


OUJ International Symposium 2014

OJIS2014

Global Trends of Online Teaching & Learning

Friday, February 7, 2014

Makuhari International Training Center



It's good to be back
at OUJ!

OUJ International Symposium 2014

OJIS2014

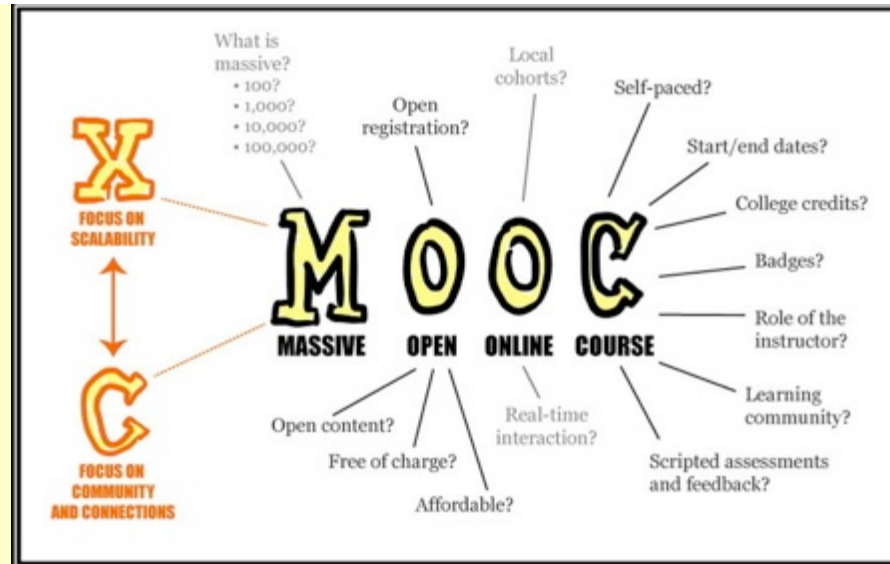
Global Trends of Online Teaching & Learning

Friday, February 7, 2014

Makuhari International Training Center



Prof. Takashi Sakamoto



MOOCs:

What will be their Legacy?

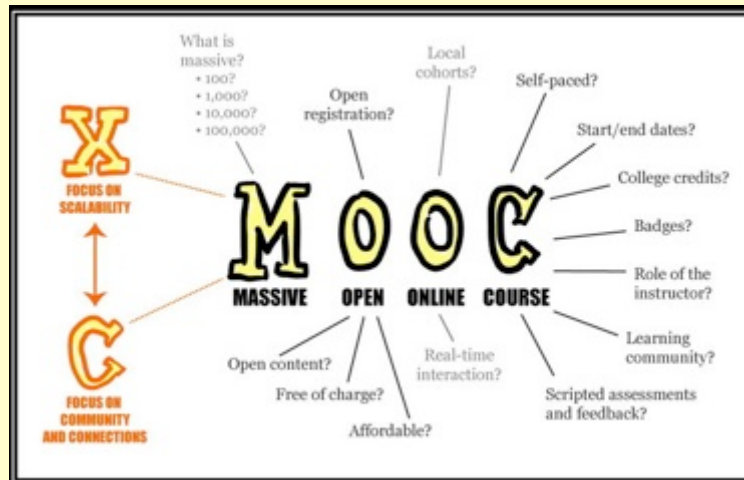
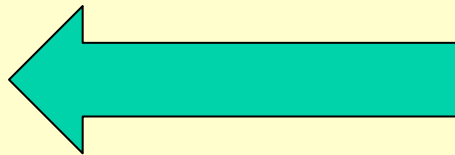


Legacy:

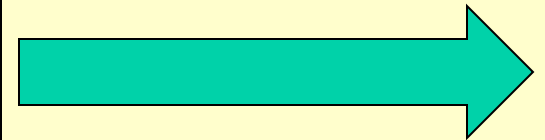
‘a material or
immaterial thing
handed down by a
predecessor’

