FutureLearn

Working with Pierre Binetruy to deliver the Gravity mooc to a global audience

Simon Nelson

Future Learn

Set up by the UK's Open University as a response to the MOOC movement

Image © Open University/PA

MOOCS

MOOCS WERE ONLY ONE PART OF A WIDER MARKET SHIFT…

…BUT HAVE BEEN THE CATALYST FOR MAJOR INNOVATION IN HIGHER EDUCATION

Global shortage of higher education

Global skills gap

Global education trends

Globalisation

Of industry and society driving change and uncertainty

Automation

Machines are competing for intellectual as well as physical work

Digitisation

Mass adoption of digital services is creating new jobs and skills gaps

Job disruption

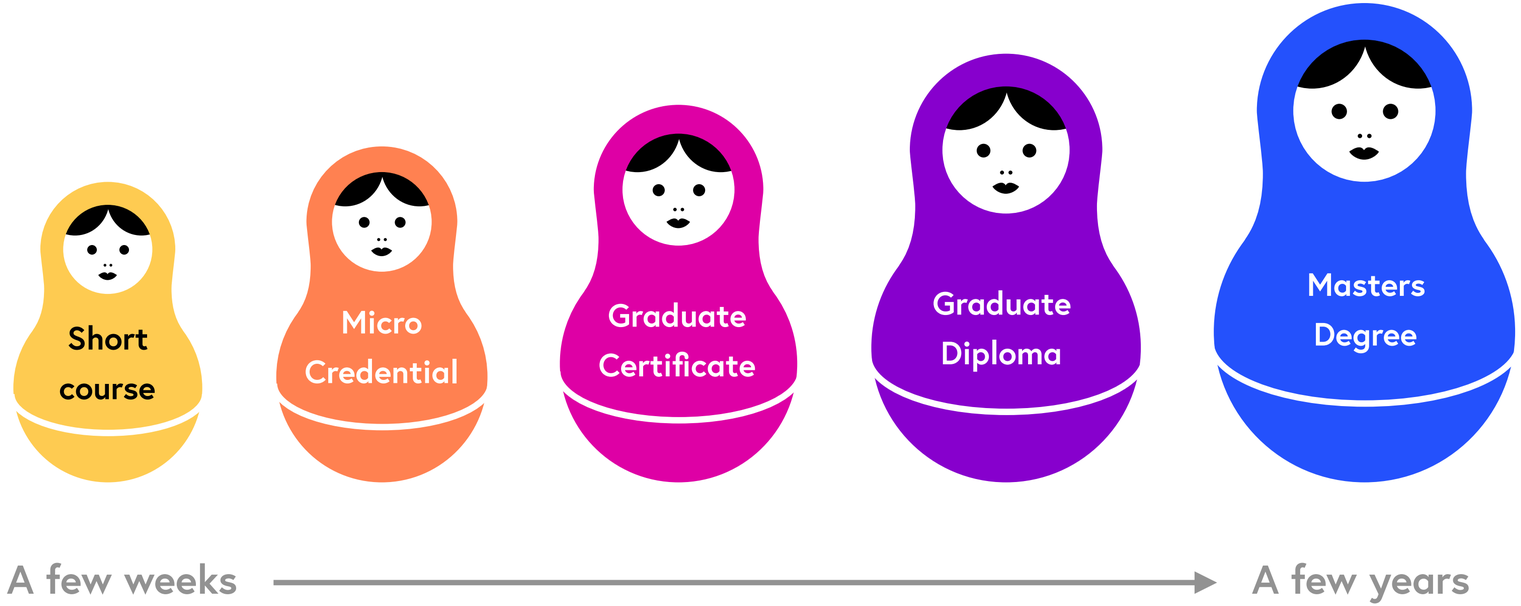
Technology is driving people to re-skill and change jobs throughout their lives

The learner of the 21st century will be a digital learner for life

The digitisation of higher education represents the greatest opportunity the sector has ever had to create global impact…

