

The digital challenge

Alastair Creelman

Linnaeus University, Sweden

alastair.creelman@lnu.se

Twitter: @alacre



Where I started

Where I am now



Blogs on IT and learning

[Corridor of Uncertainty](#) (English)

[Flexspan](#) (Swedish)



Digitalisation in focus

EUA conference 2016

The screenshot shows the website for the EUA 2016 Annual Conference. The header features the EUA logo and the tagline "The Voice of European Universities". Navigation links include "ABOUT", "POLICY & REPRESENTATION", and "ACTIVITIES & SERVICES". There are also icons for a microphone, a user profile, and a search function. The breadcrumb trail reads "Home / Activities & Services / Events / Event". On the right, there are "Share" and "Print" buttons. Below the breadcrumb, there are three buttons: "Event" with a calendar icon, "UPCOMING EVENTS" with a hamburger menu icon, and "PAST EVENTS" with a hamburger menu icon. The main content area features a photograph of a courtyard with stone arches. To the right of the photo, the text reads "EUA 2016 Annual Conference" and "Bricks and clicks for Europe: building a successful digital campus". Below this, a paragraph describes the conference's focus on "bricks and clicks" strategies. The EUA logo is repeated on the right side of the content area. At the bottom right of the content area, the dates "7 - 8 April 2016" are displayed. The footer contains a navigation menu with links for "Home", "About", "Welcome", "Programme", "Registration/Contact", "Practical information", "Accommodation", and "Presentations".

EUA
European University Association

The Voice of European Universities

ABOUT POLICY & REPRESENTATION ACTIVITIES & SERVICES

Home / Activities & Services / Events / Event

Share Print

Event

UPCOMING EVENTS

PAST EVENTS

EUA 2016 Annual Conference

Bricks and clicks for Europe: building a successful digital campus

The EUA 2016 Annual Conference will explore how Europe's universities are developing comprehensive "bricks and clicks" strategies and how they are tackling the challenges involved in becoming more interactive and interconnected.

EUA
European University Association

Hosted by the National University of Ireland, Galway, Ireland

7 - 8 April 2016

Home About Welcome Programme Registration/Contact Practical information Accommodation Presentations

New learners
New demands

Flexibility and
personalisation

Focus on skills and
relevance

New study forms
and skills

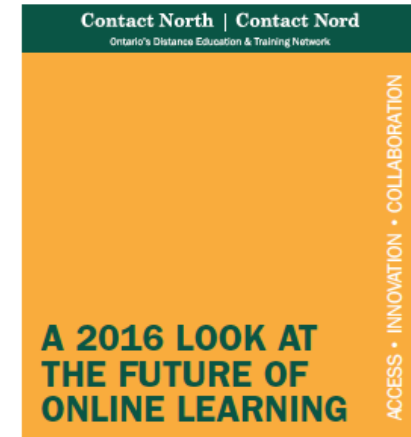
New ecosystem for
credentials

New types of
quality assurance



Future of online learning

Contact North, Canada
2016



**Part 1 - ADVANCING TECHNOLOGY
AND ONLINE LEARNING – AN IDEAL
MATCH FOR THE FUTURE**

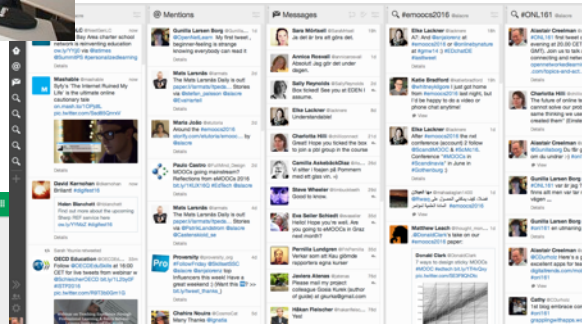
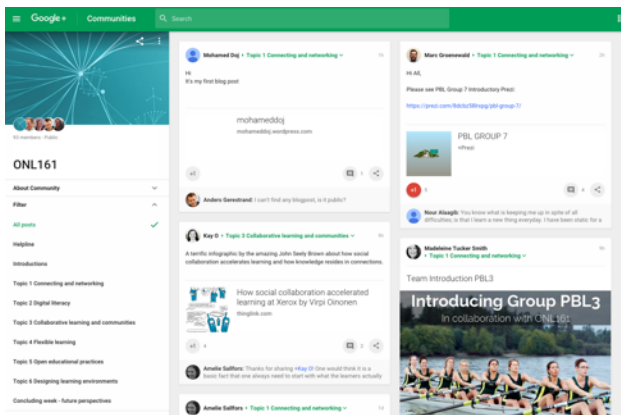
**Part 2 – TRANSFORMATIONS
IN STUDENTS, PROGRAMS, TEACHING
AND LEARNING, AND POLICY
AND GOVERNMENT**