LOOK

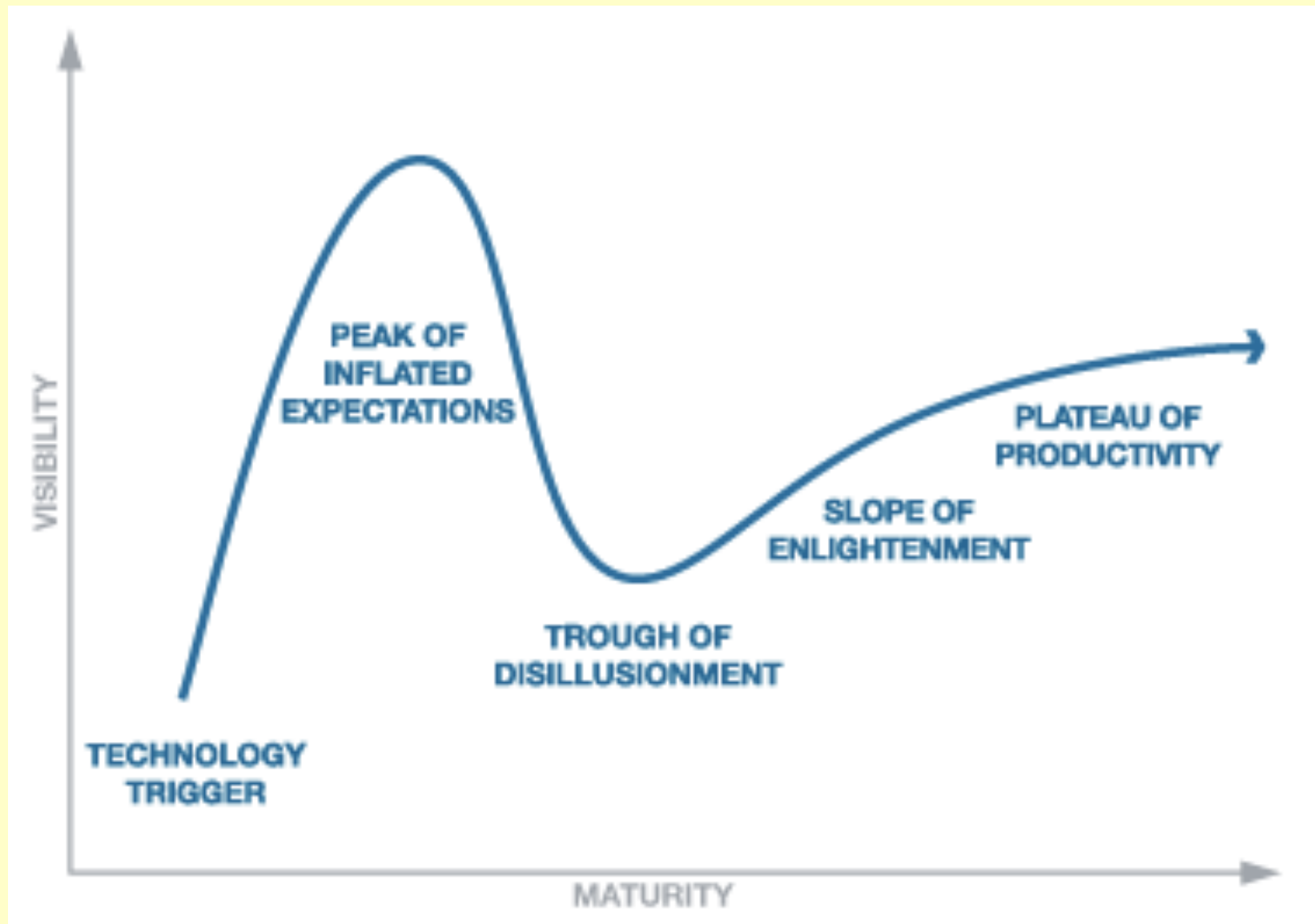
Backwards



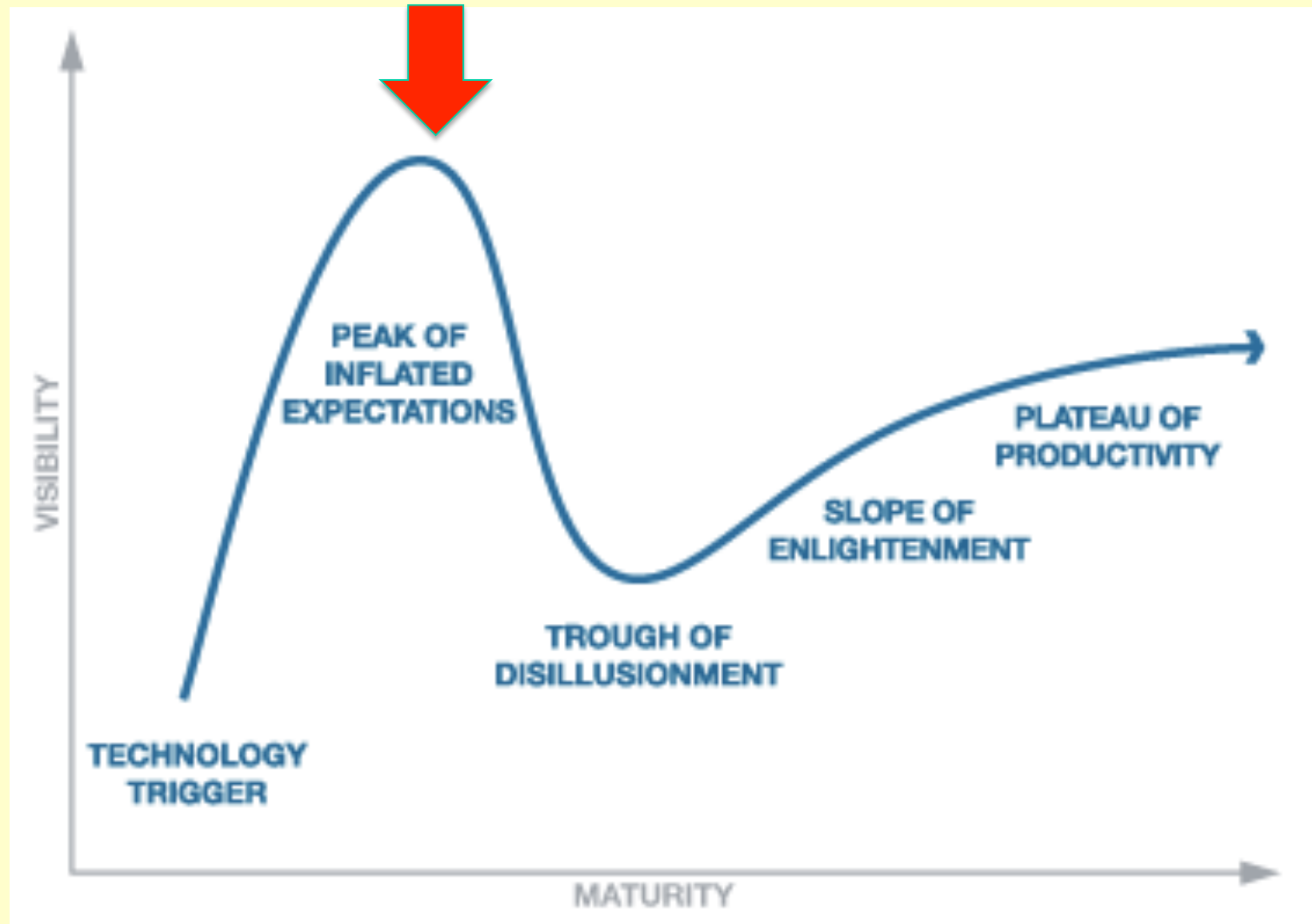
Forwards



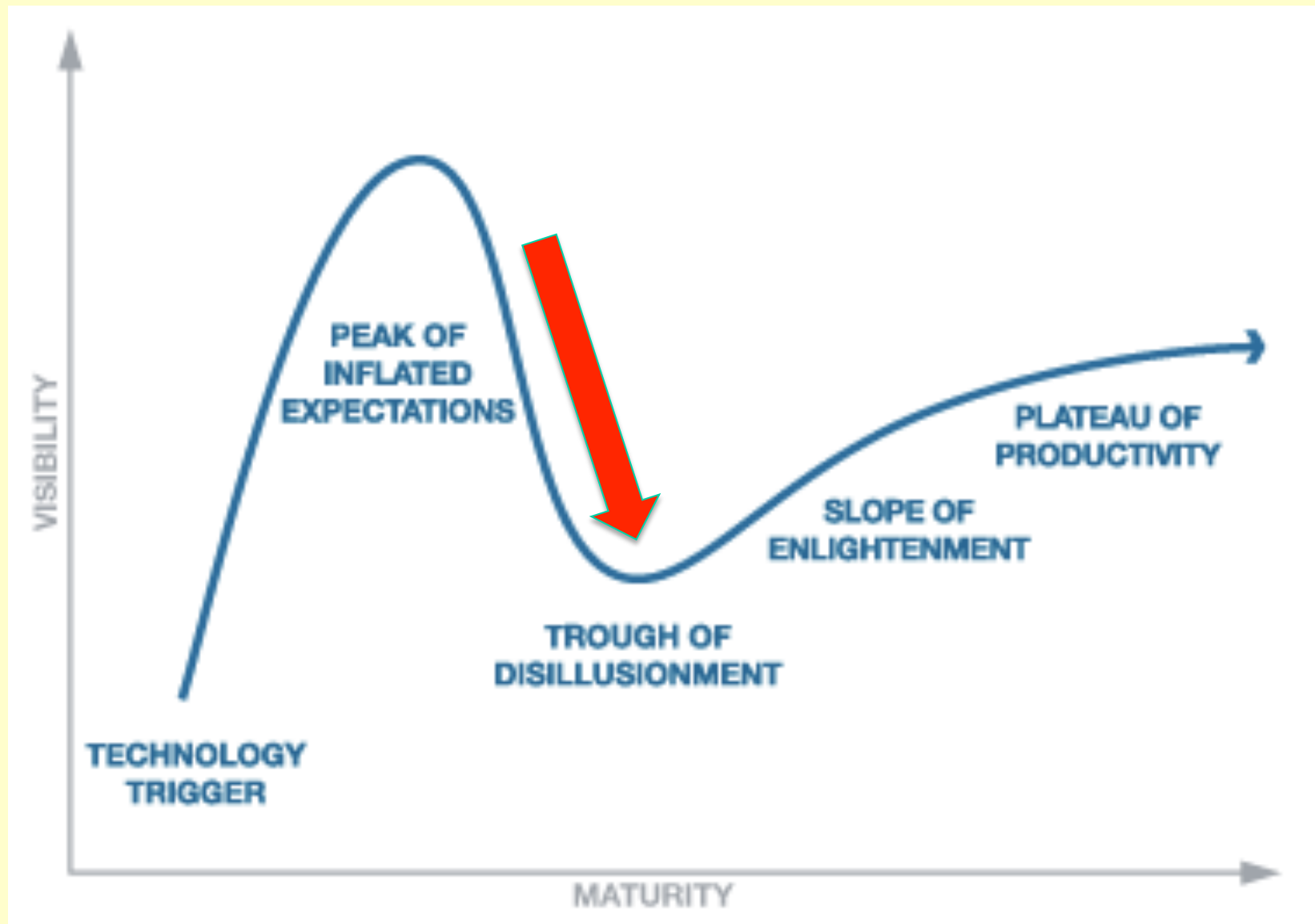
‘material or immaterial things handed down’



