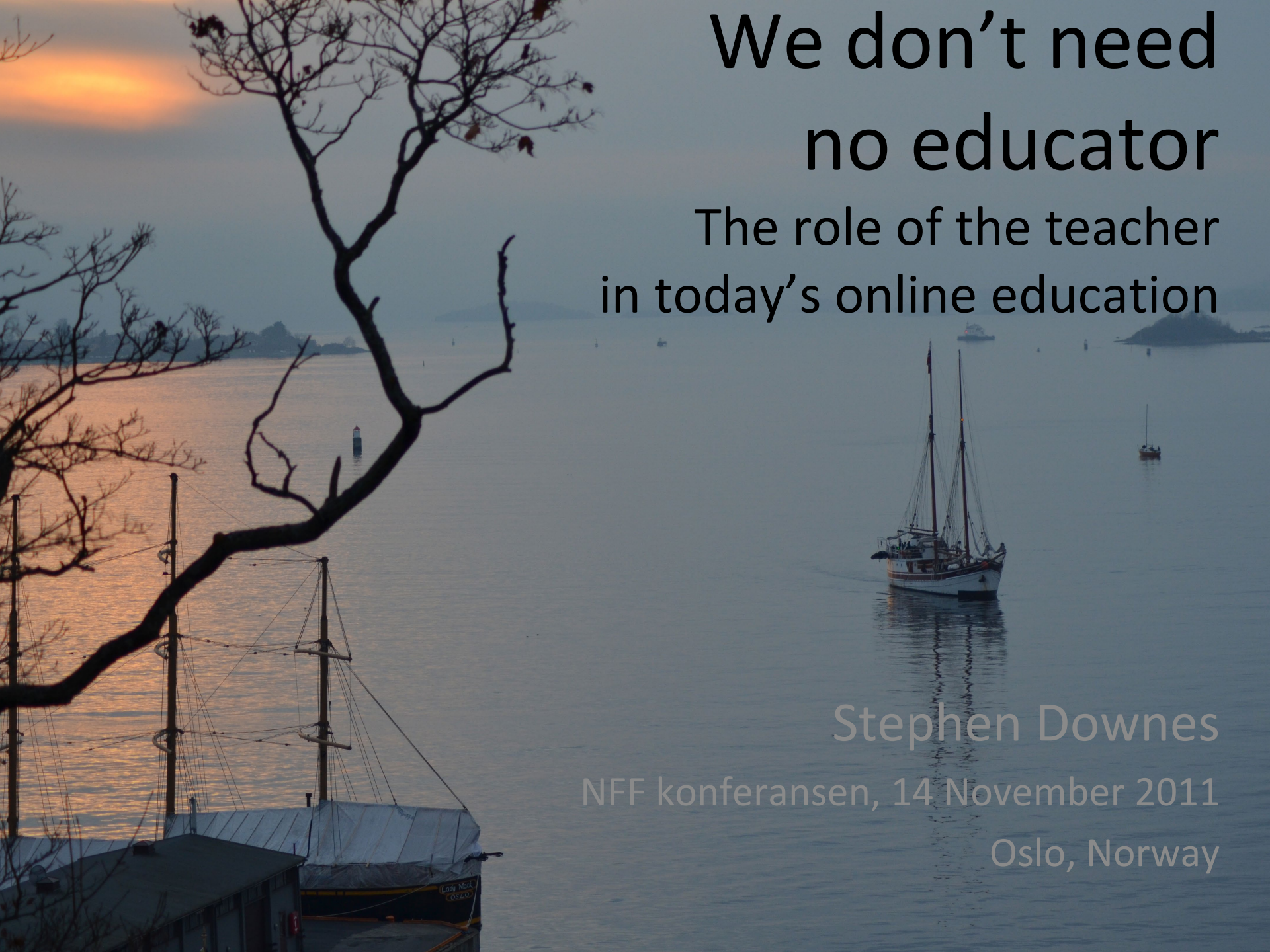


We don't need no educator

The role of the teacher in today's online education

Stephen Downes

NFF konferansen, 14 November 2011

Oslo, Norway

"…the single most important factor affecting student achievement is teachers."
So we're told, anyway…
http://www.epi.org/publication/books_teacher_quality_execsum_intro/

In fact there numerous factors: parental income & educational attainment, social factors & expectations, social equity, genetic predisposition...

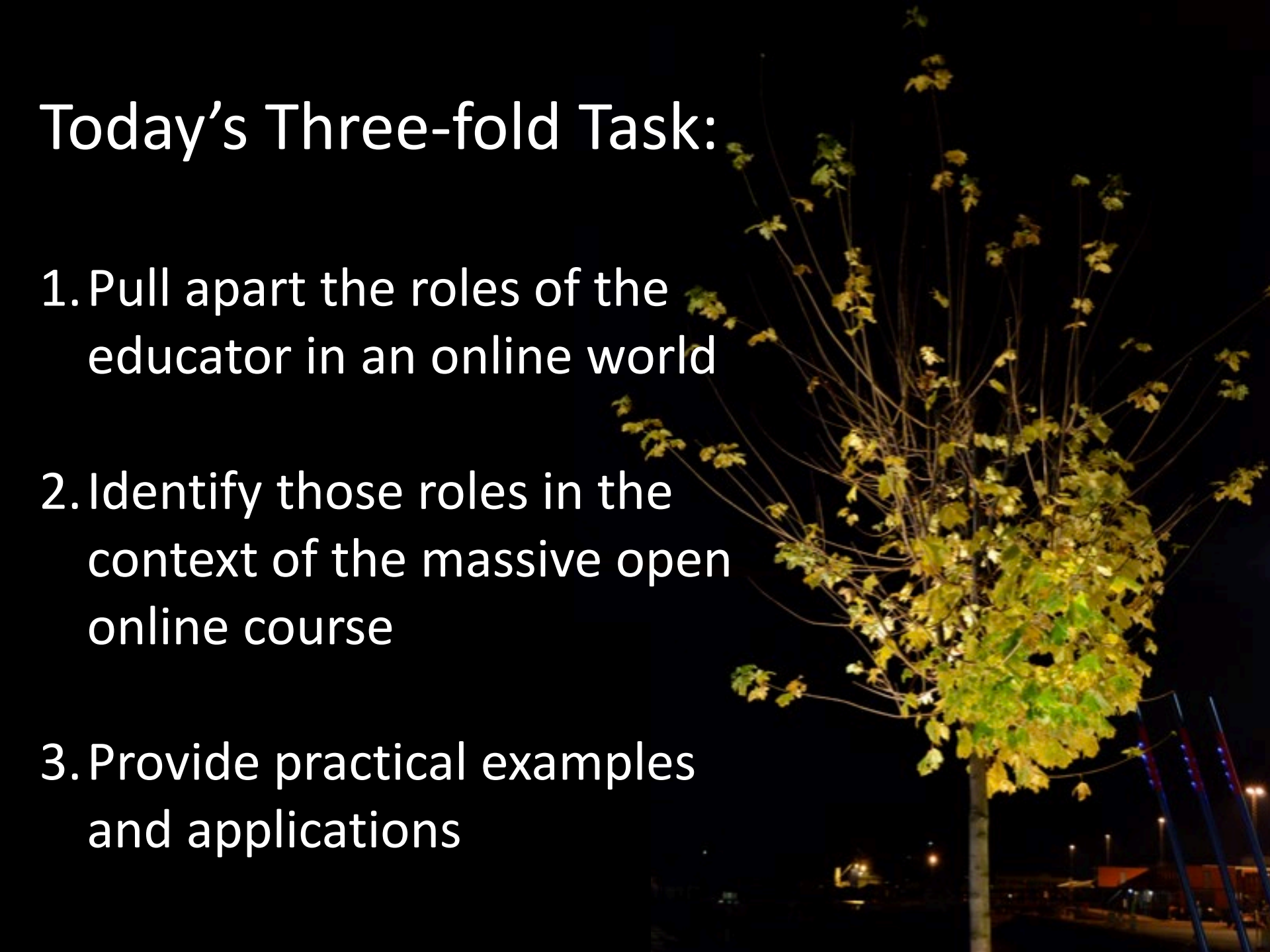
That aside, if we just look at educators, we see dramatic changes in the traditional role of the educator… as though the educator is disappearing

Today's Three-fold Task:

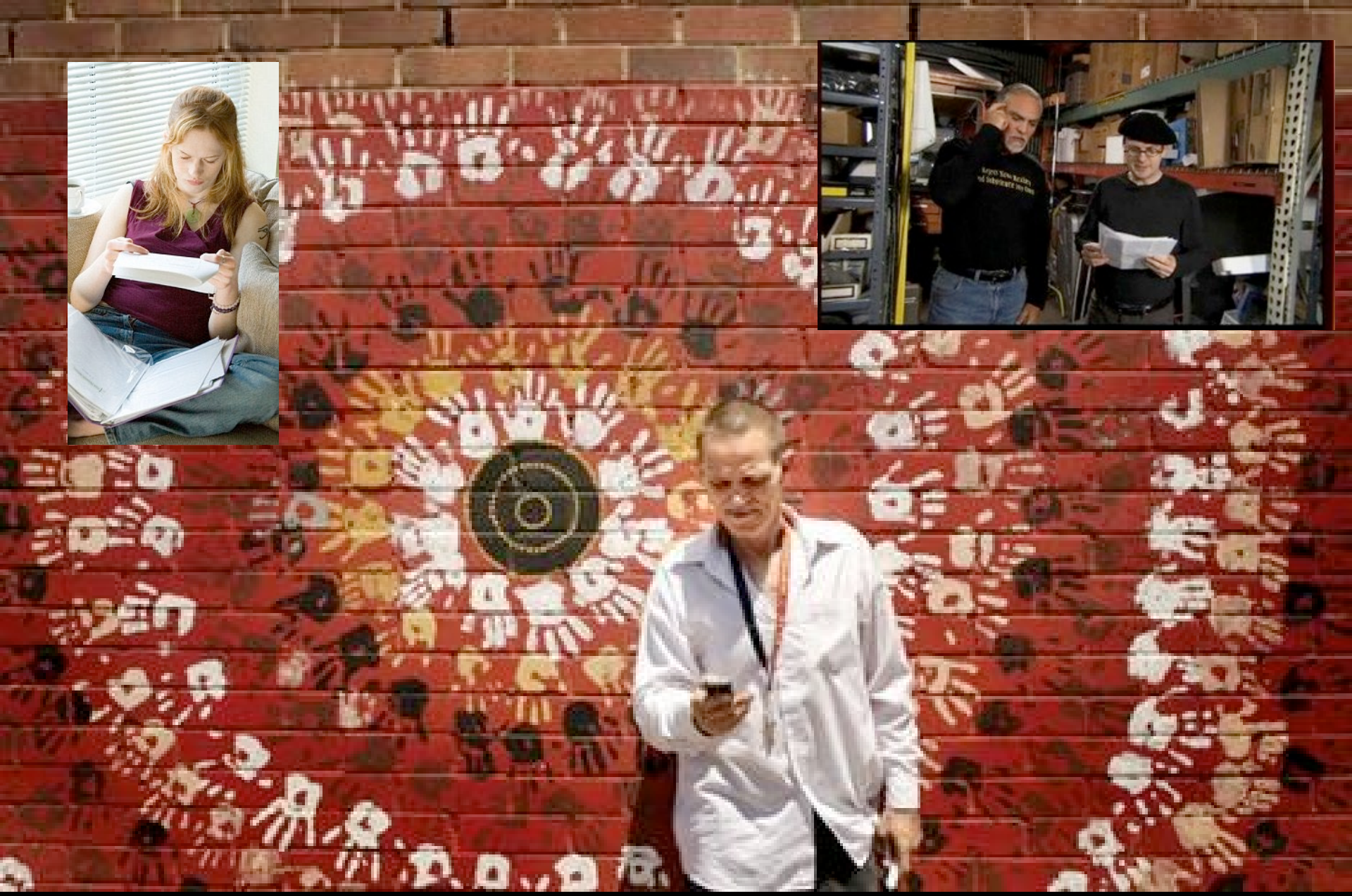
1. Pull apart the roles of the educator in an online world

2. Identify those roles in the context of the massive open online course

3. Provide practical examples and applications



A historical trend…



… will continue today

The context….

(connectivism)

- Educators are no longer ‘the experts’
- Learning is no longer about content transfer
- Teaching takes place in an authentic environment
- Learning consists of engagement, experimentation and communication

http://change.mooc.ca

The Roles….

Teacher as Expert

Teacher as Learner

Teacher as Coach

Teacher as Designer

1

Google Reader

Google reader

SUBSCRIBE

A look at what's new in your Reader

http://reader.google.com

Home

All items

Starred items

Trends

Browse for stuff

Explore

Recommended items

Recommended sources

View all recommendations »

Subscriptions

cyberculture (36)

Britannica Blog (1)

Civilization Fanati... (1)

Lifehacker (5)

Mashable! (16)

CogDogBlog (1)

Botting Twitter

cc licensed (BY NC SD) flickr photo shared by Solo I'm far from the first (or last) person to note this, but twitter is patrolled by some interesting automated bots. The obvious ones are cute- I noticed this a few months back, when I tweeted some ...

See more from edubloggers (306)

xkcd.com (1)

Map Projections

[image: What's that? You think I don't like the Peters map because I'm uncomfortable with having my cultural assumptions challenged? Are you sure you're not ... ::puts on sunglasses:: ... projecting?]

See more from cyberculture (36)

Action-Reaction (1)

A Demonstration of the Ineffectiveness of Traditional

Recently starred

European report on the future of learning from Tony Bates

A Brief, Wondrous Tour of Earth

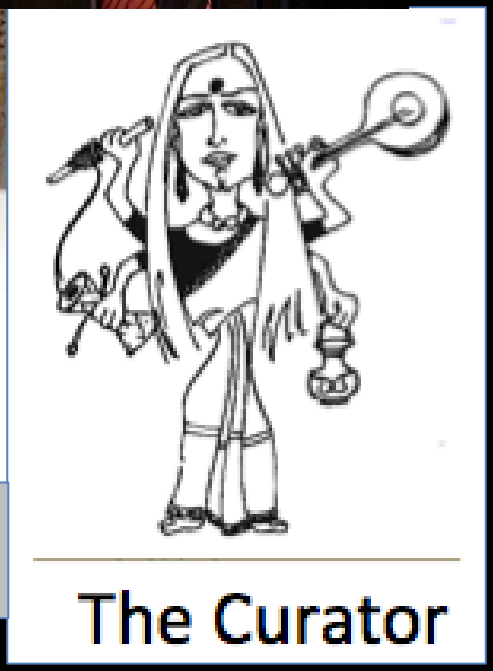
The Collector

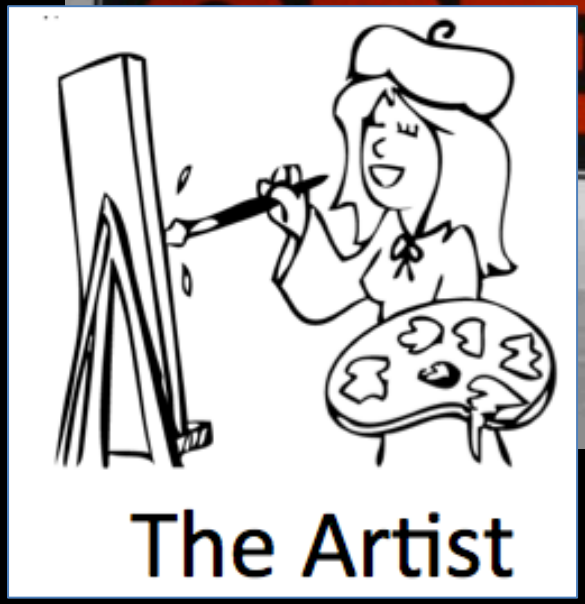
http://www.downes.ca/opml.xml

#hashtag

http://www.tweetdeck.com/

http://learnonline.wordpress.com/2007/09/20/10-minute-lecture-george-siemens-curatorial-teaching/