January 2018
contactnorth.ca

Arenas for learning



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What mix of traditional and digital arenas and tools foster effective learning?





Extend the discussion

Design for learning

- Pre-course information
- Structure and clarity
- Use of learning spaces
 - level of interaction and collaboration
 - flexibility and variation in online environment
- Being seen
- Support

([Creelman & Reneland-Forsman](#), 2012)

From teacher-centred to learner-centred

Are we ready?

Change attitudes
and pedagogy
before changing
learning spaces



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Openness

A person stands on a large, dark rock peak, arms outstretched, silhouetted against a dramatic sunset sky with orange and blue clouds. The background shows a valley with rolling hills and distant mountains.

Open source

Open data

Open access

Open innovation

Open educational
resources

Reinventing the wheel



Open educational resources(OER)



- Free-to-use online educational material
- Video, image, audio, text
- Clear conditions for copying and reuse (Creative Commons)



United Nations
Educational, Scientific and
Cultural Organization

UNESCO Paris OER Declaration 2012



Communication and Information

UNESCO » Communication and Information » Resources » News and In Focus articles

News and In Focus articles

News articles

In Focus articles

News by email

26.06.2012 - UNESCO

UNESCO World OER Congress releases 2012 Paris OER Declaration



On Friday 22 June, the World Open Educational Resources (OER) Congress released the 2012 Paris OER Declaration which calls on Governments to openly license publicly funded educational materials.

Prof. Anant Agarwal, President of the Harvard-MIT online learning system edX - CC BY

OERs are teaching, learning or research materials that are in the public domain or released with an open license that allows for free use, adaptation, and distribution. UNESCO has long been a champion of OERs and continues to promote them through its Education, and Communication and Information Sectors.

"Based on the Paris OER Declaration, a comprehensive UNESCO OER Programme and strong global partnerships, we hope that at least 12 Member States will adopt national OER policies by 2015," said Abel Caine, Congress organizer and UNESCO Programme Specialist for OER.

The Congress featured presentations from key supporters of OERs worldwide. Anant Agarwal, President of the Harvard-MIT online learning system edX, announced his organization's goal of teaching one billion students through free and openly licensed versions of Harvard and MIT classes.

Asha Kanwar, president and CEO of the Commonwealth of Learning based in

RELATED INFORMATION

PAGES

- » Open educational resources
- » World Open Educational Resources Congress
- » World Open Educational Resources Congress in photos

CONTACTS

- » Abel Caine
33-1 45 88 42 37 Programme Specialist

NEWS

- 29.06.12
Science Education and Open Education Resources
- 21.06.12
UNESCO 2012 World Open Education Resources Congress opens with key supporters
- 21.06.12
UNESCO champions OERs at 2012 World Congress

Files

- » 2012 Paris OER Declaration (79 kB)

 DOC |  PDF



EUROPEAN COMMISSION

PRESS RELEASE

Brussels, 25 September 2013

Commission launches 'Opening up Education' to boost innovation and digital skills in schools and universities

More than 60% of nine year olds in the EU are in schools which are still not digitally equipped. The European Commission today unveils 'Opening up Education', an action plan to tackle this and other digital problems which are hampering schools and universities from delivering high quality education and the digital skills which 90% of jobs will require by 2020. To help kick-off the initiative, the Commission today launches a new website, [Open Education Europa](#), which will allow students, practitioners and educational institutions to share free-to-use open educational resources.