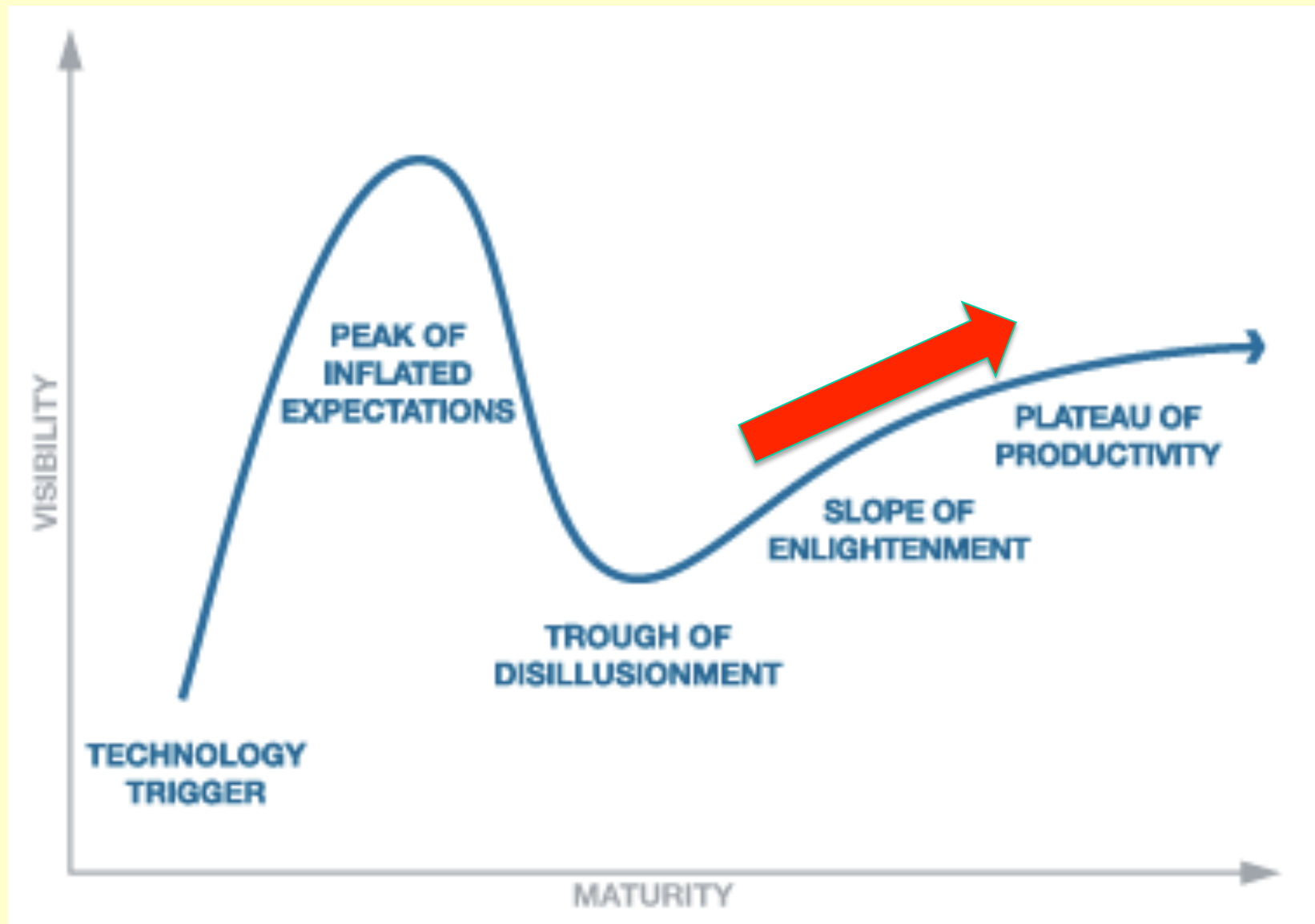
The Gartner Technology Hype Cycle



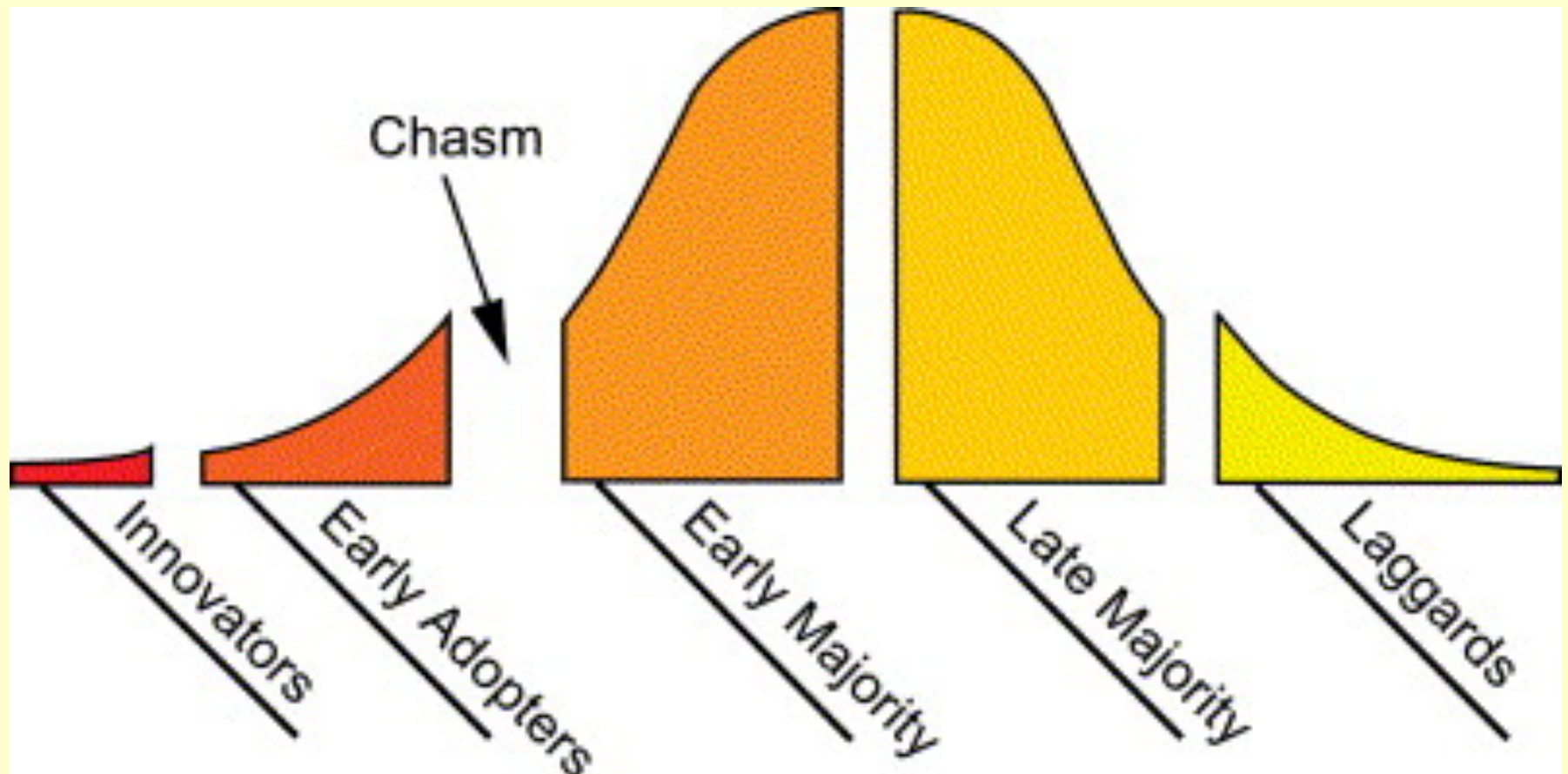
The Gartner Technology Hype Cycle



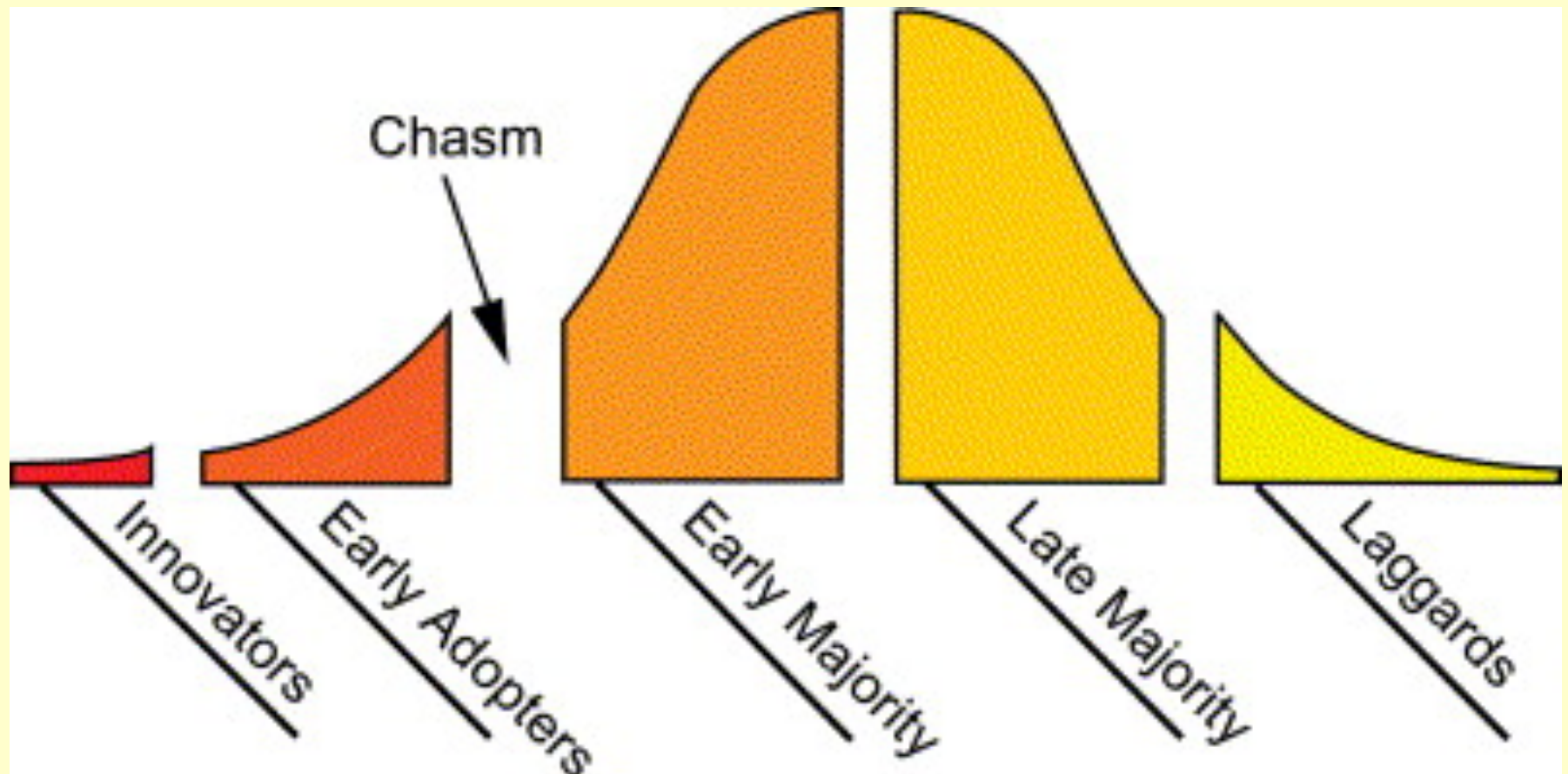
...sliding down from 2013 enthusiasm



...leading up to the legacy



Moore's Technology Adoption Life Cycle



Online teaching & learning:
Have MOOCs bridged the chasm?



