



Networked Learning on the UPV

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UPV-Learning technologies

poli [Media]

poli [Tube]



poli [formaT]

2006/08

- PoliformaT
- Learning Objects
- Polimedia

2008/10

- LO Repository
- Politube
- OCW
- Synchronou s Learning

2010/11

- iTunesU, Youtube
- Opencast Matterhorn
- Polimedia HD



2012/13

- MOOCs
- UPV[x]
- MiriadaX

UPV [X]

miriada



2013/14

- MOOCs
- edX
- Automated transcription



transLectures
Transcription and Translation of Video Lectures



“Networked Learning” strategic program

2007-2014 UPV Strategic Plan

1. OpenCast
2. MOOCs
3. Other initiatives

OpenCast

A bird's eye view:

- ▶ 50 Matterhorn lecture halls
- ▶ Recording courses, seminars, conferences, tests, etc.
- ▶ Quite a big number of recordings
- ▶ Opt-in policy
- ▶ Students Access the recordings through the LMS (Sakai)

OpenCast

Released Paella Player 3

- ▶ HTML5 player for Matterhorn
- ▶ Dual stream play
- ▶ Ability to manage Media Packages



<http://paellaplayer.upv.es/>

New Features

- ▶ Compatible with iOS (iPad) and Android 4.X
- ▶ Skinnable
- ▶ Multiple quality video support
- ▶ Integration with non-Matterhorn servers
- ▶ ARIA tags (thanks to UCB)
- ▶ Tooltips (thanks to UCB)
- ▶ Downloading of video files
- ▶ Login/Logout button
- ▶ Video Export
- ▶ Comments

Plans for the new version

- ▶ OpenEdX integration
- ▶ Look more closely to mobile de
- ▶ Multiple captions support (within the transLectures Project)
- ▶ Interactivity through small questions on the video through the paella.MessageBox API (with UC3M – Spain).
- ▶ Work on the video export feature

Students Access to Matterhorn recordings

- ▶ Access to MH recordings at UPV is restricted to the students of each course
- ▶ Access control is done through CAS
- ▶ We have a log of which students have accessed the content (and when)

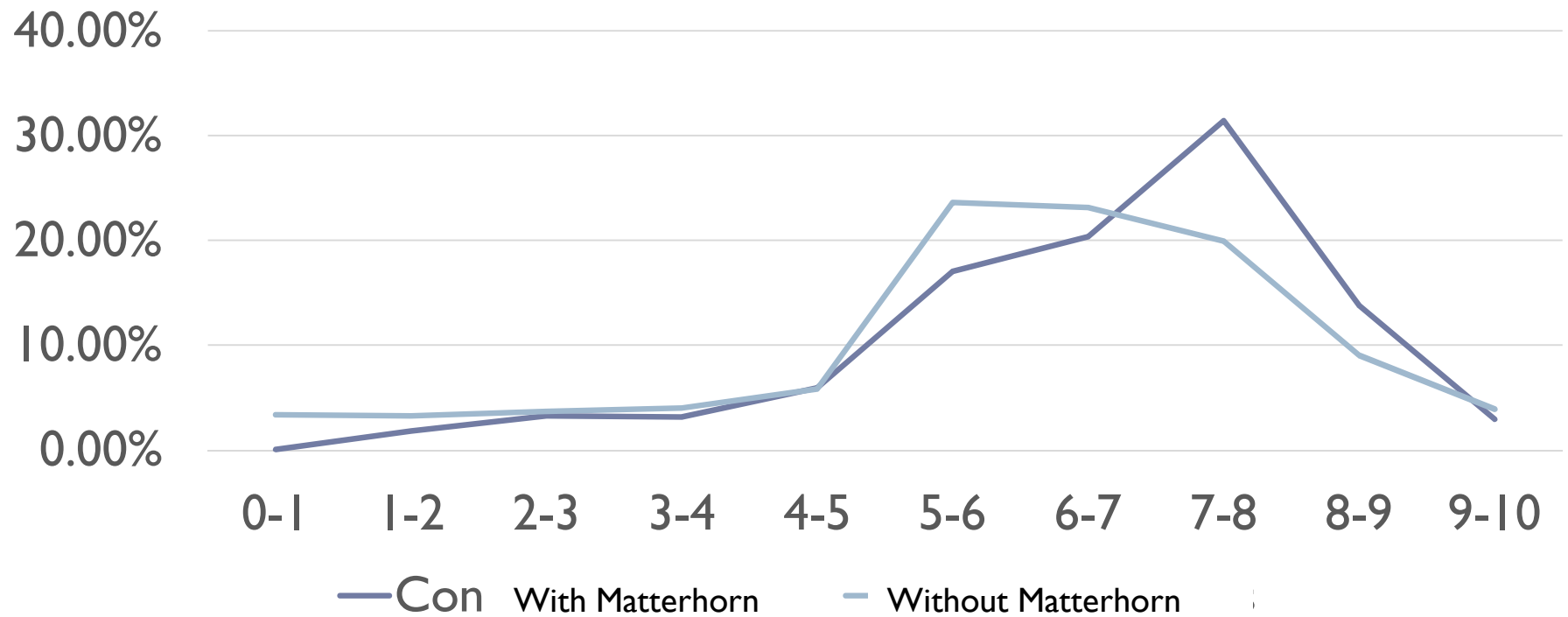
The 10 courses with more recordings @UPV