http://ds106.us/

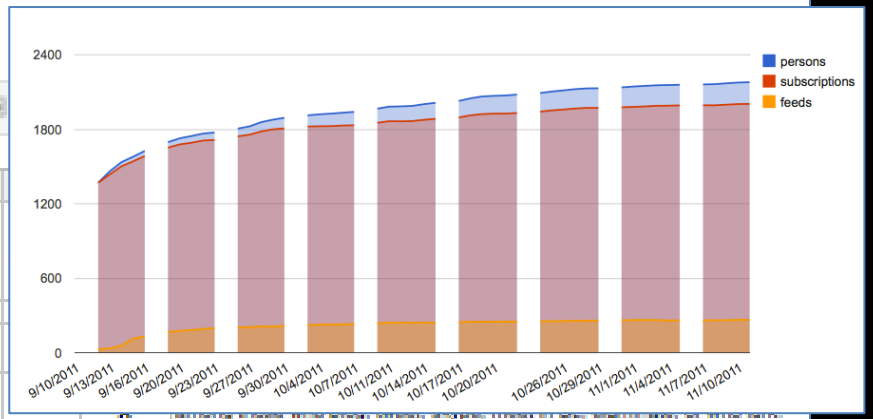
http://change.mooc.ca/newsletter.htm

+Stephen Mail Calendar **Documents** Photos Sites Web More -

MOOC Researchers' Group

File Edit View Insert Format Data Tools Help Last edit was 54 minutes ago

	A	B	C	D	E
1		EMAIL	COUNTRY	Prof/Reseach/Student	Curious
	George Siemens		Edmonton, Alberta, Canada	Research Officer	
	Jane Wilde	wildejk@gmail	Vermont, US	Instructor/PhD student Ualbany	
	Stephen Downes	stephen@dow	Canada	Researcher	
2		Frederika.Kop	New Brunswick,		
3	Rita Kop	cnrc.gc.ca	Canada	Researcher	
	Wayne Mackintosh		New Zealand	Director OER Foundation	
4					
5					
6	Benjamin Stewart		Mexico	researcher	
	Darren Draper		Canyons School District Utah, US	teacher?	
7				teacher/researcher-focused	
8	Eva Dobozy		Western Australia	role	
	Christin Manning		Cambridge, MA, US	PhD student at Lesley University	
	Paulo Simões		Portugual	master student	
9			Zurich Switzerland		
10	Luisa dall Acqua		and Italy	Design Researcher/teacher	
			U. of Prince Edward Island,		
11	Bonnie Stewart		Canada	student	x
12	Nicola [illegible]		UK	[illegible]ch	
13					
14					
	Richard Olsen		Melbourne, Australia	researcher	
15					



Infrastructure support for MOOC

the learning experience in an open networked learning environment and how

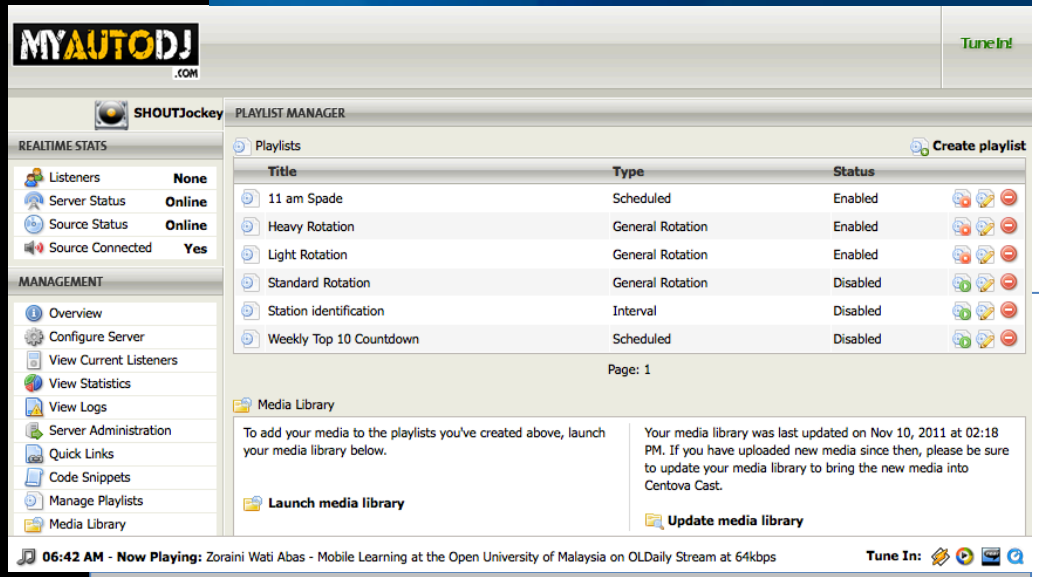
communication between MOOCers (in terms of semantic exchanges and it's

http://bit.ly/sfnEF6

2

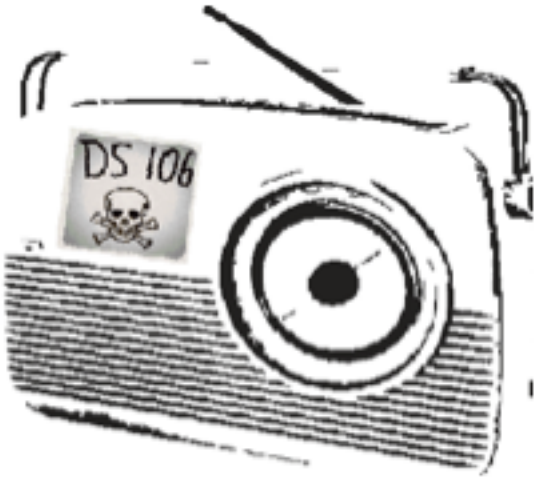
The Designer

http://grsshopper.downes.ca/



http://ds106.us/ds106-radio/

http://www.downes.ca/edradio.htm



Radio ds106 - Reggie Watts - My History Thus Far
add your soundcraft to #ds106 radio
(password: wejamecono)

The Alchemist

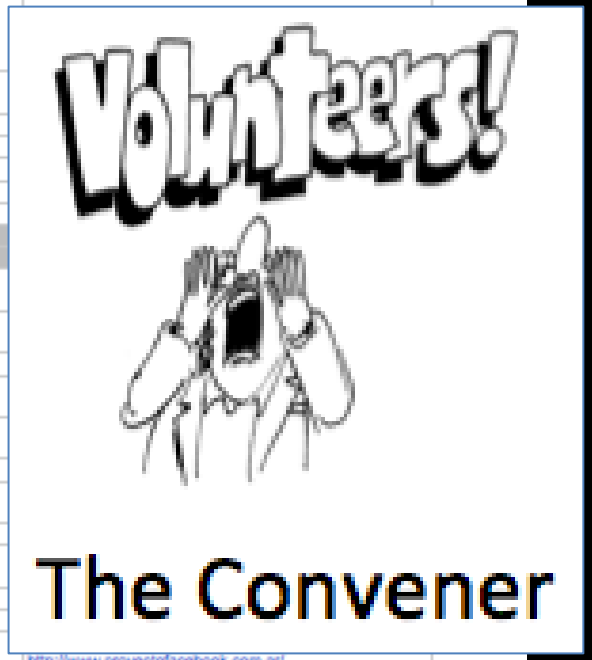
+Stephen Mail Calendar **Documents** Photos Sites Web More -