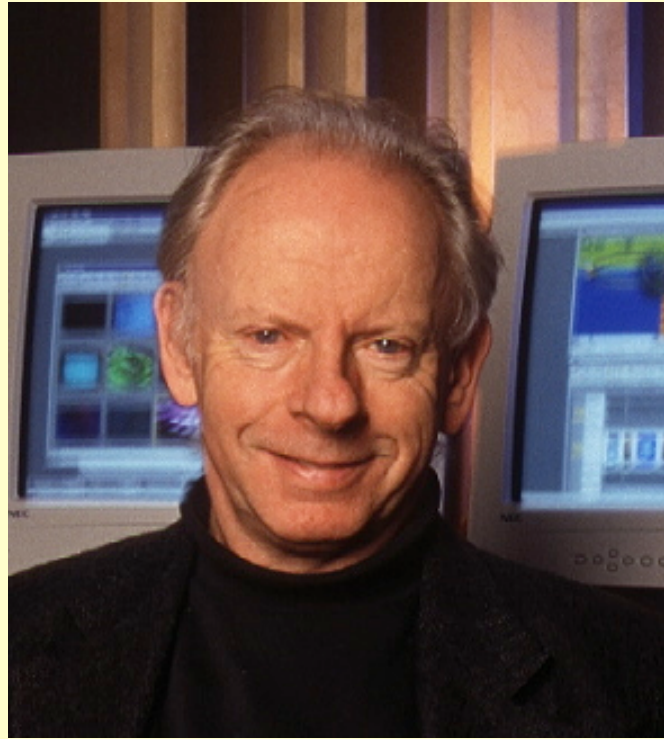
**If Harvard
is going online
it must be OK!**





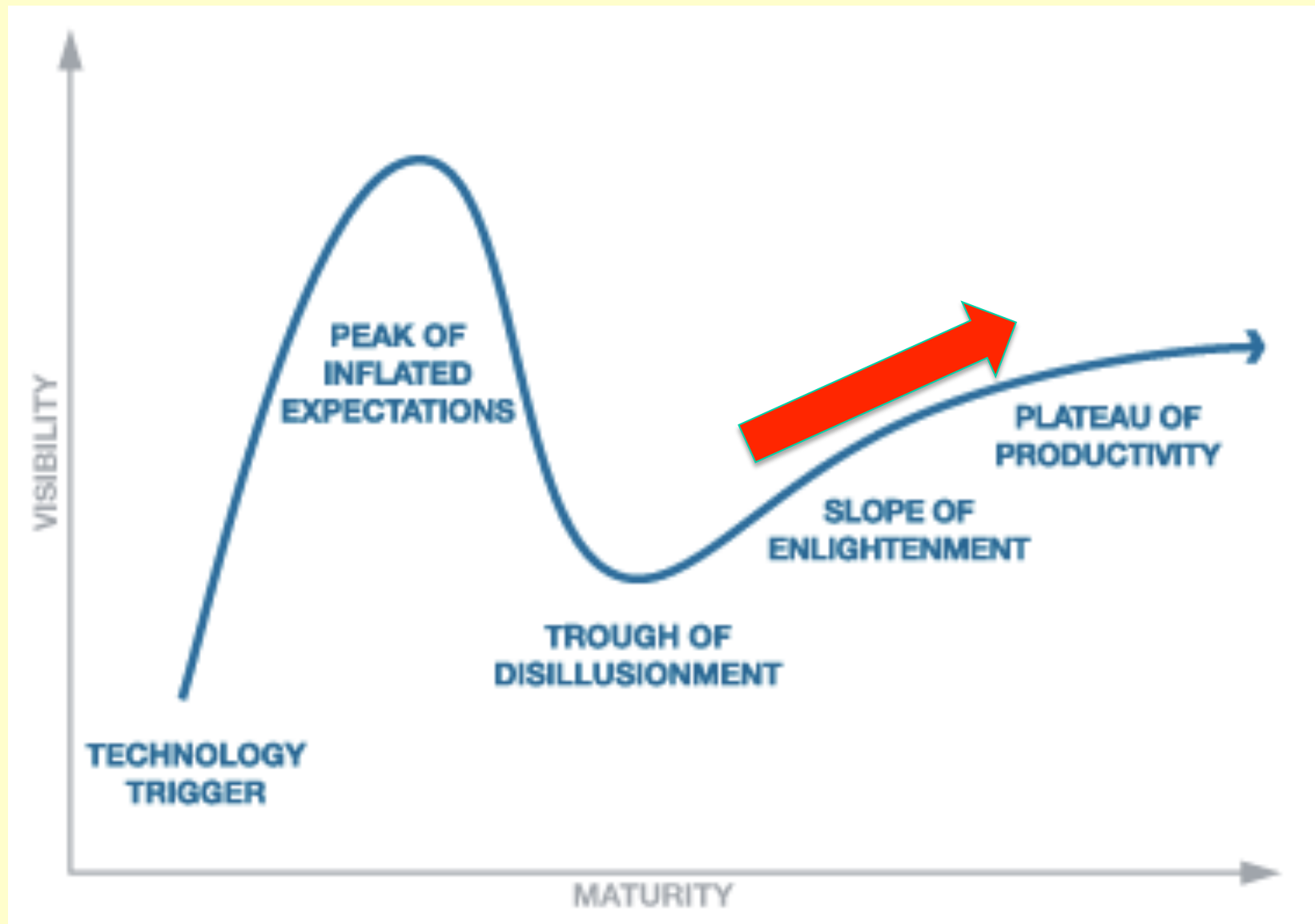
The herd instinct to Mooc!



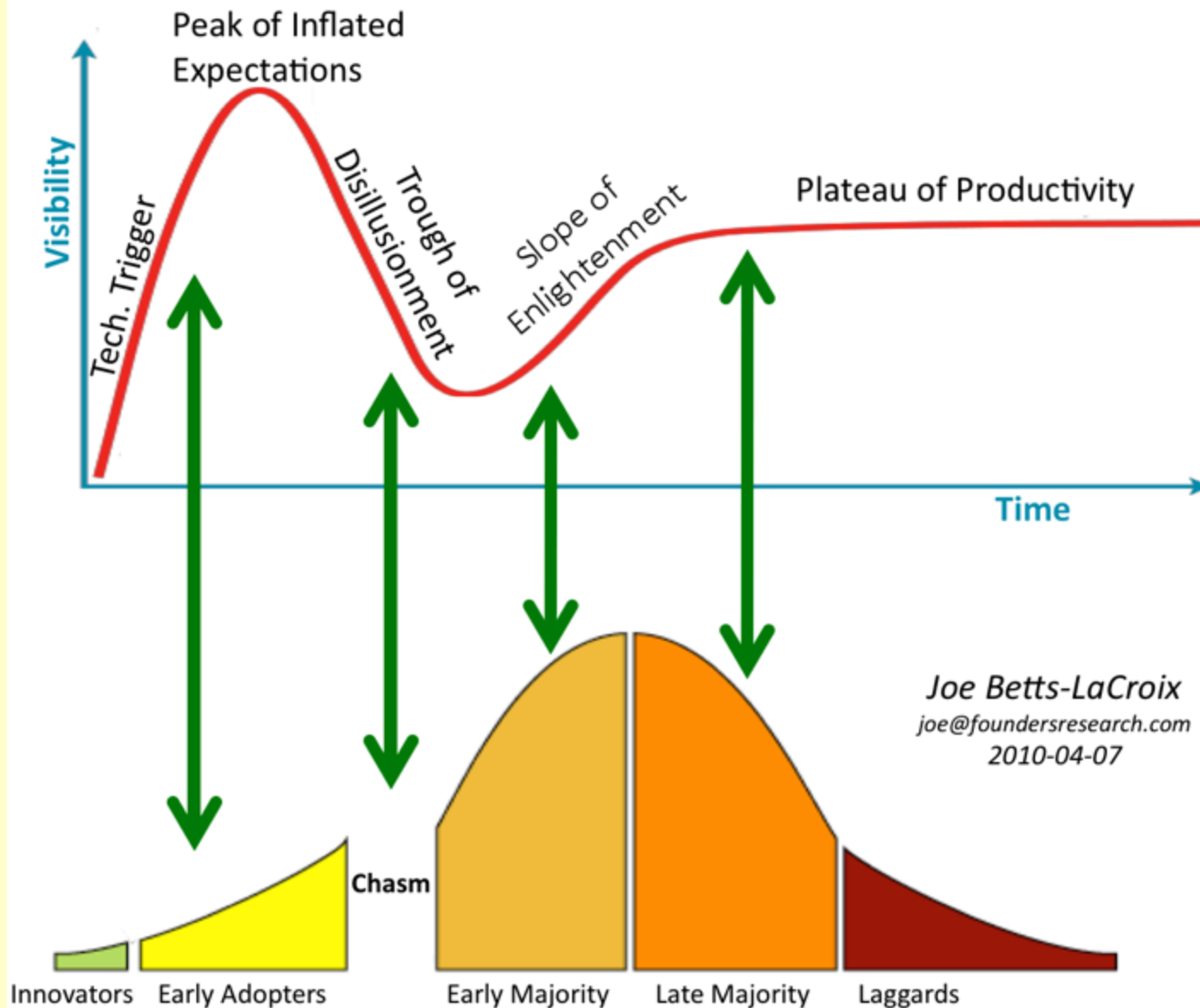


Tony Bates

MOOCs shake-out in 2014 -
online learning came of age in 2013



...offer regular programmes online



MOOCs – bridging the chasm for online learning

Online Teaching & Learning 2010



- 15% of postsecondary programmes online
- 20,000 courses
- 500,000 student registrations