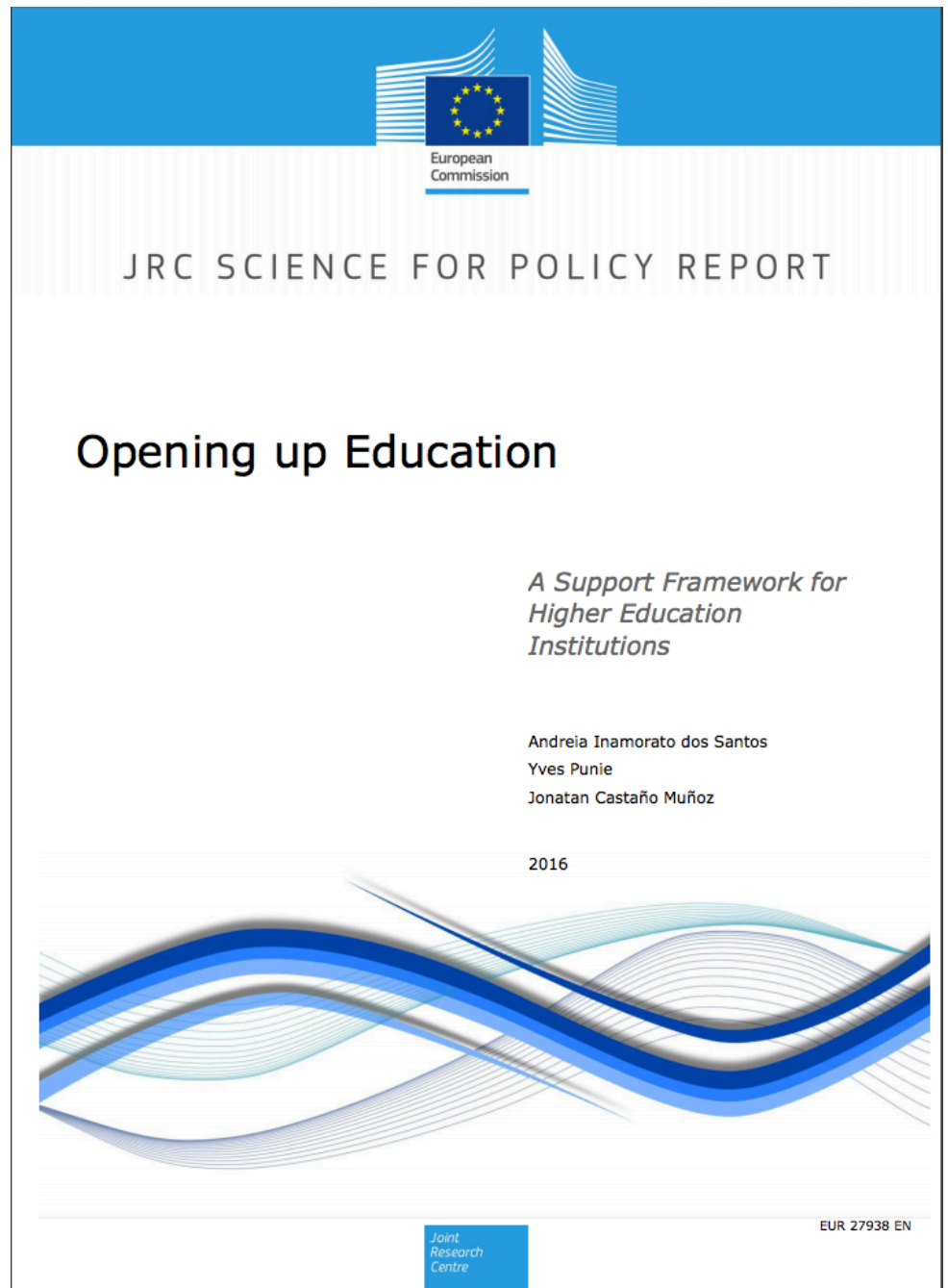
Opening up education

Framework for universities

Inamorato dos Santos, A., Punie, Y., Castaño-Muñoz, J. (2016)