Course	Matterhorn students	Non-Matterhorn students	Percentage
1	433	89	82,95%
2	324	78	80,60%
3	308	88	77,78%
4	298	78	79,26%
5	264	1	99,62%
6	179	472	27,50%
7	106	2	98,15%
8	47	0	100,00%
9	38	30	55,88%
10	37	134	21,64%
Total	2034	972	67,66%

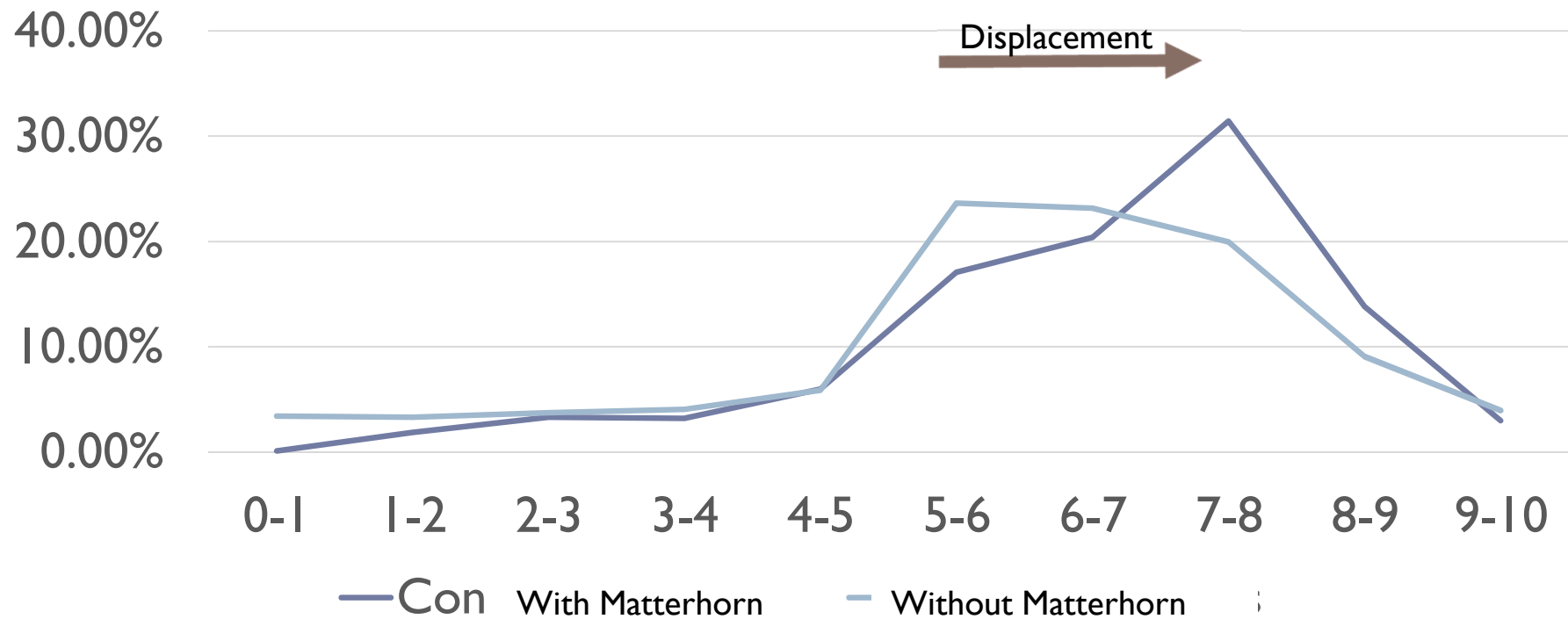
Marks per course (from 0 to 10)