Ontario Centres of
Excellence

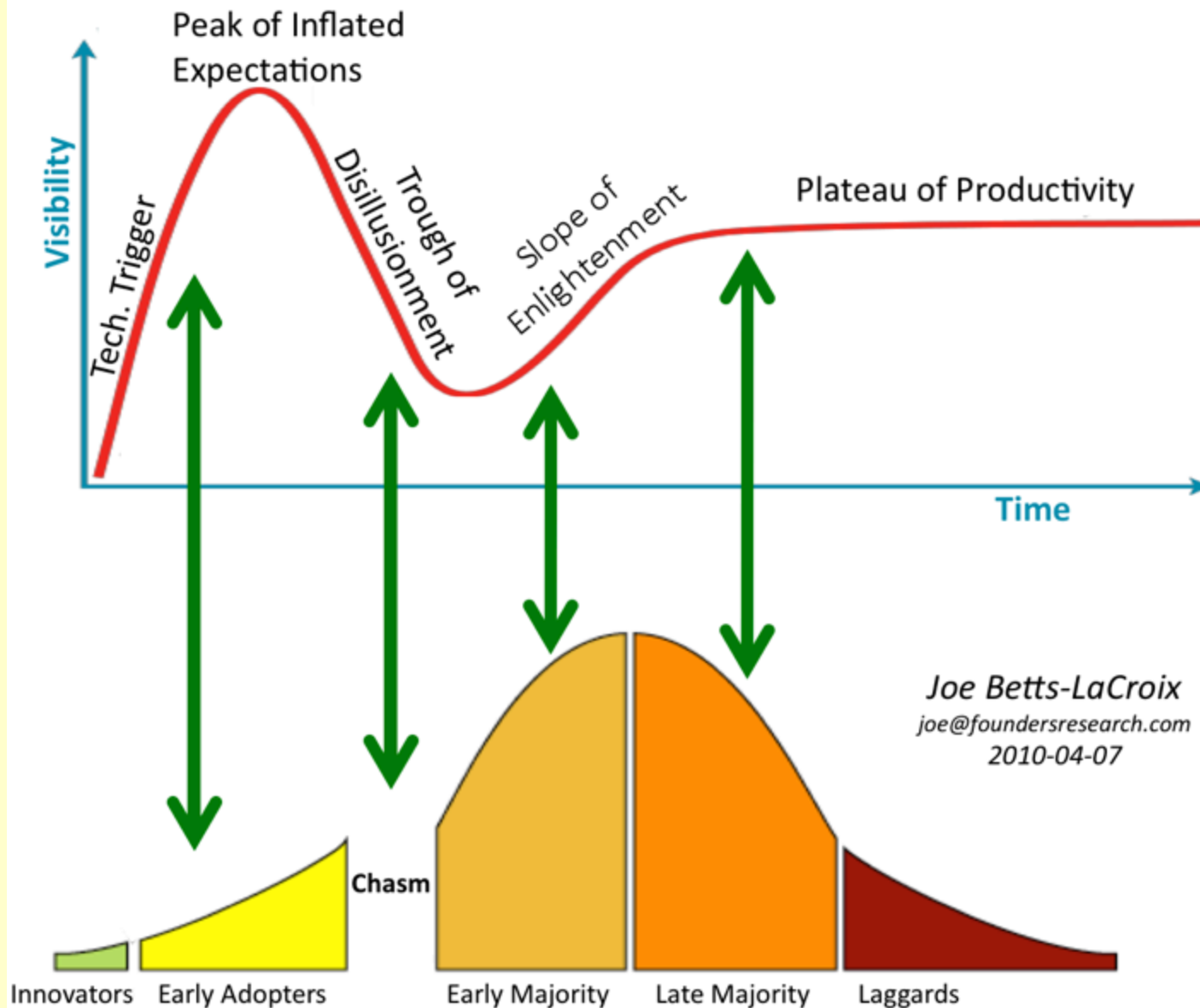
Where Next Happens

Ontario Online

(announced 13 January 2014)

‘will give students across the province
one window of access to high-quality,
transferable online courses while
reducing course duplication’

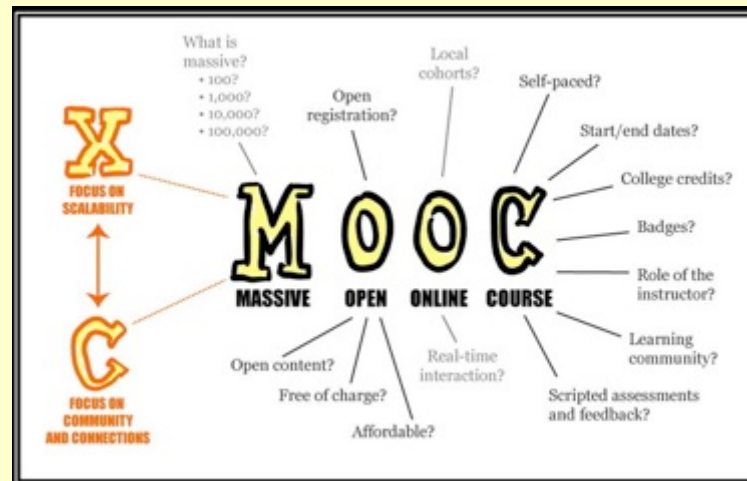
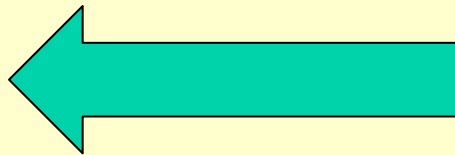
More students
taking regular
course online
than taking
MOOCs



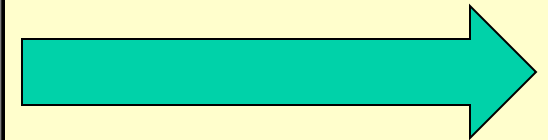
MOOCs – bridging the chasm for online learning

LOOK

Backwards



Forwards



‘material or immaterial things handed down’



The Open University



Lord Geoffrey Crowther
Inauguration of the Open University
1969

“The world is caught in a communications revolution, the effects of which will go beyond those of the industrial revolution of two centuries ago.

Then the great advance was the invention of machines to multiply the potency of men's muscles.

Now the great new advance is the invention of machines to multiply the potency of men's minds. As the steam engine was to the first revolution, so the computer is to the second.”

Lord Geoffrey Crowther, 1969



The Open University

- **250,000+ students**

BRITAIN' S TOP NINE UNIVERSITIES

Quality Rankings of Teaching

based on all subject assessments 1995-2004
(*Sunday Times University Guide 2004*)

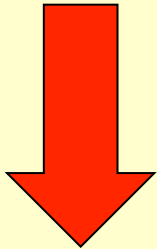
1	CAMBRIDGE	96%
2	LOUGHBOROUGH	95%
3=	LONDON SCHOOL OF ECONOMICS	88%
3=	YORK	88%
5	<u>THE OPEN UNIVERSITY</u>	87%
6	OXFORD	86%
7	IMPERIAL COLLEGE	82%
8	UNIVERSITY COLLEGE LONDON	77%
9	ESSEX	77%

...and OU top for student satisfaction



OUR MISSION

1970s



2010s



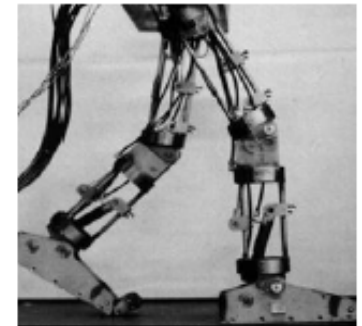
People



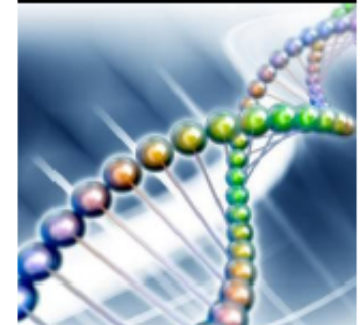
Places



Methods



Ideas



A stylized white graphic of a staircase with three steps, positioned to the left of the text.