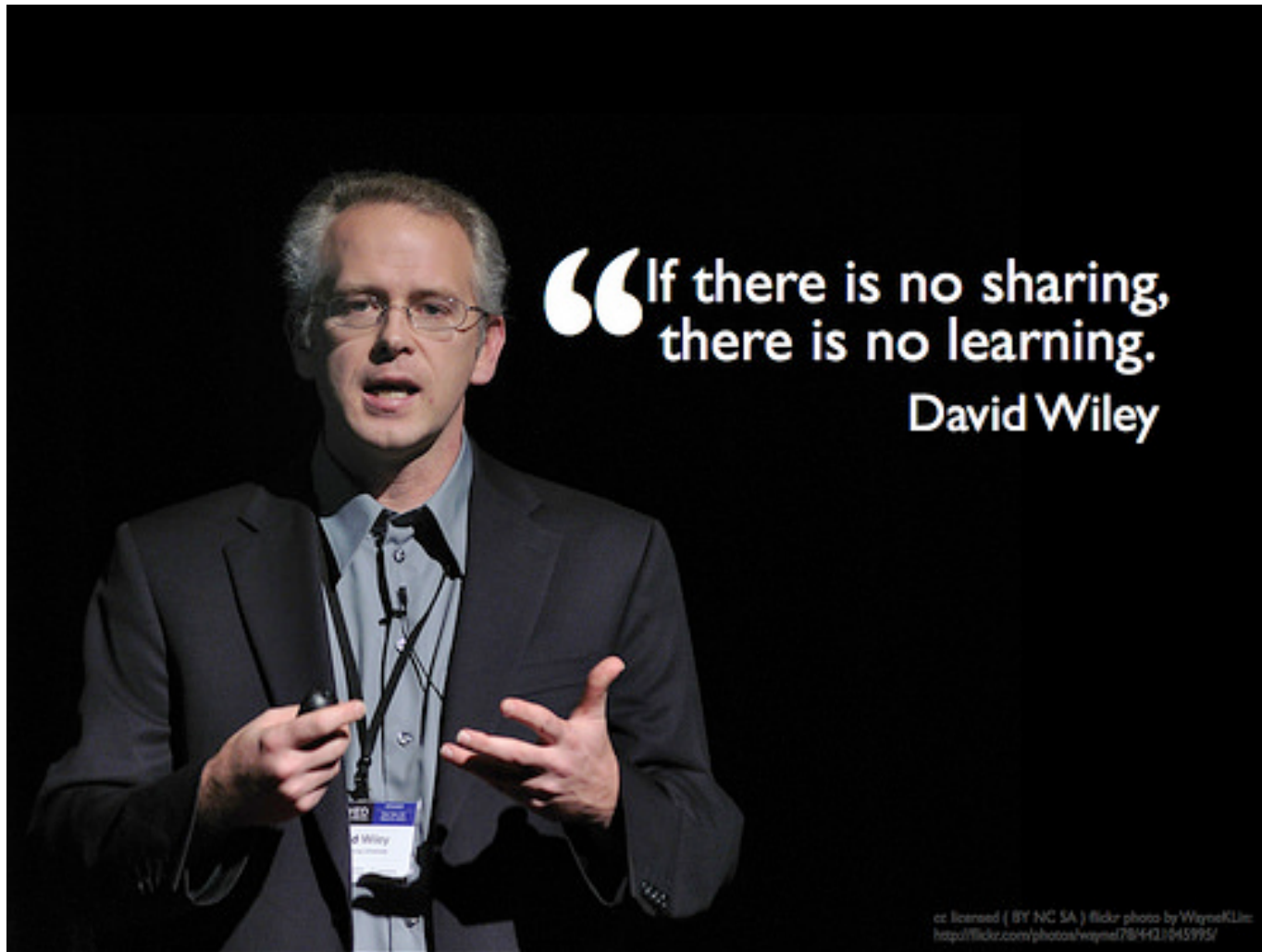
[Opening up Education: A Support Framework for Higher Education Institutions.](#)