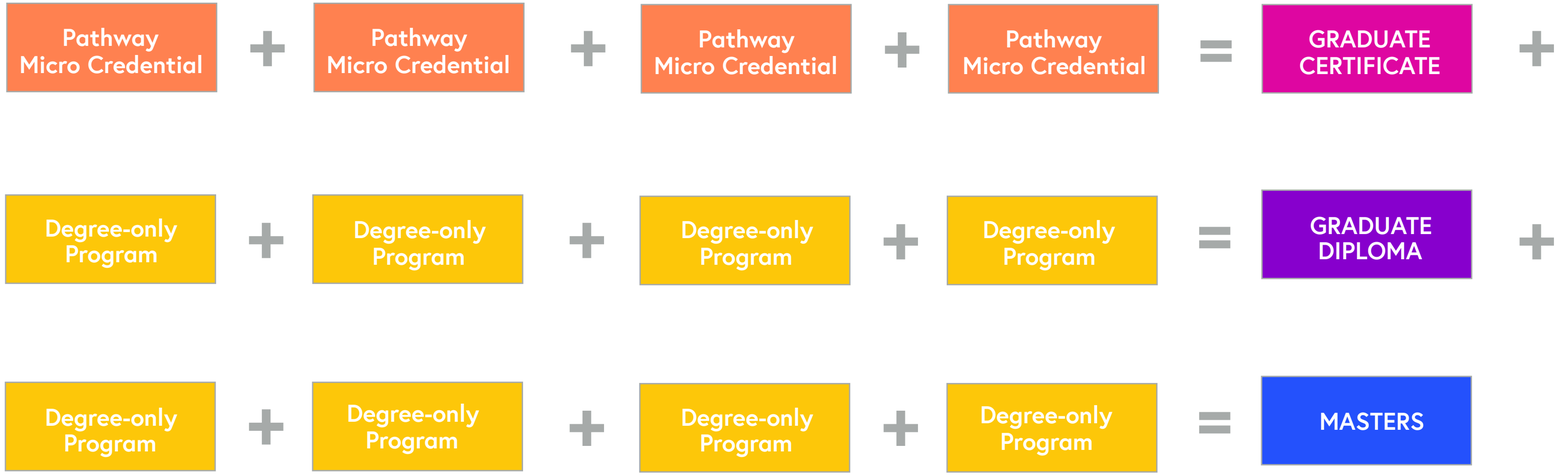
FutureLearn is not just a MOOC platform…