**Future
Learn**



الجامعة العربية المفتوحة
Arab Open University



中央广播电视大学
THE OPEN UNIVERSITY OF CHINA



มหาวิทยาลัยสุโขทัยธรรมมาธิราช
Sukhothai Thammathirat Open University



THE OPEN UNIVERSITY OF JAPAN



AFRICAN VIRTUAL UNIVERSITY
UNIVERSITE VIRTUELLE AFRICAINE
UNIVERSIDADE VIRTUAL AFRICANA



The Open University

Allama Iqbal Open University



Korea National Open University



The **Open** University of Sri Lanka
LIFE LONG LEARNING THROUGH DISTANCE EDUCATION



Athabasca
University



OPEN EDUCATIONAL RESOURCES (OER)

**educational
materials that may
be freely accessed,
reused, modified and
shared**

THE TREND TOWARDS OPENNESS

- Open Source Software



- Open Access to Research



- Open Educational Resources



MIT**OPEN****COURSEWARE**
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

WE'RE

OPEN



UNESCO HQ Paris

2002 Forum on the Impact of Open CourseWare
for Higher Education in Developing Countries

OPEN EDUCATIONAL RESOURCES

OPEN EDUCATIONAL RESOURCES (OER)

**educational
materials that may
be freely accessed,
reused, modified and
shared**

Online version of
this document:



PROGRAMME



United Nations
Educational, Scientific and
Cultural Organization



**2012 World
Open Educational Resources
Congress** Paris
20-22 June
UNESCO Headquarters
Paris, France

World Congress on
Open Educational Resources
Paris – June 20-22 – 2012



The Paris Declaration

Paris Declaration on OER

10. Encourage open licensing of educational material produced with public funds.



BRITISH
COLUMBIA

NEWSROOM

BC Government Online News Source

SECTORS

*View BC News Stories by
Sector*

REGIONS

*View BC News Stories by
Region*

MINISTRIES

*View BC News Stories by
Ministry*

**ADVANCED EDUCATION,
INNOVATION AND
TECHNOLOGY**

**B.C. to lead Canada in offering students free,
open textbooks**

VANCOUVER - British Columbia is set to become the first province in Canada to offer students free online, open textbooks for the 40 most popular post-secondary courses

OER

MOOCs



What is a MOOC?

Massive **O**pen **O**nline **C**ourse



MOOCs began in Canada

University of
Manitoba



*Connectivism &
Connective Knowledge*

25 students on
campus
2,300 public - free



Course x6002 *Circuits and Electronics*

155,000 registrations

23,000 tried first test

9,000 passed mid-term

7157 passed = $< 5\%$





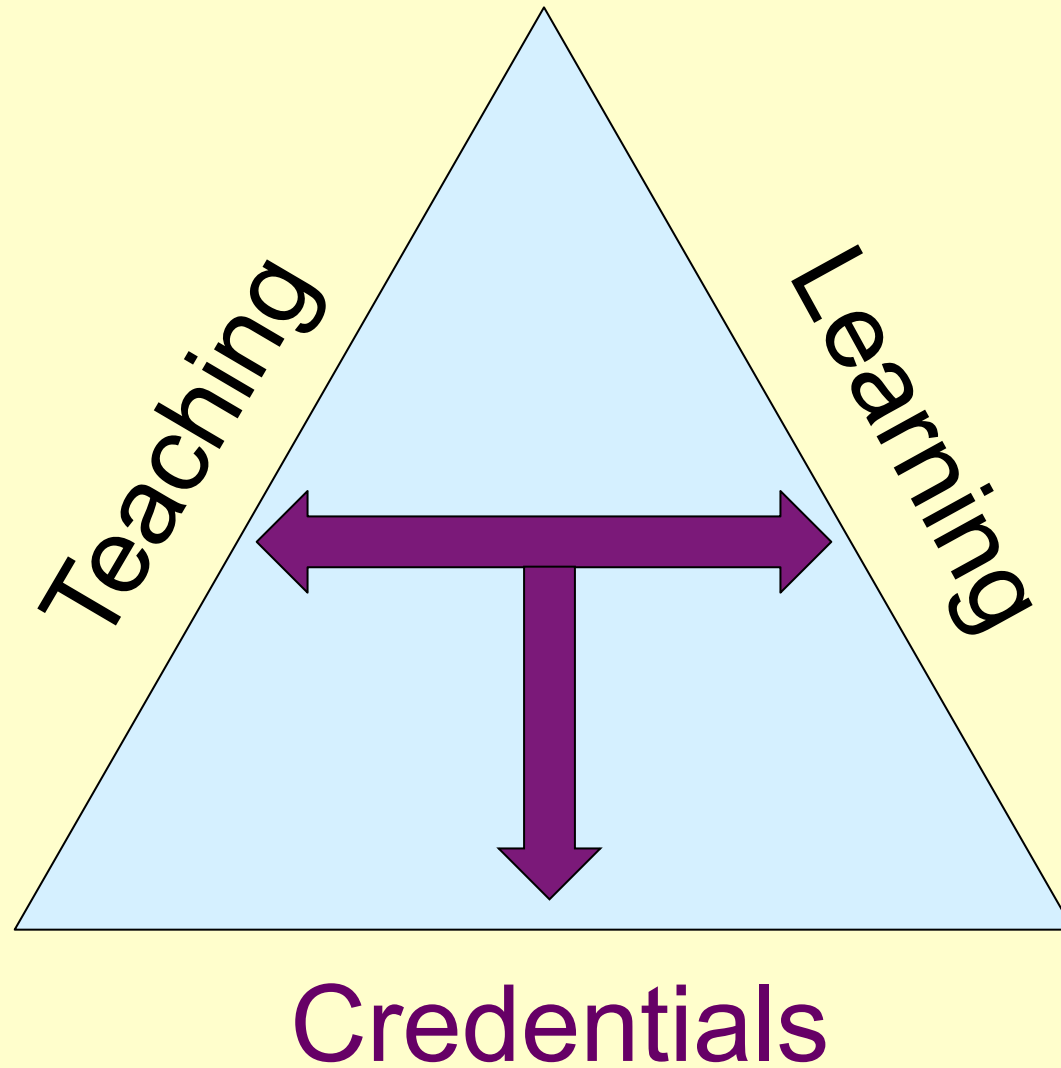
Course x6002 *Circuits and Electronics*

155,000 registrations

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What is higher education?



Korea National Open University



Making Sense of MOOCs:

Musings in a Maze of Myth, Paradox and Possibility

BUT:

The universities have no
business model for
MOOCs!

Expenditure: \$ 50,000 and up

Revenue: \$ 0

The content of many

MOOCs

is **NOT** an

Open Educational Resource



Course x6002 *Circuits and Electronics*

155,000 registrations

23,000 tried first test

9,000 passed mid-term

7157 passed = $< 5\%$

The Coursera logo, featuring the word "coursera" in a blue, sans-serif font. The "c" is stylized with a circular element.The Udacity logo, featuring a large orange "U" above the word "UDACITY" in a grey, sans-serif font.

For profit

=====

Not for profit

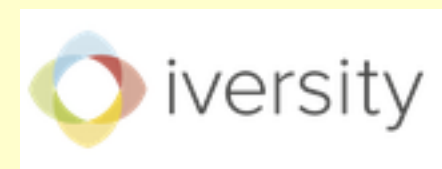
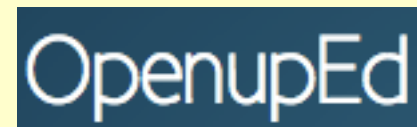
The edX logo, featuring the letters "ed" in a grey, sans-serif font, followed by a large blue "X" with a stylized design.The Future Learn logo, featuring a white stylized staircase icon on the left, followed by the words "Future" and "Learn" in a white, sans-serif font, all set against a pink background.

