

# Open Education

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**ICETA**2012  
International Conference

10th International Conference on Emerging  
eLearning Technologies and Applications

# About Katarina

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**Katarína Pišutová**

**Biography:**  
Katarína Pišutová holds an MA in Adults Education (2003) from the University of British Columbia in Canada and an EdD in Online and Distance Learning (2012) from the Open University in UK. She has designed and taught online courses for various non-profit organizations, for the University of British Columbia, University of Pittsburgh and Empire State College in Saratoga Springs, NY. She has also been a member of the Open Education Task Force for the Empire State College, one of the anchor partners of the OER University.

**Abstract:**  
**Open Education**  
Introduction to concepts of openness in education. We will address concepts of Open Licensing (Creative Commons licenses), Open Content, Open Courseware (MIT, MITx), Open Educational Resources, Open Access (publishing) Open Science, Open Teaching (Massive Open Online Courses – MOOC), Open Assessment (badges, P2P University, OER University). We will loosely follow structure of David Wiley's Introduction to Openness in Education course. We will also address the most discussed issues and challenges connected to openness in education.  
[back..](#)

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# Introduction to Openness in Education

- o Empire State College and OERu – taskforce for Openness in Education
- o Open Course taught by David Wiley - <http://openededucation.us/>
- o 12 topics to work through and blog about.
- o Completed work is assessed by Dr. Wiley to earn a badge
- o We incorporated f2f element

# Why Open



- o How do you define “open”
- o Dr. Wiley definition using example of 2 year old –  
<http://youtu.be/Rb0syrgsH6M>
- o Why knowledge should be shared?



# Open Licensing

- Walt Disney as an extraordinary example of using work of others (Lawrence Lessig <http://youtu.be/FhTUzNKpfio> )
- CC licenses – to copy, distribute, edit, remix and built upon

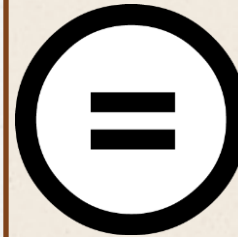


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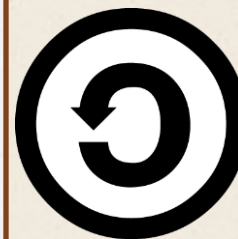
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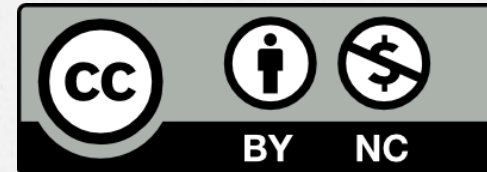
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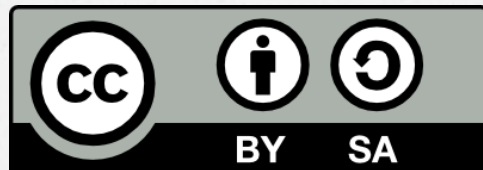
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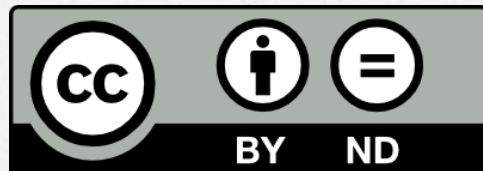
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# Open Source and Open Content

- o Stuff nobody would buy anyway?
- o 4R framework for open content:
  - o Reuse (using in unaltered form)
  - o Revise (adapt, adjust, modify)
  - o Remix (incorporate parts into a mashup)
  - o Redistribute (share copies)
- o OER Handbook  
[http://wikieducator.org/OER\\_Handbook/educator\\_version\\_one](http://wikieducator.org/OER_Handbook/educator_version_one)



# Open Courseware

- o 2001 – MIT <http://youtu.be/4XFvqOSRsa8>
- o OCW Consortium – now over 200 institutions from over 40 countries
- o Not replacing traditional courses
- o True MIT education comes from interaction of students with faculty

# Open Teaching – what is MOOC

- o MOOC - next step beyond providing course content and resources
- o Definition:
  - o Open (all work done accessible)
  - o Cost free (no payment for participation – credit payment OK)
  - o The work in the course is shared with all participants
  - o Participatory (you gain by interacting with others)
  - o Distributed (discussions and blogs are part of the course, but not at the same website)



# MOOC History

- o 2007 – David Wiley at Colorado State University opened his course on OE (50 people from 8 countries)
- o 2008 – Siemens and Downs – course on Connectivism (25 students from U of Manitoba, 2,300 free) – MOOC term
- o 2011 Stanford AI course – 160,000 people
- o Beginning of 2012 Coursera, Udacity (Stanford), Edx (nonprofit, MIT & Harvard)

# cMOOC vs. xMOOC

- o cMOOC – (Downs and Siemens model)  
courses based on interaction, connections,  
social networking
- o xMOOC – (Coursera) video presentations,  
short quizzes and testing



# Coursera

- o Gaining partnerships fast – Sept. 2012 16 new universities – No. of courses over 200
- o So far no profit. Possible models (in their business agreements):
  - o **Certification (pay for certificates/badges)**
  - o Secure assessments (proctored exams)
  - o **Employee recruiting (head hunters)**
  - o Applicant screening (employers)
  - o Human tutoring or assignment marking
  - o Selling the platform for in-company trainings
  - o Sponsorships

# MOOC in Slovakia

- o Univerzita pre moderne Slovensko - <http://www.upms.sk/> (video lectures & tests, over 6,000 students)
- o Textbook on Social Policy by Miroslav Beblavy <http://www.socialnapolitika.eu/>



# Myths and Issues

- o Media attention – arguments and myths:
  - o Access to education in developing countries (without credits or degrees – no change for developing countries)
  - o Quality issues (a course from famous university is not automatically good. No quality criteria have been developed – 10% completion rate)
  - o Computers personalize learning (traditionally feeling of abandonment without live instructor)

# Future and Possibilities

- o MOOCs are fashionable now – some ventures survive, some won't
- o Financial sustainability?
- o If it comes cheaper, it will stay
- o Low completion rate - just for motivated and self-sufficient students
- o It is out there and it is free – nothing wrong with that ;o)





# Thank you!

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