MOOC Schedule ☆

File Edit View Insert Format Data Tools Help View only

Change MOOC

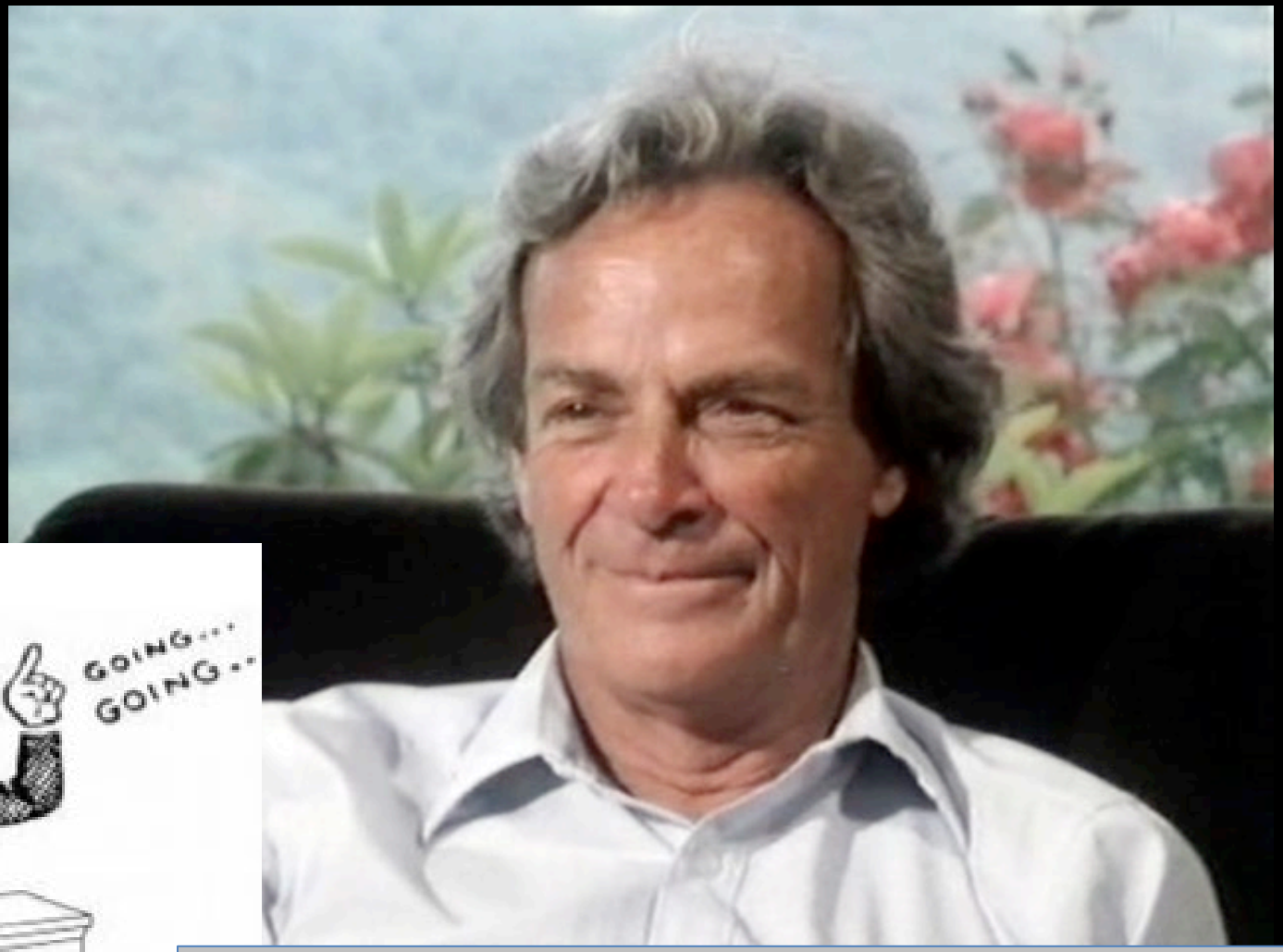
Week #	Date	Facilitator	Topic	University/Organization	Country	Contact Details (website, Twitter ID)	Presentation time
Week 1	Sept 12-18	George, Stephen, Dave	ORIENTATION WEEK				
Week 2	Sept 19-25	Zoraini Wati Abas	Mobile Learning at the Open University of Malaysia	Open University of Malaysia	Malaysia	http://eyeonlearning.blogspot.com/	
Week 3	Sept 26-Oct 2	Martin Weller	Digital Scholarship	Open University, UK	UK	http://nogoodreason.typepad.co.uk/	
Week 4	Oct 3-Oct 9	Allison Littlejohn	Collective learning	Caledonian Academy	Scotland	http://www.academy.gcal.ac.uk/people/littlejohn.html	
Week 5	Oct 10-Oct 16	David Wiley	History and future directions of open education	Brigham Young University	US	http://davidwiley.org/	
Week 6	Oct 17-Oct 23	Tony Bates	Managing technology to transform teaching	Tony Bates Associates	Canada	http://www.tonybates.ca/	
Week 7	Oct 24- Oct 30	Rory McGreal	OER for learning	Athabasca University	Canada	http://unescochair.athabascau.ca/	
Week 8	Oct 31-Nov 6	Nancy White	Triangulating, weaving and connecting our learning	Full Circle Associates	US		
Week 9	Nov 7-Nov 13	Dave Cormier	Rhizomatic Learning - Why do we teach?	University of Prince Edward Island	Canada		
Week 10	Nov 14-Nov20	Erik Duval	Learning in times of abundance	Katholieke Universiteit Leuven	Belgium		
Week 11	Nov 21-Nov 27	Jon Dron	Soft stuff, hard stuff, and invisible elephants	Athabasca University	Canada		
Week 12	Nov 28-Dec 4	Clark Aldrich		Clark Aldrich Designs			
Week 13	Dec 5-Dec 11	Clark Quinn	Slow learning	Quinnovation	USA		
Week 14	Dec 12-Dec 18	Jan Herrington	Authentic learning	Murdoch University	Australia		
Week 15	Dec 19-Dec 25		**BREAK WEEK**				
Week 16	Dec 26-Jan 1		**BREAK WEEK**				
Week 17	Jan 2-Jan 8	Howard Rheingold	[How] can [using] the web [intelligently] make us smarter?	Rheingold Associates	US		
Week 18	Jan 9-Jan 15	Valerie Irvine and Jillianne Code	The 21st Century University	University of Victoria	Canada		
Week 19	Jan 16-Jan 22	Dave Snowden		Cognitive Edge	Singapore		
Week 20	Jan 23-Jan 29	Rich DeMillo	Social Networks, Learning Communities and Web Science	Georgia Tech Center for 21st Century Universities	USA		
		Ashwin Ram & Mike McCracken					
Week 21	Jan 30-Feb 5	Kathleen Matheos		University of Manitoba	Canada		
Week 22	Feb 6-Feb 12	Pierre Levy	The IEML philosophy	University of Ottawa	Canada		
Week 23	Feb 13-Feb 19	Caroline Haythornthwaite		University of British Columbia	Canada		
Week 24	Feb 20-Feb 26	Geetha Narayanan		Srishti School of Art, Design and Technology	India		
Week 25	Feb 27-Mar 4	Stephen Downes	Knowledge, Learning and Community	National Research Council	Canada		
Week 26	Mar 5-Mar 11	Grainne Conole		University of Leicester	UK		
				University of Buenos Aires	Argentina	http://www.proyectofacebook.com.ar/	
			nd Authentic Learning in	University of the Sacred Heart	Puerto Rico		