JRC Science for Policy Report,
EUR 27938 EN; doi:
10.2791/293408



Open educational practices

Open educational culture

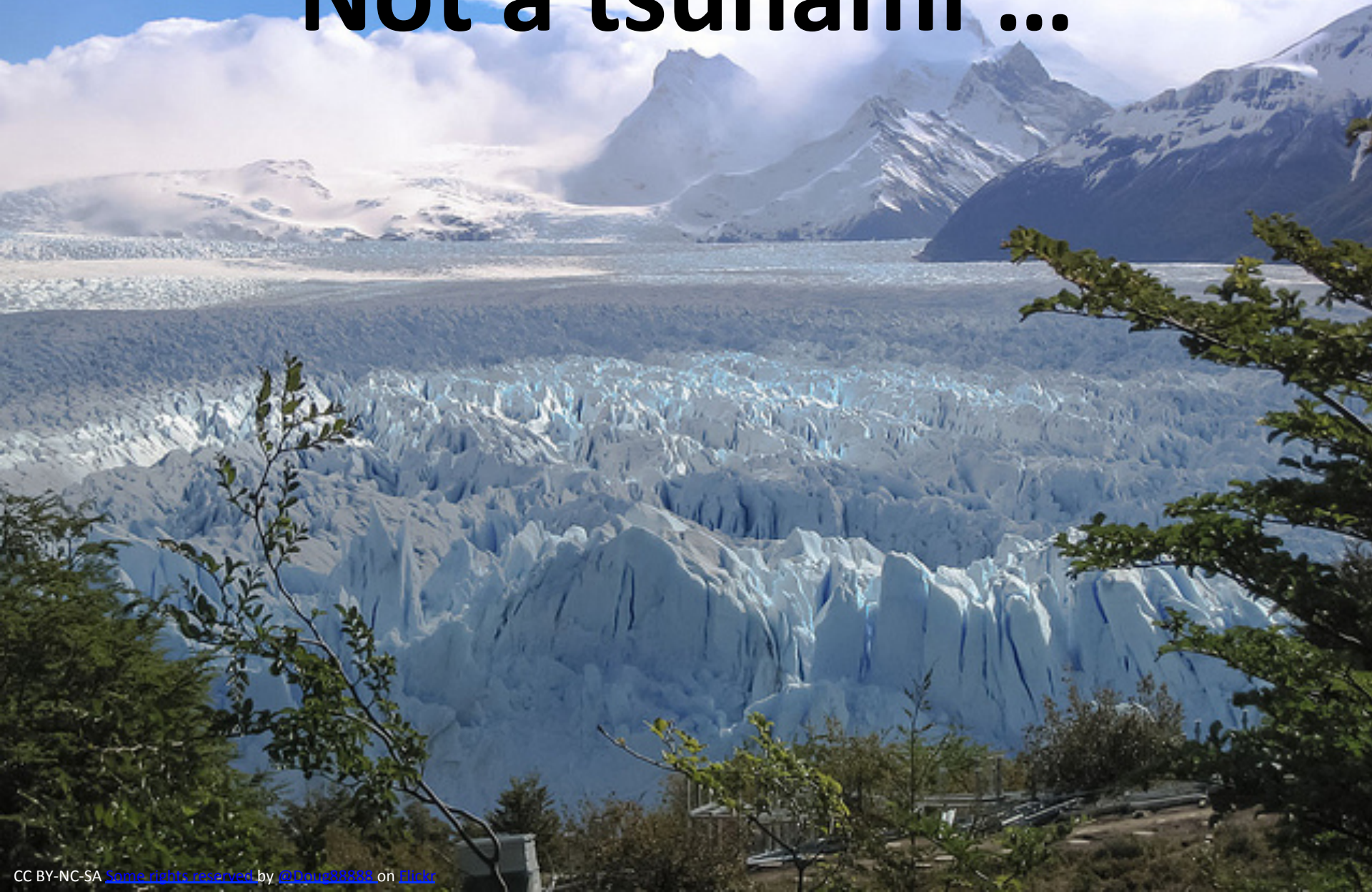


“If there is no sharing,
there is no learning.
David Wiley

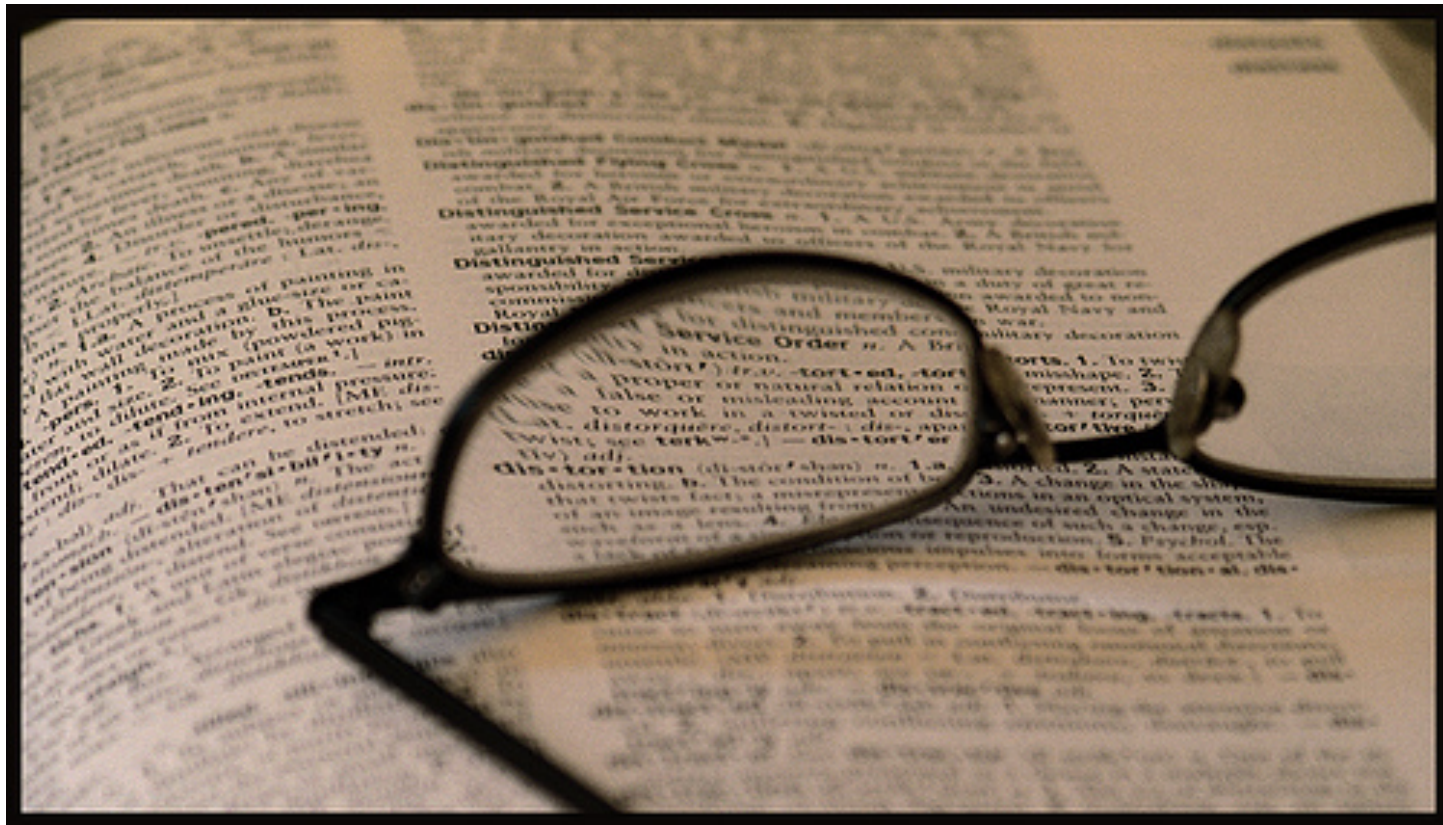
MOOCs

the story so far ...

Not a tsunami ...



Definitions ...



MOOC business models...



Pay for value-added
services

Road to admission

Franchising

Headhunting

Opportunities ...

Taster for
higher education

International
showcase

Hybrid models

Lifelong learning

National generic
courses

Innovation space

Shorter programmes



MOOC credentials

- Pay service
- [EdX Xseries](#)
- [Coursera Specializations](#)
- Udacity [Nanodegrees](#)



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MOOCs for credit

- MOOCs becoming mainstream
- MOOCs for credit
[Moocs: international credit transfer system edges closer](#)
(Times Higher Ed)
- MOOCs as first year alternative
 - Arizona State University,
[Global Freshman Academy](#)