Offering MOOCs:
less need for big
expensive systems





‘it seems pretty obvious that no one who had any working knowledge of research in pedagogy was deeply involved in the creation of the course’

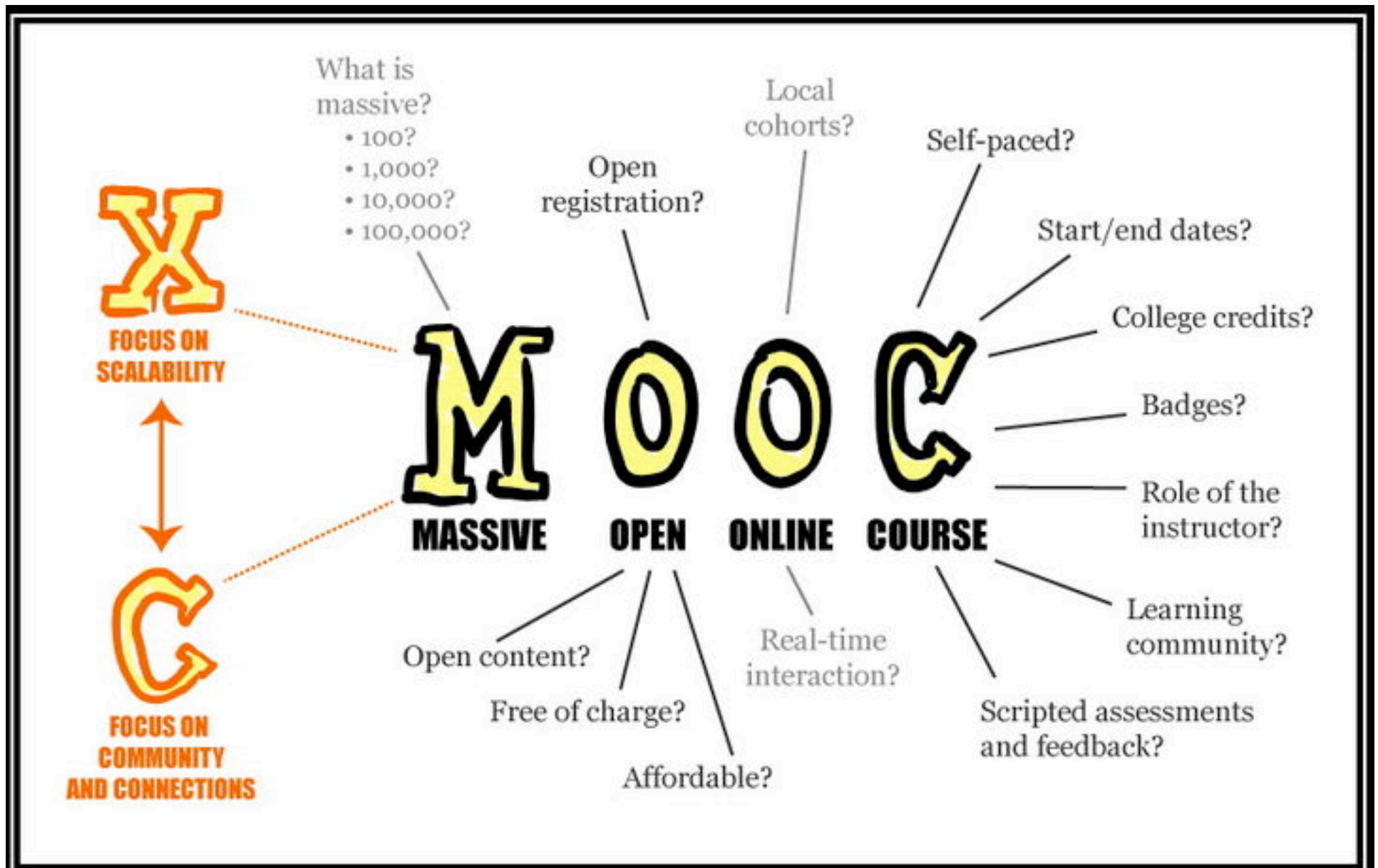


NPTEL

E-LEARNING COURSES FROM THE IITS & IISC



MOOCs ventures outside North America



M O O C – Every letter is negotiable!



MOOC on Mobiles for Development

Starts October 2, 2013 | Six-week Course

Drawing on our experience with offering online courses on large scale, and our interest in fostering new perspectives on MOOCs in the context of learning for development, COL will collaborate with the [Indian Institute of Technology Kanpur \(IITK\)](#) to offer a six-week MOOC starting 2 October 2013.



Dr. Venkataraman Balaji



V. Balaji

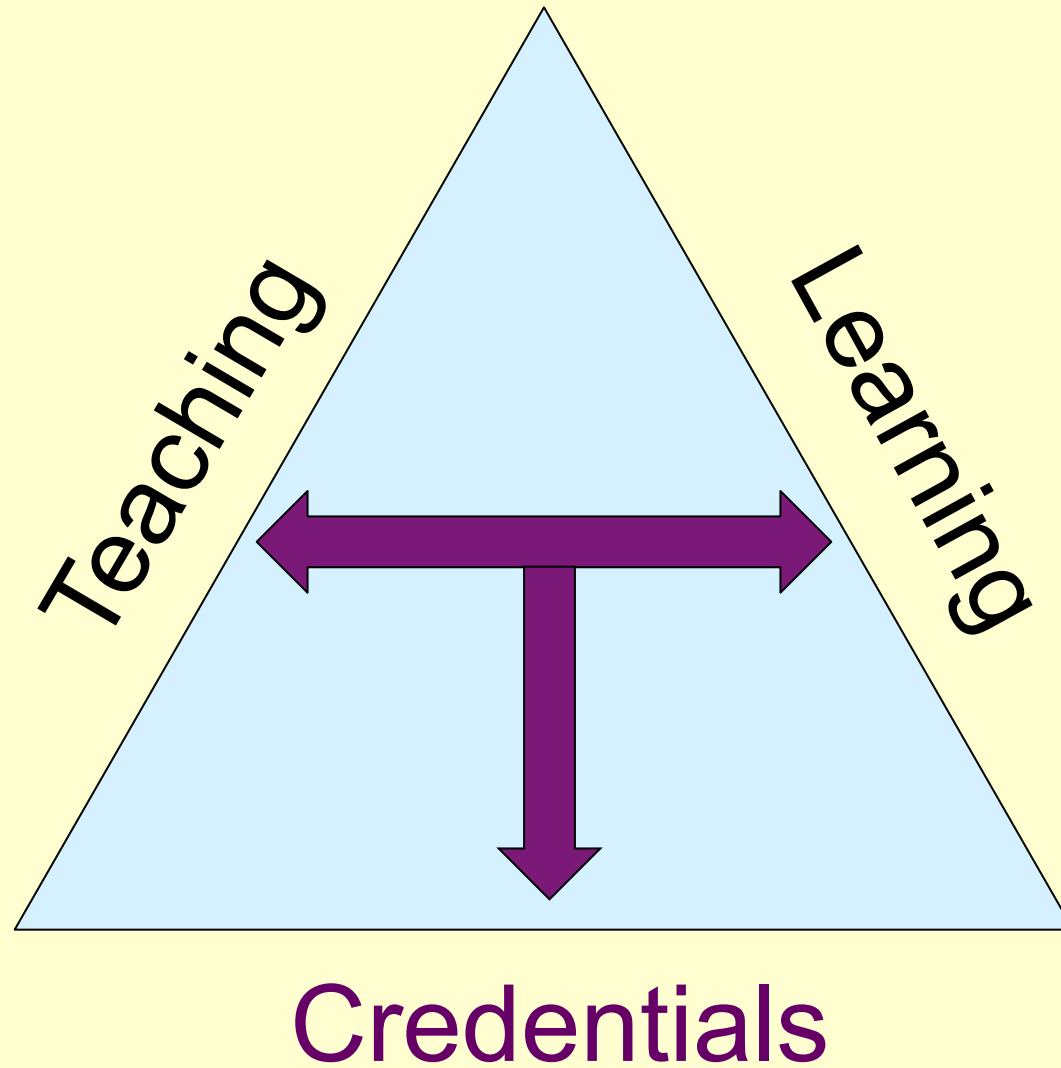
“At the time of launch we had 2282 registrants from 116 countries. The top five are: India, Nepal, Mauritius, Grenada and South Africa. The large presence of registrants from two small countries (totaling 187) was not expected. We have about 500 registrants in all from SSA countries and the Caribbean. From the Pacific, Solomon Islands has a noticeable presence.”



V. Balaji

“At the time of launch we had 2,282 registrants from 116 countries. The top five are: India, Nepal, Mauritius, Grenada and South Africa. The large presence of registrants from two small countries (totaling 187) was not expected. We have about 500 registrants in all from SSA countries and the Caribbean. From the Pacific, Solomon Islands has a noticeable presence.”

“Our original intention was not to have quizzes. There is a constant demand for that kind of assessment of progress and so we have offered a quiz (MCQ).”



What is higher education?

MOOCs

supply driven
or
demand led
?