http://bit.ly/qxkXTX

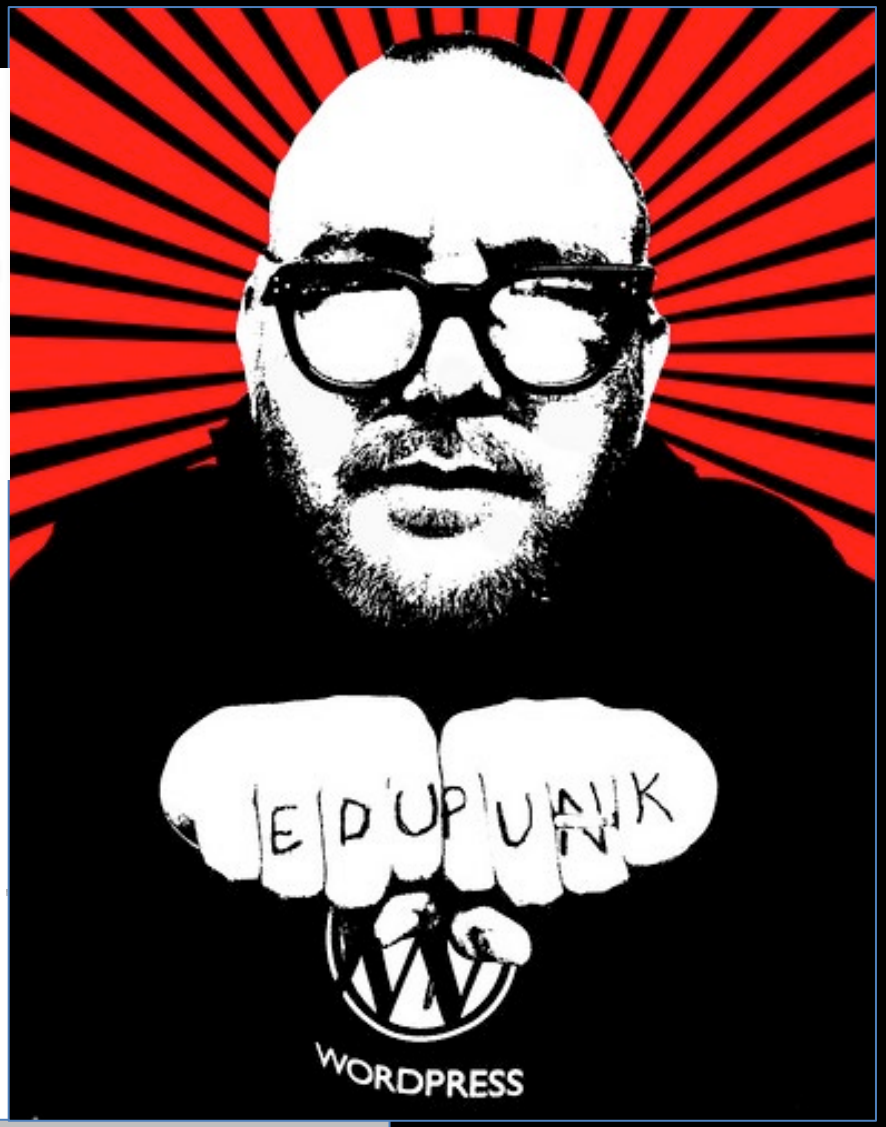
3

The Coach



http://www.feynmanonline.com/

The Agitator



http://www.downes.ca/post/44760

EduMOOC Gradcast - August 17, 2011

" Participants: Vance Stevens, Lisa M Lane, Alison Snieckus, Osvaldo Rodriguez, Rowan Fairgrove, & Jeff Lebow (EduMOOC Gradcast - August 17, 2011 http://t.co /QOWmRxh...)..."

http://www.scoop.it/t/edumooc/

https://plus.google.com/

The Mentor

change.mooc.ca

home about contact

[Admin]

[New] [List] Author
[New] [List] Box
[New] [List] Event
[New] [List] Feed
[New] [List] File
[New] [List] Journal
[New] [List] Link
[New] [List] Mapping
[New] [List] Media
[New] [List] Optlist
[New] [List] Page
[New] [List] Person
[New] [List] Post
[New] [List] Presentation
[New] [List] Project
[New] [List] Publication
[New] [List] Publish
[New] [List] Task
[New] [List] Templa
[New] [List] Thread
[New] [List] Topic
[New] [List] View

YOU ARE LOGGED IN AS **ADMIN** [OPTIONS] [LOGOUT]

General | Harvester | Users | Newsletters | Database | Meetings

General Information

These values control site filenames and directories. Changing them can render gRSShopper inoperable. Exercise caution and do not make changes unless you are sure you know what the result will be.

Site Information

Site Name :	#change11
Site Tag :	#change11
Publisher :	#change11
Creator :	#change11
License :	<a href='http://creativecommons.org/
Time Zone :	

Change11 Sessions - a central list

Today | November 2011 | Print | Week | Month | Agenda

Sun Mon Tue Wed Thu Fri Sat

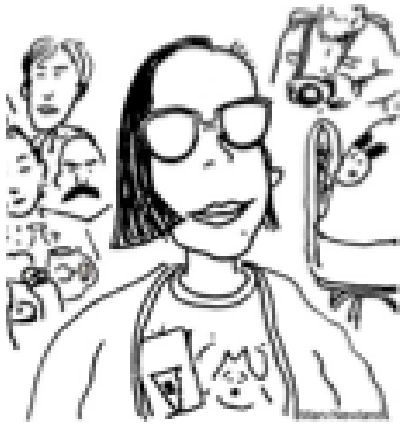
30 31 1 Nov 2 3 4 5
14:00 Nancy White

Erik Duval's Session

When Mon, 14 November, 12:00 – 13:00

more details» copy to my calendar»

10 11 12
13 14 15 16 17 18 19
12:00 Erik Duval's
12:00 Erik duval d
20 21 22 23 24 25 26



The Coordinator

Etienne Wenger on Social Artists

ALL POSTS

Social reporters (and anyone else) as social artists

By David Wilcox - December 14, 2008 - Post a comment

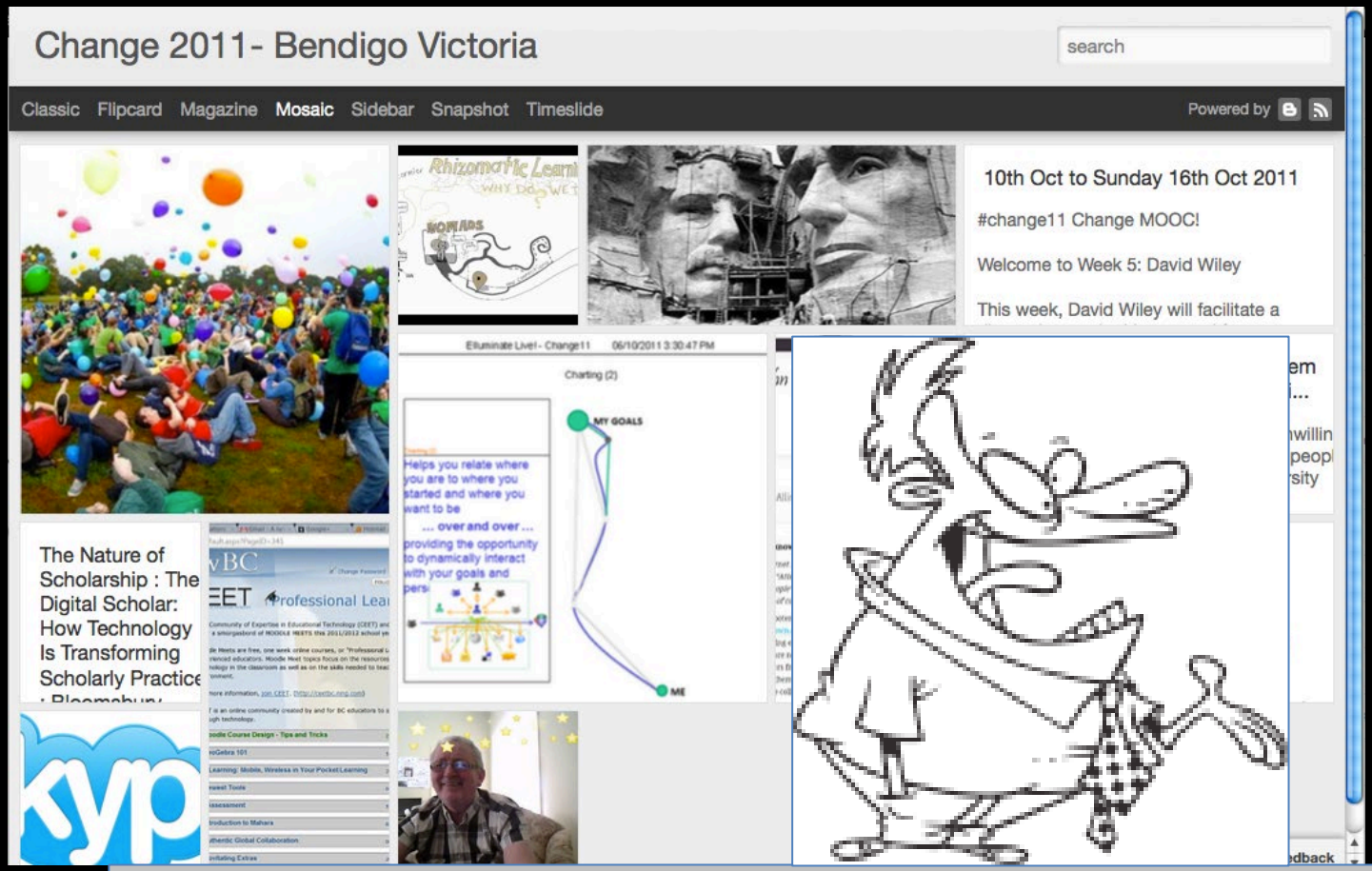
I've come away from the Powering a New Future conference in Lisbon with three interlocking reflections on developing the concept and practice of social reporting - and a new conclusion about what it means to be a social reporter.

My conclusion, inspired by Etienne Wenger - above - is that social reporters can aspire to be "socia spaces where people can work together on social issues. It's something anyone can do, with the social reporters should definitely make it a key part of their work.