…but a catalyst and an enabler of our partners' digital transformation

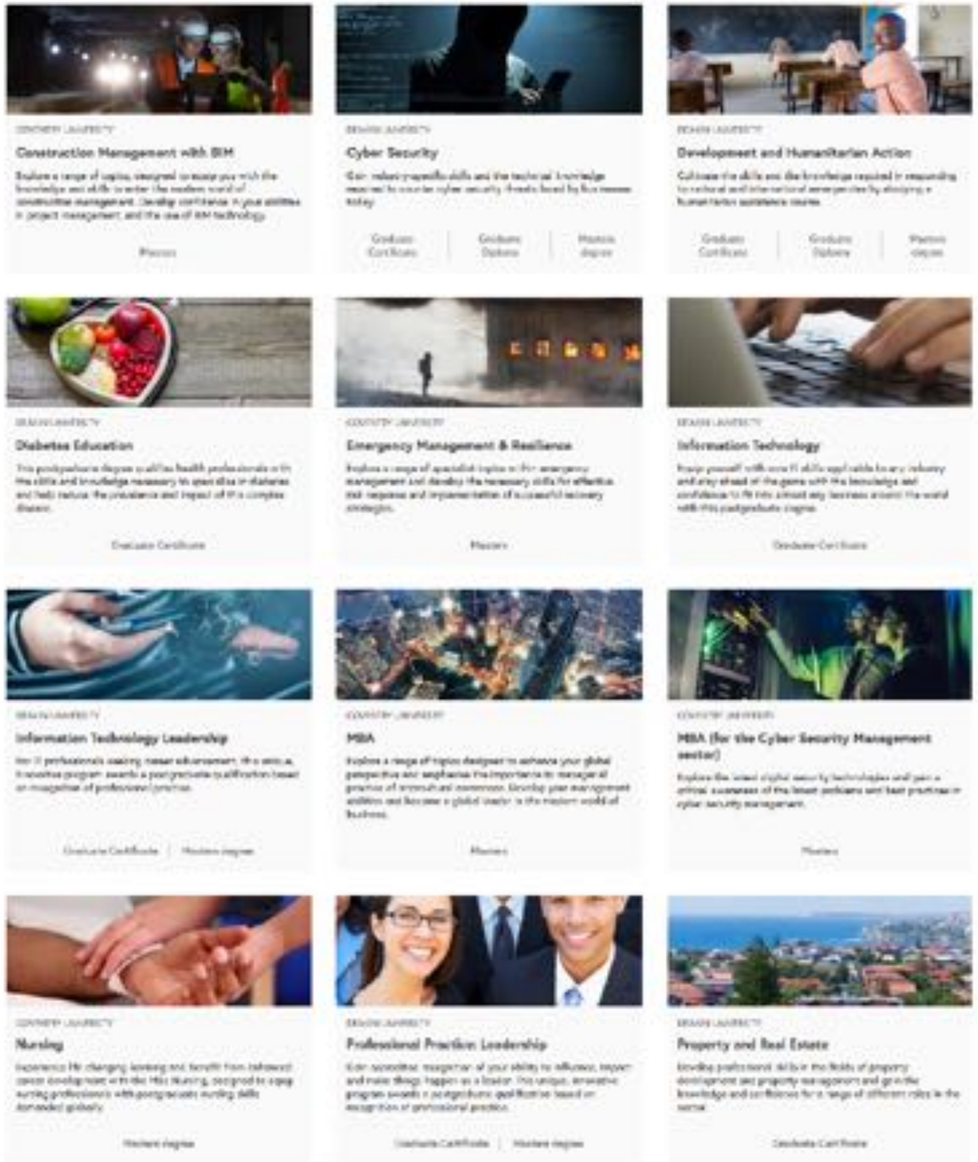


Pay-as-you-go pathways for lifelong learning

Modular design with micro credential pathways



We can also support Masters that require more programs or a research dissertation, built using the same building blocks.