Course	Matterhorn students	Non-Matterhorn students	Percentage
1	5,82	5,76	1,09%
2	6,5	6,46	0,63%
3	6,28	6,36	-1,25%
4	7,38	7,2	2,38%
5	6,46	8,1	-25,39%
6	5,78	5,37	7,15%
7	7,13	5,5	22,83%
8	6,62	-	-
9	7,66	7,78	-1,57%
10	6,5	5,92	9,02%
Total	6,44	5,8	9,91%

Marks (from 0 to 10)



Marks (between 0 and 10)



Preliminary Conclusion

1. There is a (slight) effect in marks due to lecture recording





Listado de cursos (haz click sobre la foto o el nombre del curso para inscribirte)



Buscar en Internet

7 semanas
18/02/14



Valoración de Futbolistas

3 semanas
18/02/14



Tecnologías Educativas

11 semanas
18/02/14



Der. civil foral valenciano

6 semanas
18/02/14



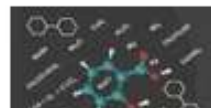
Bases matemáticas

4 semanas
18/02/14



Mecánica para ingeniería

6 semanas
18/02/14



Introducción a la química

12 semanas
18/02/14



Comunicaciones ópticas

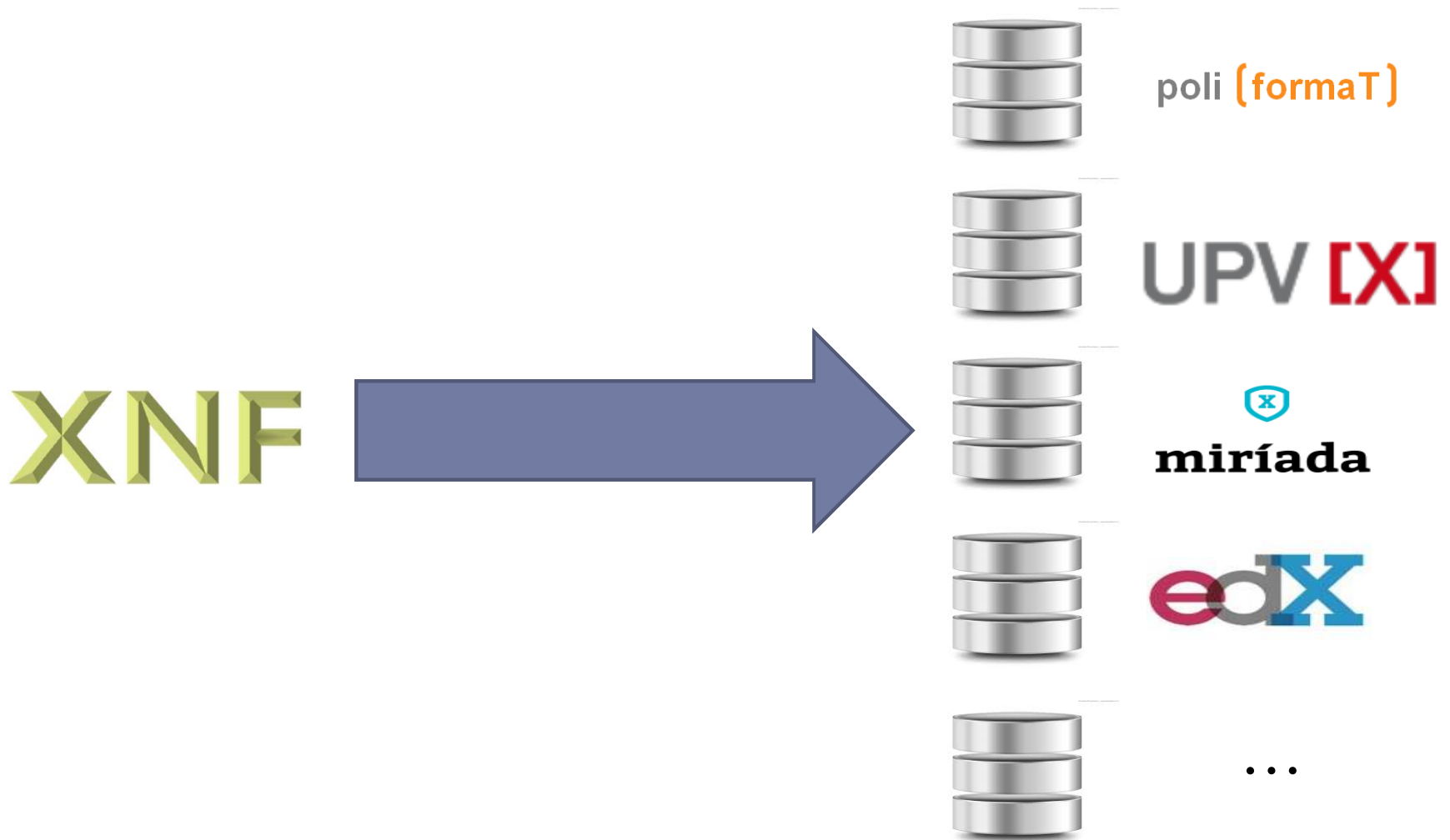
7 semanas
18/02/14



MOOCs at UPV

- ▶ Developing courses
- ▶ Publishing
- ▶ Testing platforms
- ▶ Analyzing results

Producing content: Doing it in a neutral (“standard”) format



It is best to create the content in a neutral format for deploying on different platforms

Courses launched

Edition	Nb. courses	Enrolled	Certified	Platform
1	2	1.171	160	GCB
2	14	76.459	11.805	MiriadaX
3	8	5.971	667	GCB
4	10	4.119	427	GCB
Totals		87.720	13.059	
5	17	>48.000		GCB+OpenEdX

Overall Satisfaction

	Yes		No
Do you like this way of learning?	96,9%		3,10%
	A lot	Yes	Not much
Do you feel you have learnt?	25,1%	52,9%	21,55%