If that idea holds up it could be a useful contribution to projects including Open2gether, OpenRSA and maybe RSA Networks. Here's the reflections that led m

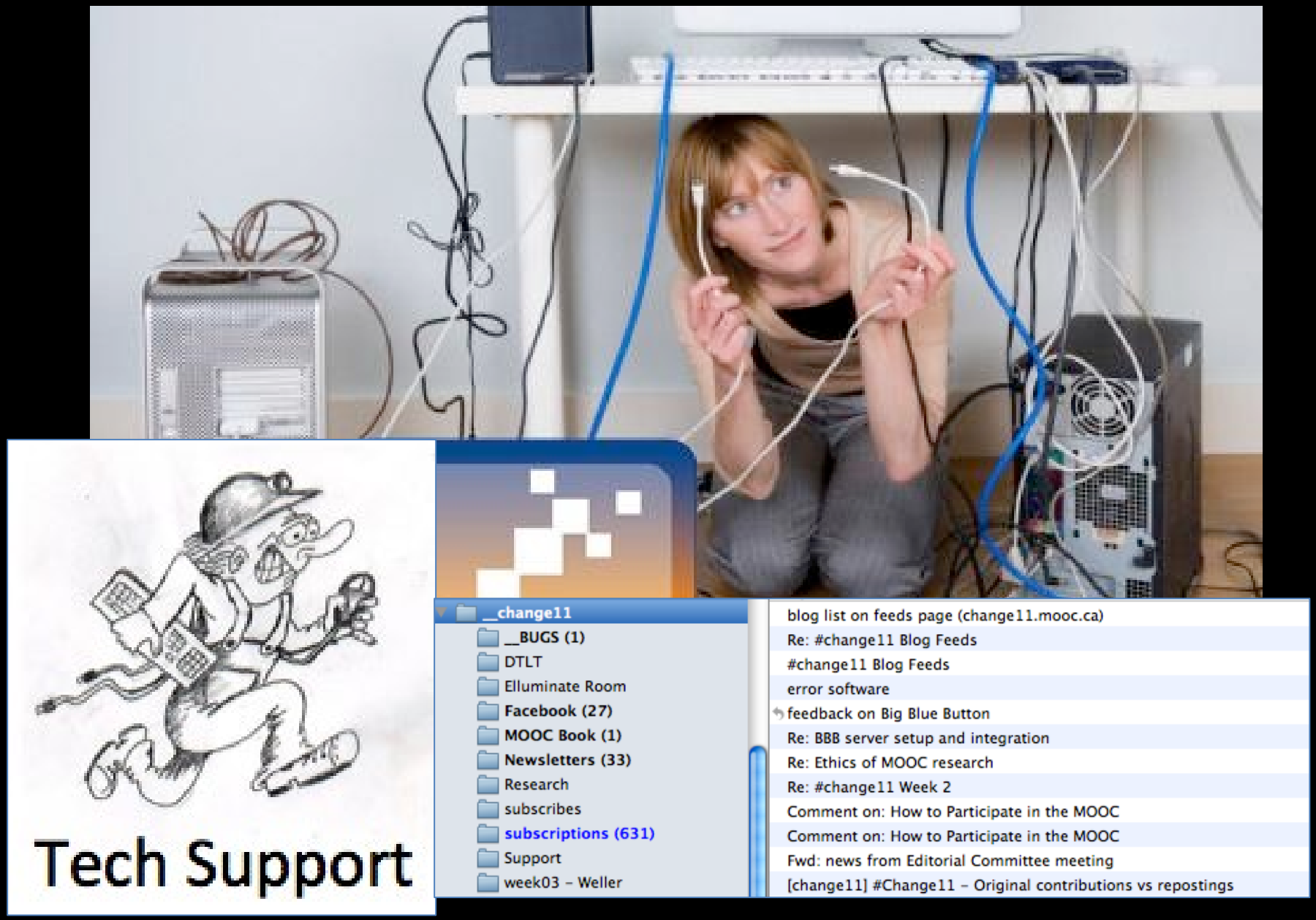
http://www.slideshare.net/choconancy/change11-mooc-session-october-31

http://www.videosurf.com/videos/Etienne+Wenger
http://www.tweetdoc.org/View/2421/BCE-CoP-Mediating-Boundaries
http://stuartsutherland.com/2011/02/etienne-wenger-on-communities-of-practice/



http://change2011inbendigovictoriaaustralia.blogspot.com/

The Conversationalist


Tech Support
__change11
__BUGS (1)
DTLT
Elluminate Room
Facebook (27)
MOOC Book (1)
Newsletters (33)
Research
subscribes
subscriptions (631)
Support
week03 – Weller
blog list on feeds page (change11.mooc.ca)
Re: #change11 Blog Feeds
#change11 Blog Feeds
error software
feedback on Big Blue Button
Re: BBB server setup and integration
Re: Ethics of MOOC research
Re: #change11 Week 2
Comment on: How to Participate in the MOOC
Comment on: How to Participate in the MOOC
Fwd: news from Editorial Committee meeting
[change11] #Change11 – Original contributions vs repostings

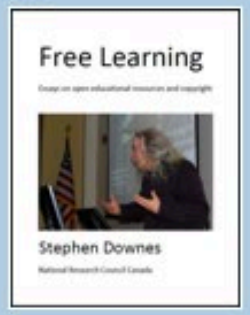
4

stephen's web

stephen downes

intro about newsletter presentations articles archives search contact

My eBooks



You are logged in as **downes** [Options] [Logout]

Presentations

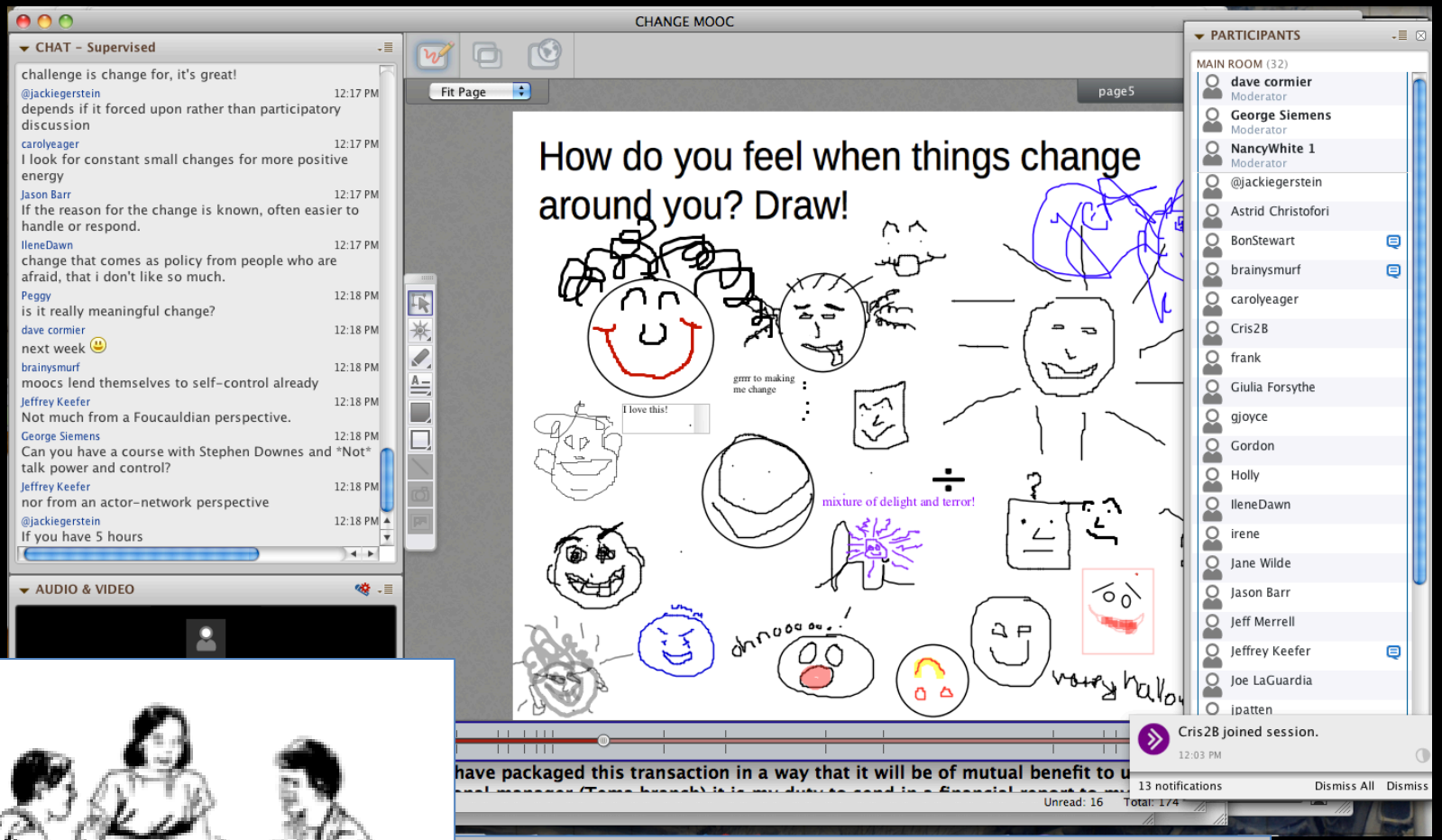
A (more or less)
Currently 277 pr
embedded slides
audio recordings