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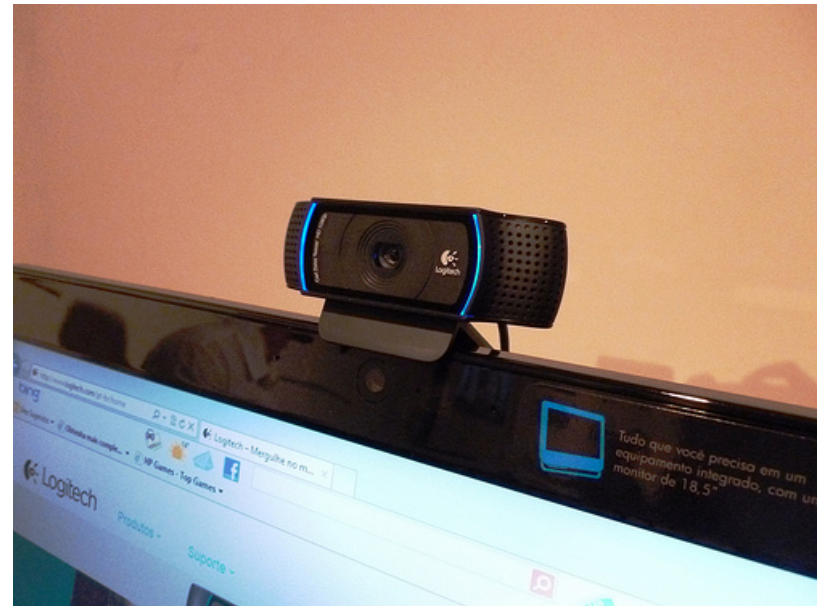
Secure online examination

- Companies offer service to universities

[ProctorU](#)

[Software Secure](#)

- Universities use own solutions




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COMMANDER IN CHIEF ACTIVITIES

MOOC Scaffolding



Safe bubbles in a sea of openness

Open Badges

- micro-credentials

- Badges in gaming
- Digital certificates
- Transparency
- Recognition of soft skills
- Work-based learning



Competency-based degrees

- Recognition of prior learning
- Flexible examination
- Study at own pace with mentor
- Competency-based education network



Open education – not only MOOCs



- [OER university](#)
- [Peer2Peer University](#)
- [University of the people](#)

The new oil ...



Learning analytics

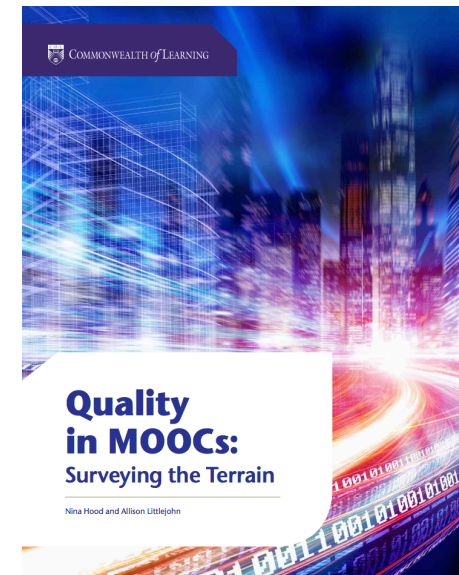
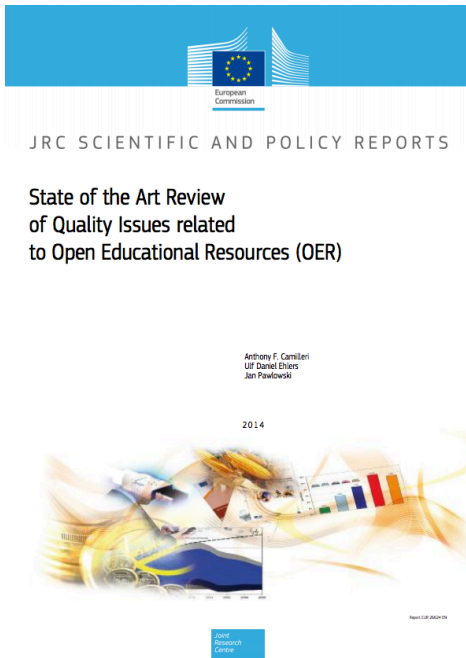
- Analysis of student data
- Identify needs
- Assessment
- Personalised learning
- Input for course design

Robot essay correction?