Announced degree partners

DEAKIN UNIVERSITY AUSTRALIA

Coventry University

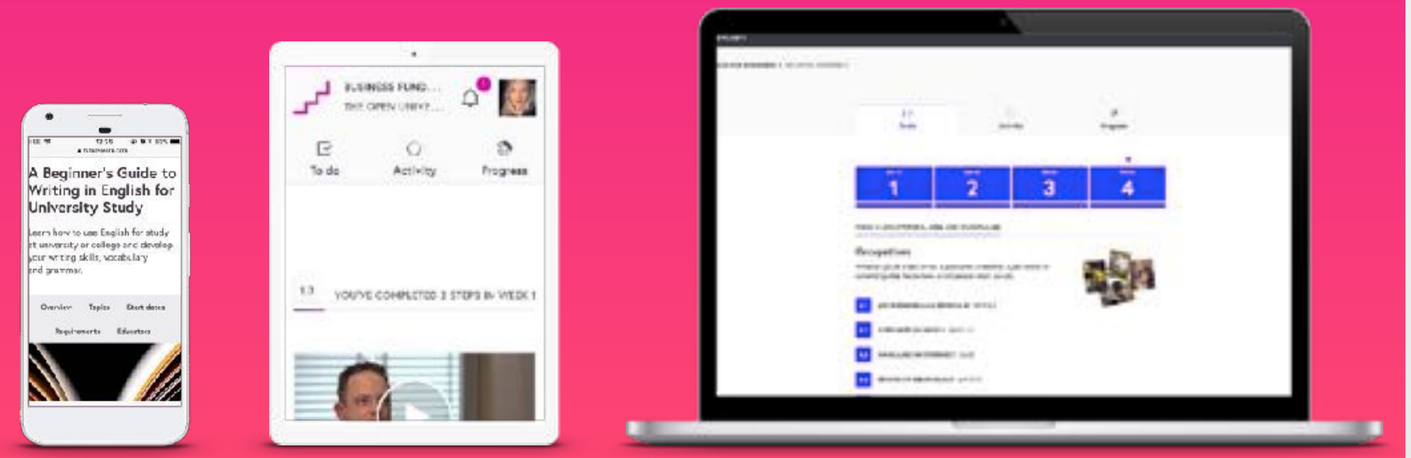
Murdoch UNIVERSITY

The Open University

Growing range of degrees from multiple partners

There are twelve degrees that you can enrol on today, with more common soon…

High Quality Learning Experience

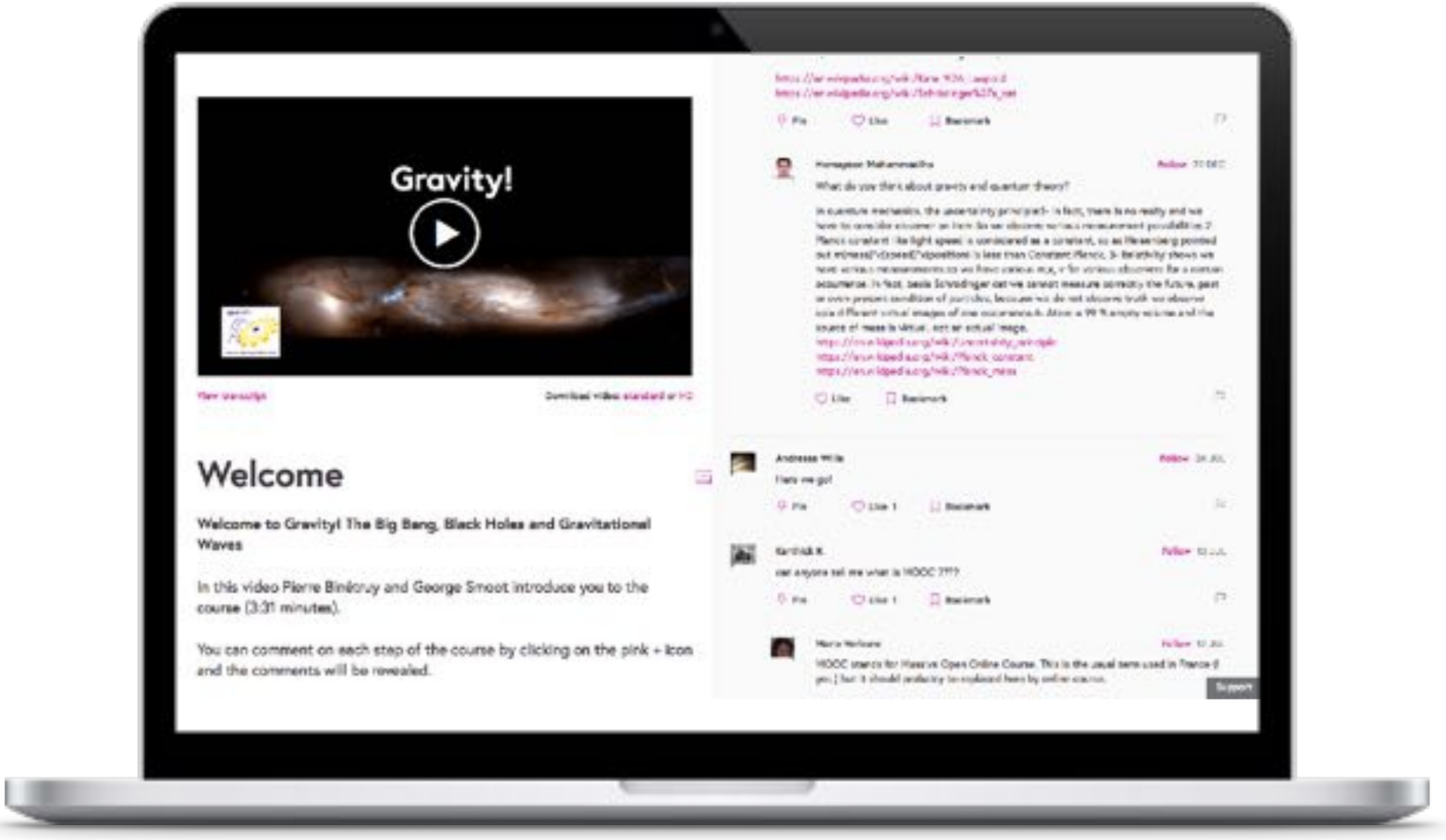


Accessible and Flexible
Effective and Enjoyable
Courses and Qualifications

Gravity!

Gravity! The Big Bang, Black Holes and Gravitational Waves

Image © iStock


Gravity!
Welcome
Welcome to Gravity! The Big Bang, Black Holes and Gravitational Waves
In this video Pierre Binétruy and George Smoot introduce you to the course (3:31 minutes).
You can comment on each step of the course by clicking on the pink + icon and the comments will be revealed.