The Role of Ed
November 9, 20
Education, Alec
(Seminar). In th
educator' discus
course, offering
approach to lear
consequences of
educators, leadi
educator itself w

Social Network
October 29, 201
(Keynote). A slig
on Social Netwo
however, is very

The Lecturer

http://www.downes.ca/me/presentations.htm



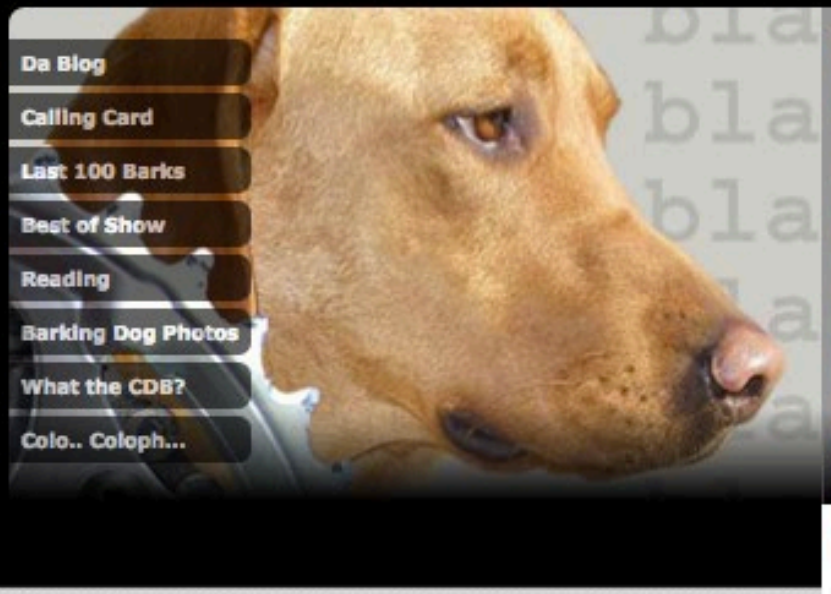
The Moderator

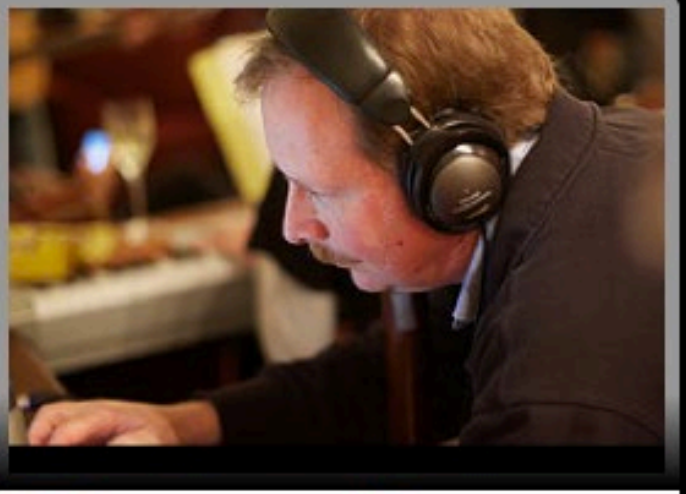
http://change.mooc.ca/recordings.htm

COGDOGBLOG

ALAN LEVINE'S SPACE FOR BARKING ABOUT AND PLAYING WITH TECHNOLOGY

Search this blog

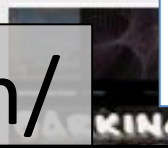




Dog Feed

Dog Tweets

DOG TRACKS



Sep 25 2011

SON OF NICECASTING TUTORIAL: NOW WITH VOICEOVER

Tweet

http://cogdogblog.com/7441

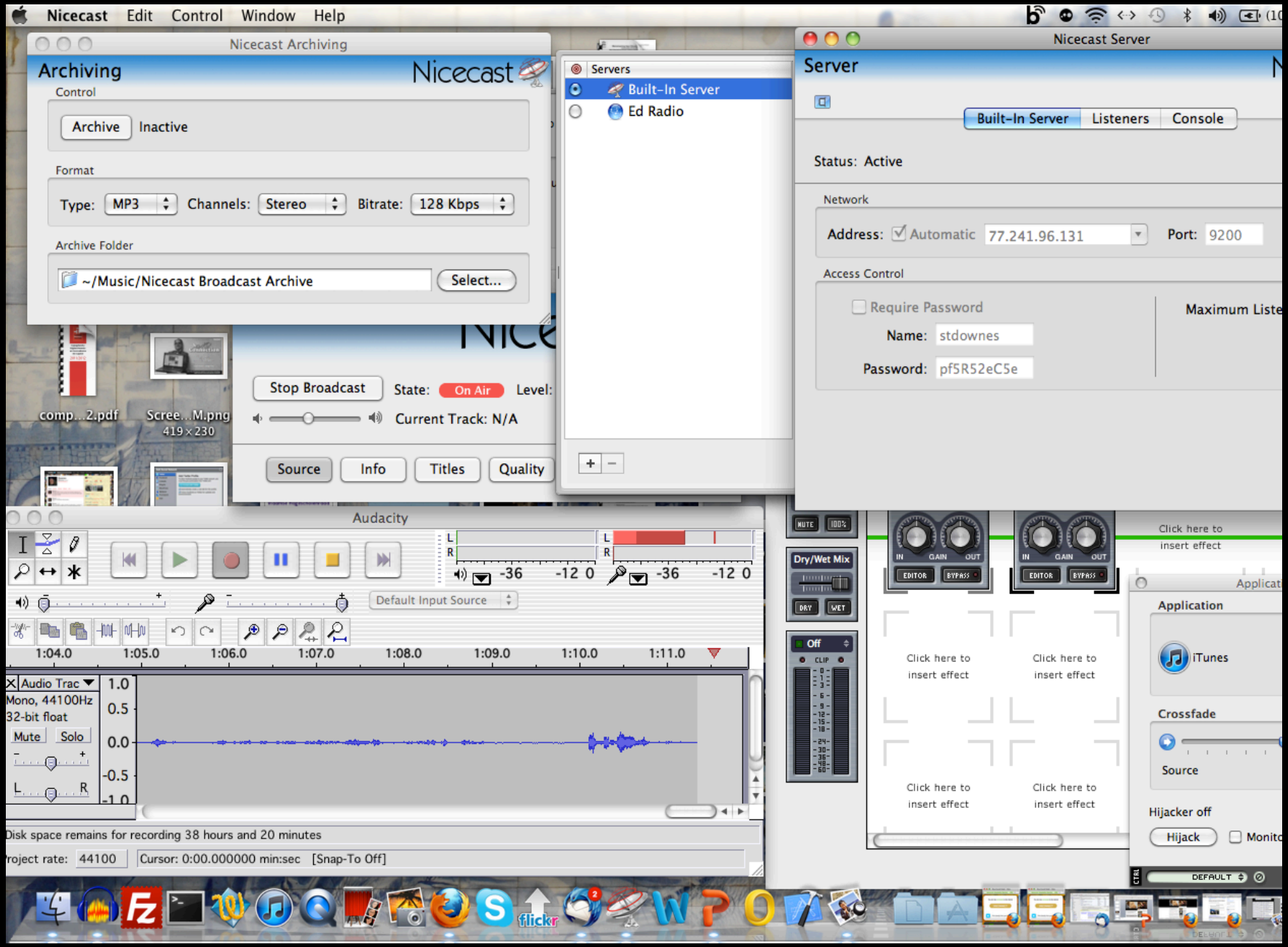
Lots of people seem to have gotten a start on ds106 radio broadcasting using Nicecast on Mac OSX and my first guide to niceasting. Since then, I've been modifying my method a bit, so it seemed time to update.