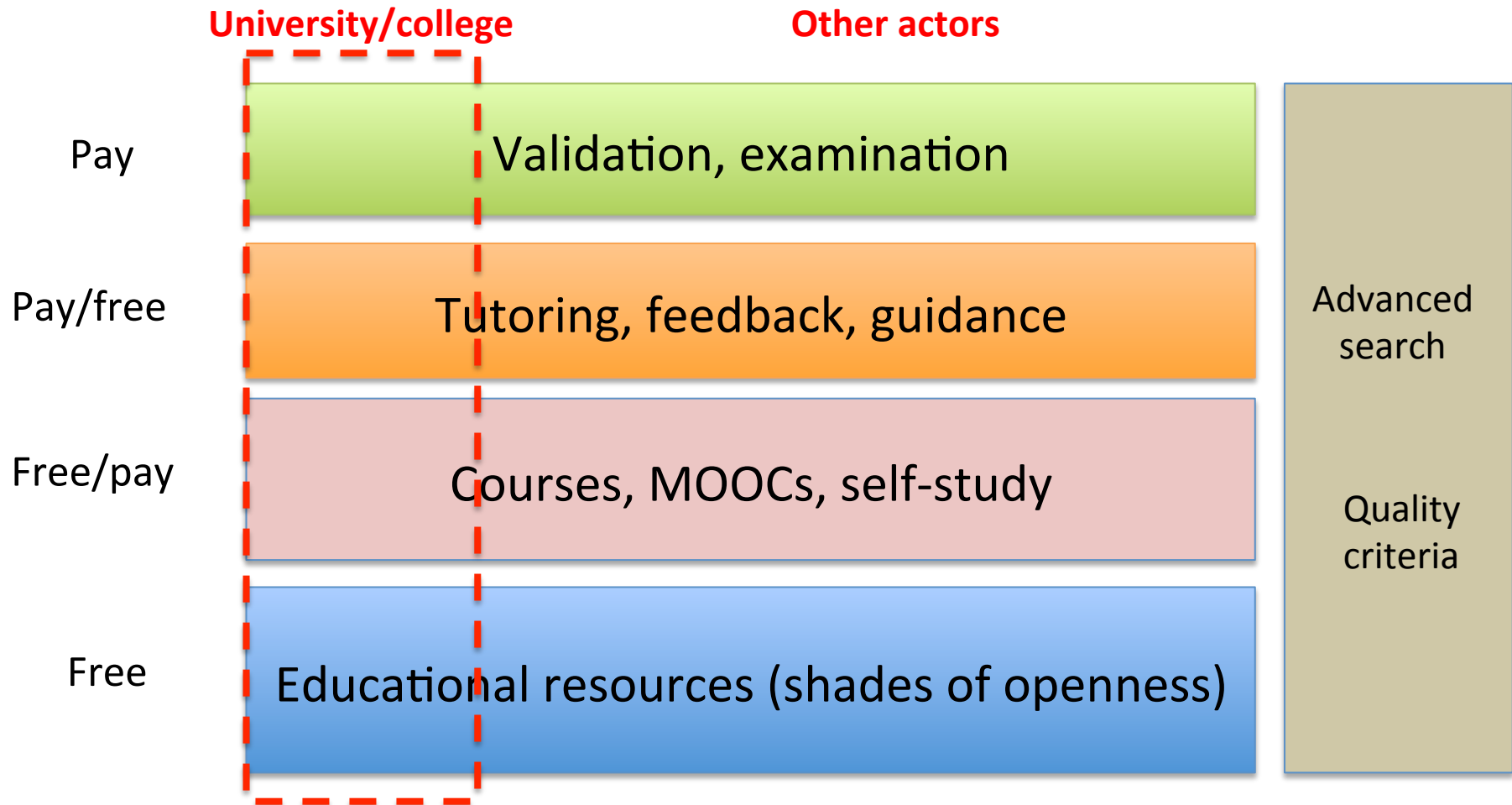
- Tools eg [Criterion](#)
- Students more positive to auto-review (MIT, NJIT)
- Proactive support during writing process
- Read more:
[Robo-readers aren't as good as human readers — they're better](#) (Hechinger Report)



Quality initiatives - but how to move to mainstream?



Layered model for education



My digital footprints ...



Blogs on IT and learning

- [Flexspan](#) (Swe)
- [Corridor of Uncertainty](#) (Eng)

Twitter <http://twitter.com/alacre>

Scoopit

<http://www.scoop.it/t/corridor-of-learning>

Bookmarks

<http://www.diigo.com/user/alacre>

Questions?



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