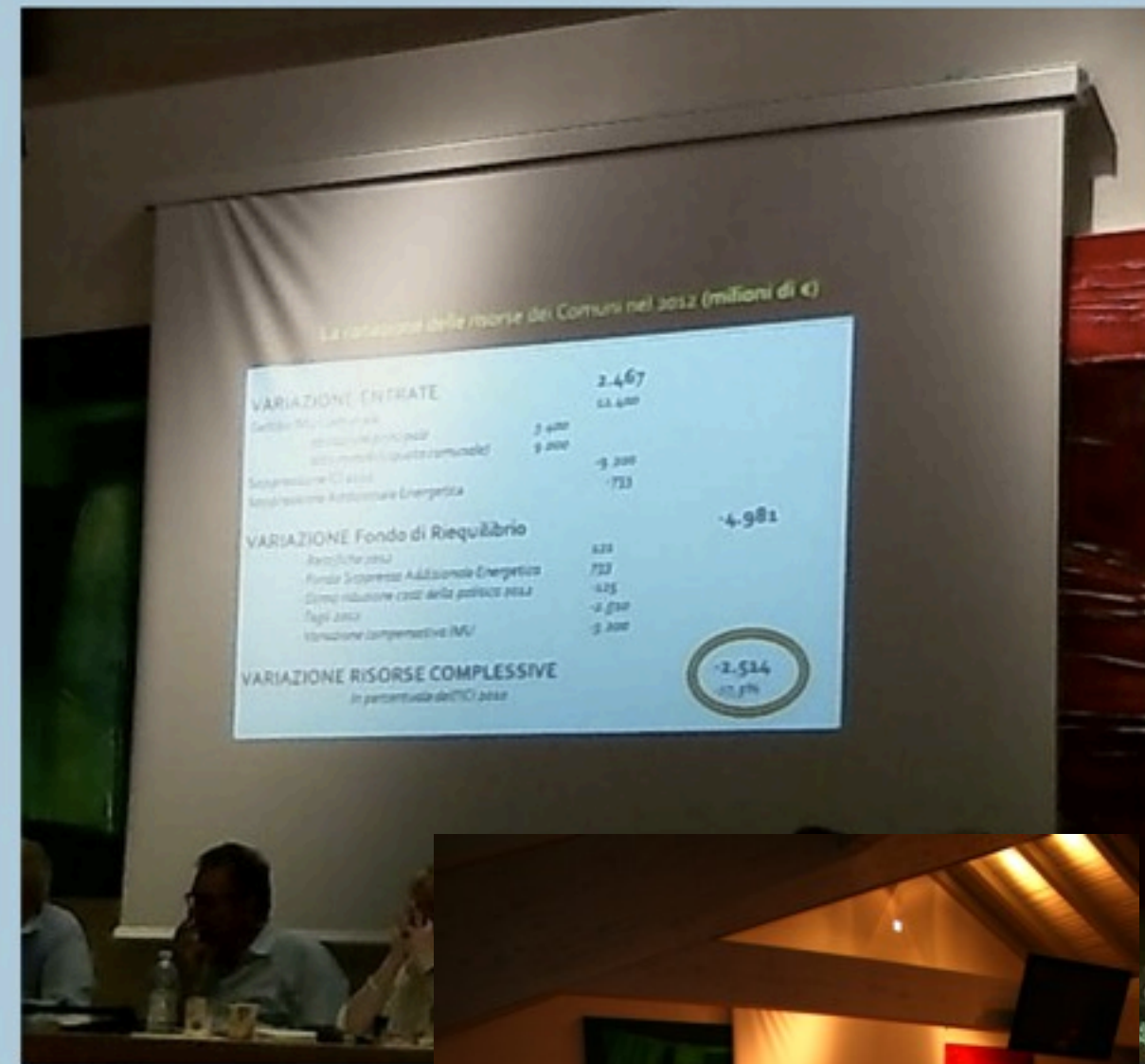
0:13:56.165



Open the **image 00009** in a new window.  
[Scroll image gallery](#)







## City Council in Sala Baganza (26th April, 30th May, 2012)

### Trasparenza e PA: sperimentazione registrazioni Consiglio Comunale Sala Baganza

Home > Cons > Co-Lab > Trasparenza Comune Sala Baganza

#### Attività settimanale

##### Avvisi e notizie

2 maggio - 8 maggio

Registrazione Consiglio 26.04.2012 - Parte 1  
Appello, presentazione della sperimentazione, inizio del Consiglio

- Registrazione Consiglio 26.04.2012 - Parte 2
- Registrazione Consiglio 26.04.2012 - Parte 3
- Registrazione Consiglio 26.04.2012 - Parte 4
- Registrazione Consiglio 26.04.2012 - Parte 5
- Registrazione Consiglio 26.04.2012 - Parte 6
- Registrazione Consiglio 26.04.2012 - Parte 7

6 maggio - 14 maggio

Sar collegato come **Sara Vella** (Esci)

Attiva modifica

#### Co-Lab

UnPR CO-Lab  
su portale unpr.it



FACEBOOK:  
www.facebook.com/unpr.colab

TWITTER: twitter.com/COlab\_UNPR  
@COlab\_UNPR, @labunpr

<http://bit.ly/MkrGp4>

25



but also...

- DILL International Digital Libraries Learning Master lectures
- Open Conferences about Information Science
- Seminars about Digital Humanities (Digital Publishing course, extra curricula)
- AIB courses for librarians

➡ <http://bit.ly/M9Wd9J>





# REQUESTS? LET'S ASK THEM

video  
channels  
upload

start and end  
cutting

interactivity?  
(note taking,  
chapters)

Multiplatform?  
(Windows?  
Mac?)

audio  
check

view on mobile  
devices?





# CONCLUSION

## Will we keep on using it? why?

- **COST**

**ASK STUDENTS...**

- **INVOLVEMENT:**

- ➡ opportunity to give feedback

- ➡ UniPR Co-Lab: engineering student thesis?

- ➡ as educational method to gain practice and competences

- ➡ New Perspectives in students/teachers relationship besides the exams

- **CHALLENGING:**

**future opportunities for research  
and improvement**



# Thanks for Yr. attention!

## Questions?

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