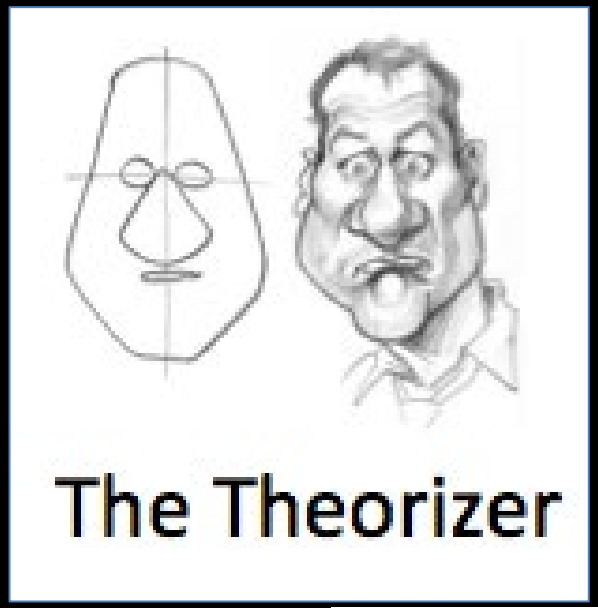
As always, your first point of entry into anything related to ds106 radio is the shared doc at http://bit.ly/radio4life which covers info about the radio, how to listen, and how to broadcast.

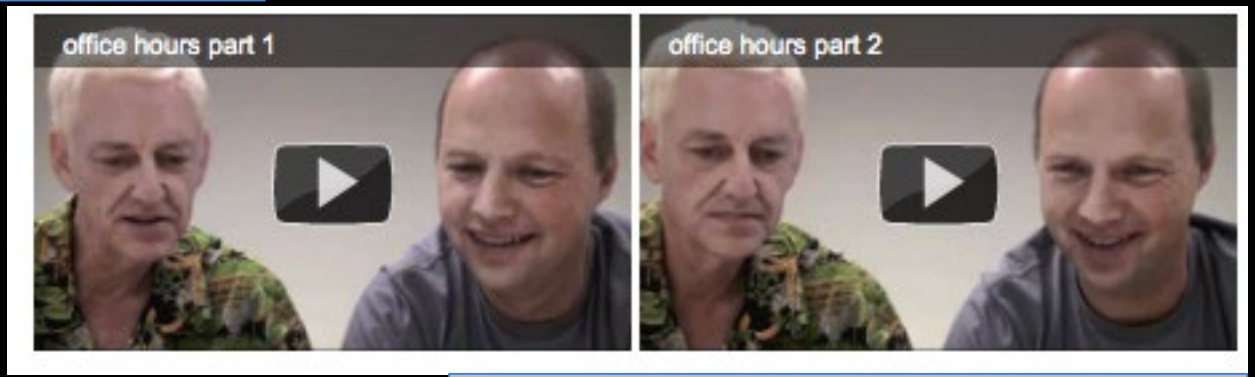
The setup I described the first tome around works well for the scenario of wanting to slide between your voice and audio from an application, e.g.

http://cogdogblog.com/

http://www.livestream.com


Nicecast Edit Control Window Help
Nicecast Archiving
Archiving
Nicecast
Control
Archive
Inactive
Format
Type: MP3
Channels: Stereo
Bitrate: 128 Kbps
Archive Folder
~/Music/Nicecast Broadcast Archive
Select...
Stop Broadcast
State: On Air
Level:
Current Track: N/A
Source
Info
Titles
Quality
Servers
Built-In Server
Ed Radio
Nicecast Server
Server
Built-In Server
Listeners
Console
Status: Active
Network
Address: Automatic
77.241.96.131
Port: 9200
Access Control
Require Password
Name: stdownes
Password: pf5R52eC5e
Maximum Liste
comp...2.pdf
Scree...M.png
419×230
Audacity
Default Input Source
1:04.0
1:05.0
1:06.0
1:07.0
1:08.0
1:09.0
1:10.0
1:11.0
Audio Trac
Mono, 44100Hz
32-bit float
Mute
Solo
Disk space remains for recording 38 hours and 20 minutes
Project rate: 44100
Cursor: 0:00.000000 min:sec
[Snap-To Off]
Dry/Wet Mix
Off
Click here to insert effect
Application
iTunes
Crossfade
Source
Hijacker off
Hijack
DEFAULT





http://fm.schmoller.net/

INTRODUCTION TO

Artificial Intelligence

In partnership with

STANFORD ENGINEERING

UNIT 1

KEY APPLICATIONS OF AI

INTELLIGENT AGENT

4 KEY ATTRIBUTES

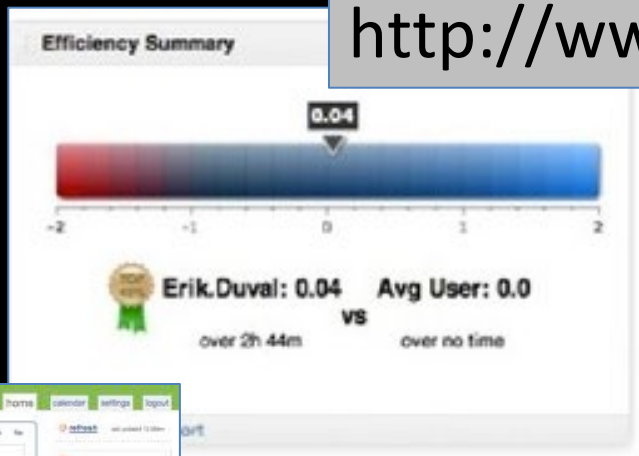
SOURCES OF UNCERTAINTY

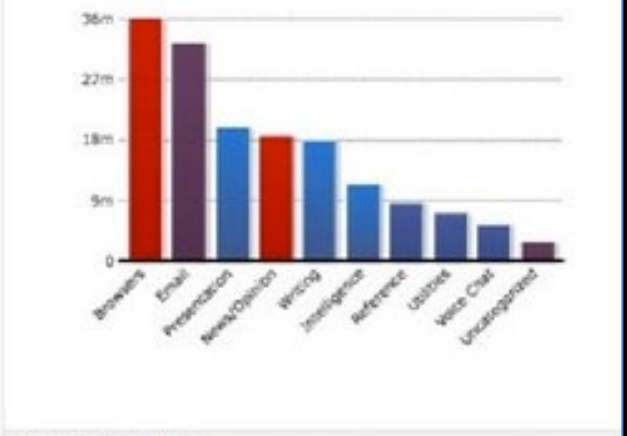
RATIONALITY

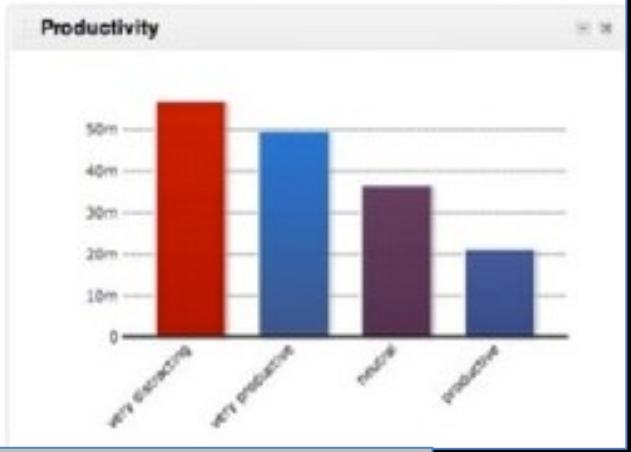
https://www.ai-class.com/

The Evaluator

http://www.learninganalytics.net/







The Bureaucrat

http://erikduval.wordpress.com/2011/11/08/the-speed-of-tech-owd11/

http://www.downes.ca