Do you like the videos?	23,9%	63,6%	12,5%
Video scheduling (OK/Slow/Fast)	84,2%	2,4%	13,4%
Video length (OK/Short/Long)	89,4%	5%	5,6%
Assesments (OK/Easy/Difficult)	80,2%	16,5%	3,3%
Doubt answering (OK/slow/Not enough)	69,5%	22,6%	7,9%
Difficulty (OK/Easy/Hard)	90,9%	8,2%	0,9%

And now...

- ▶ We are preparing a new edition for June 2014
- ▶ Developing 8 new courses
- ▶ We are migrating to OpenEdX for our 2014 MOOCs
- ▶ We are connecting UPV MOOCs with other initiatives

EMMA

- ▶ European aggregator for MOOCs
- ▶ Aim to provide multilingual access to European MOOCs
- ▶ UPV provides translation technology and courses



<http://europeanmoocs.eu/>

Other initiatives

- ▶ Flipped Classroom
- ▶ Networked Teaching week
- ▶ Goals:
 - ▶ Improve classroom teaching using new networked resources.
 - ▶ Provide teachers new methodologies.
 - ▶ Provide students with new content

Conclusions

- ▶ **End of our Strategic Plan 2007-2014**
 - ▶ And then, of our “Networked Learning Program”
- ▶ **Start of evaluation tasks of results**
 - ▶ And then, of our “Networked Learning Program”
- ▶ **Discussing the new one 2015-2020**
 - ▶ And then, proposing new initiatives, “children” of our “Networked Learning Program”

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- ▶ **Discussing the new one 2015-2020**
 - ▶ And then, proposing new initiatives, “children” of our “Networked Learning Program”
- ▶ **Working even on St. Vincent’s day!**





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Thanks!

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