Wicking Dementia Research and Education Centre

ne

ut Wicking

Understanding Dementia MOOC

[UTAS Home](#) > [Wicking Dementia Research and Education Centre](#) > [Wicking Centre Academy](#) > [Understanding Dementia MOOC](#)



Understanding Dementia MOOC

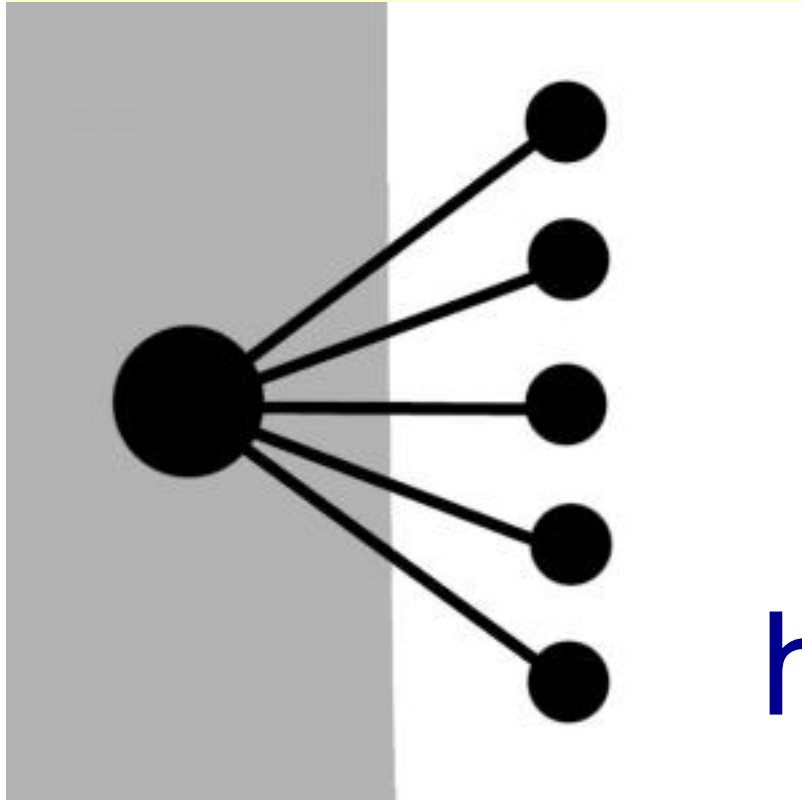
10,000 learners; 60 countries

- 89% women
- 70% over 40 years old
- < 17% more than bachelor's
- 39% completion rate

MOOCs

Needed:

- Employment-related topics
- Credible recognition



The unbundling of higher education

MOOCs

Accelerating four trends:

- More online learning
- Shorter courses
- New types of awards
- Partnerships

MOOCs

Accelerating four trends:

- More online learning



**If Harvard
is going online
it must be OK!**



Online teaching and learning is now part of the future of universities



Professor Tony Bates
“2013: online learning comes of age”
(www.contactnorth.ca)

How can MOOCs
stimulate the
transition to open
and online
learning?

“universities must stop focusing on MOOCs and develop policies for teaching more and more of their regular programmes online”

MOOCs

Accelerating four trends:

- Shorter courses

MOOCs

Accelerating four trends:

- New types of awards



old wine

?

new bottles





new wine

new bottles



mozilla

OPEN BADGES

ABOUT

ISSUER

EARNER

DISPLAYER

what are **OPEN BADGES?**

Learning today happens everywhere. But it's often difficult to get recognition for skills and achievements that happen online or out of school. Mozilla Open Badges helps solve that problem, making it easy for any organization to issue, manage and display digital badges across the web.

MOOCs

Accelerating four trends:

- Partnerships

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For profit

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Not for profit

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ACADEMIC PARTNERSHIPS™

Academic Partnerships

We assist leading universities around the world in the development and marketing of their online degree programs





ACADEMIC
PARTNERSHIPS™

THE AIM

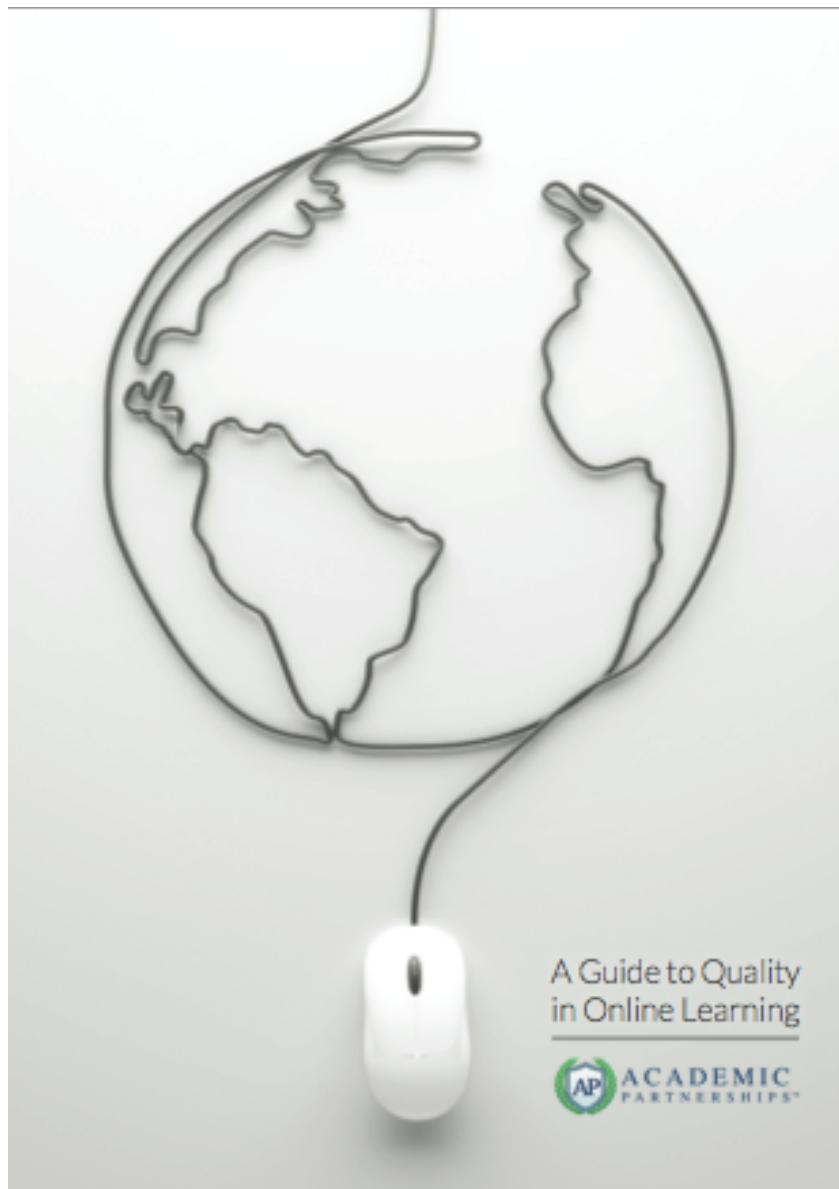
“to lead students into online award-bearing programmes and have them graduate at rates at least as good as those of their fellow students on campus”.



ACADEMIC
PARTNERSHIPS™

Specialisations

one-year online, ready-made programmes on advanced employment related topics. Each is made up of three certificates and has been developed by a well-known university for offering by other universities.



A Guide to Quality In Online Learning

Authors:

Neil Butcher & Merridy Wilson-Strydom



Editors:

Stamenka Uvalić-Trumbić & Sir John Daniel



A Guide to Quality in Online Learning

Guide to Quality in Post-traditional Online Learning

March 2014


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MOOCs

What will be their legacy?

Sir John Daniel

MOOCs

have shaken the

complacency

of Higher Education

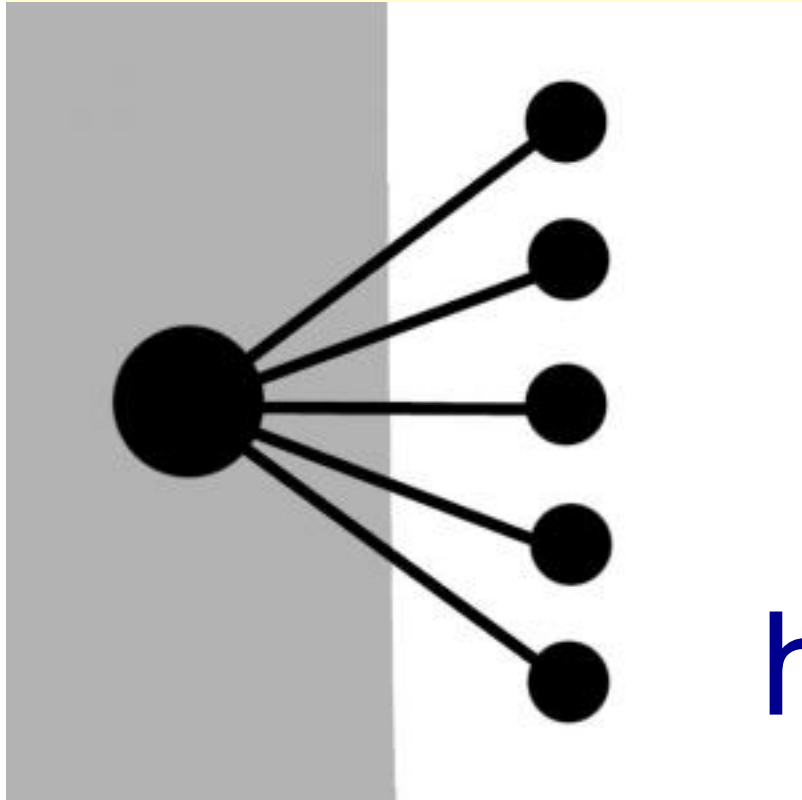


old wine

?

new bottles





The unbundling of higher education



THANK YOU

Sir John Daniel

For text and slides:
www.sirjohn.ca