"The additional reading material suggested on the course and by other learners has been extremely useful…it has been a real privilege to have the likes of George Smoot contributing along the way"

Image © iStock

"I am really grateful to Pierre and all at Paris Diderot for being brave enough to put such an advanced conceptual course on as a MOOC, and for free"

Image © iStock

A global community of Learners

- Over 196 countries
- 60% are female
- 45% are 26-45 years old
- 39% are in full time work

Advancers
Preparers
Explorers
Flourishers
Fixers
Vitalisers
Hobbyists

Learning for life

Social Learning

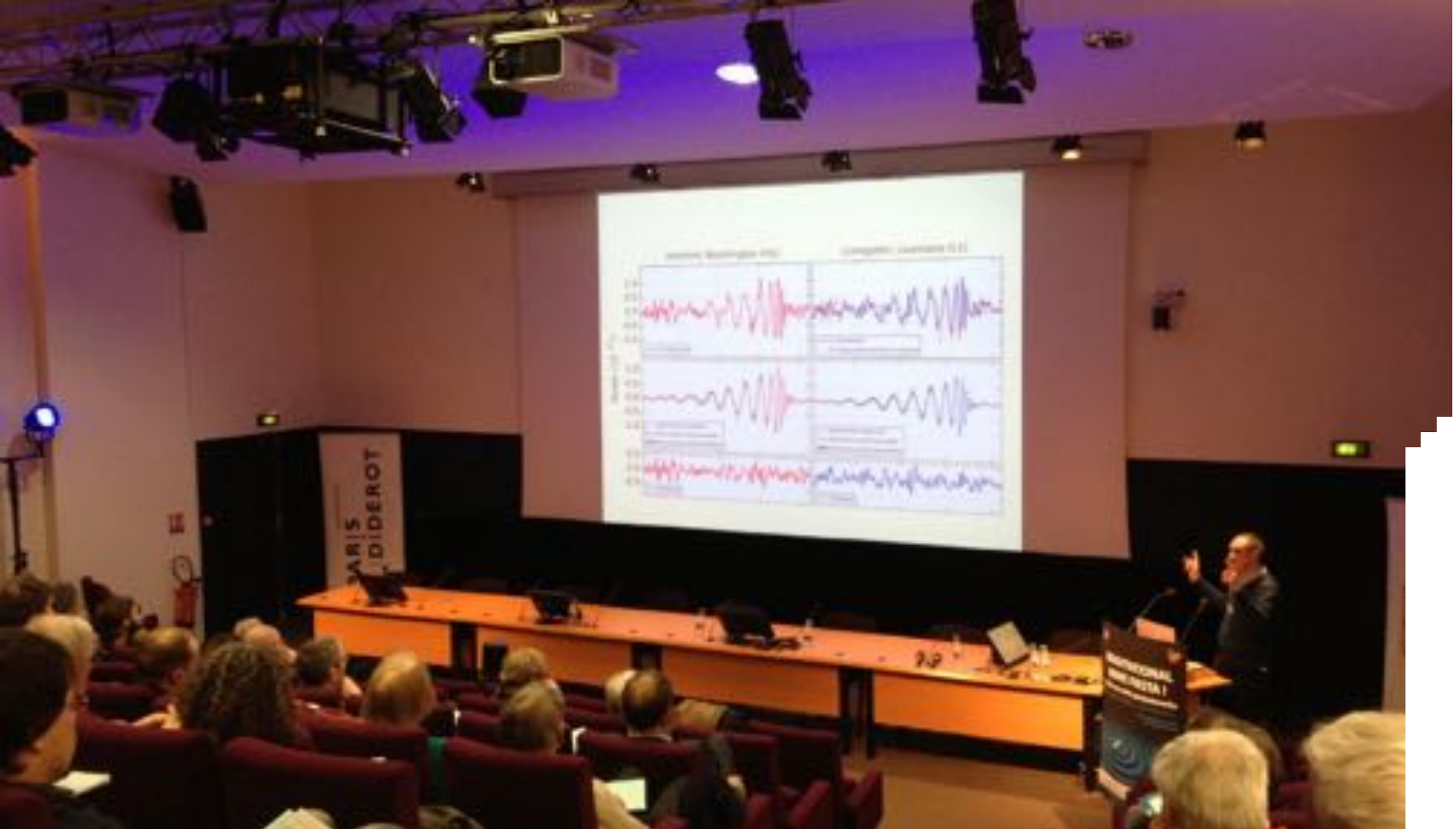
20%
of learners
complete 90%

50%
of learners
are social

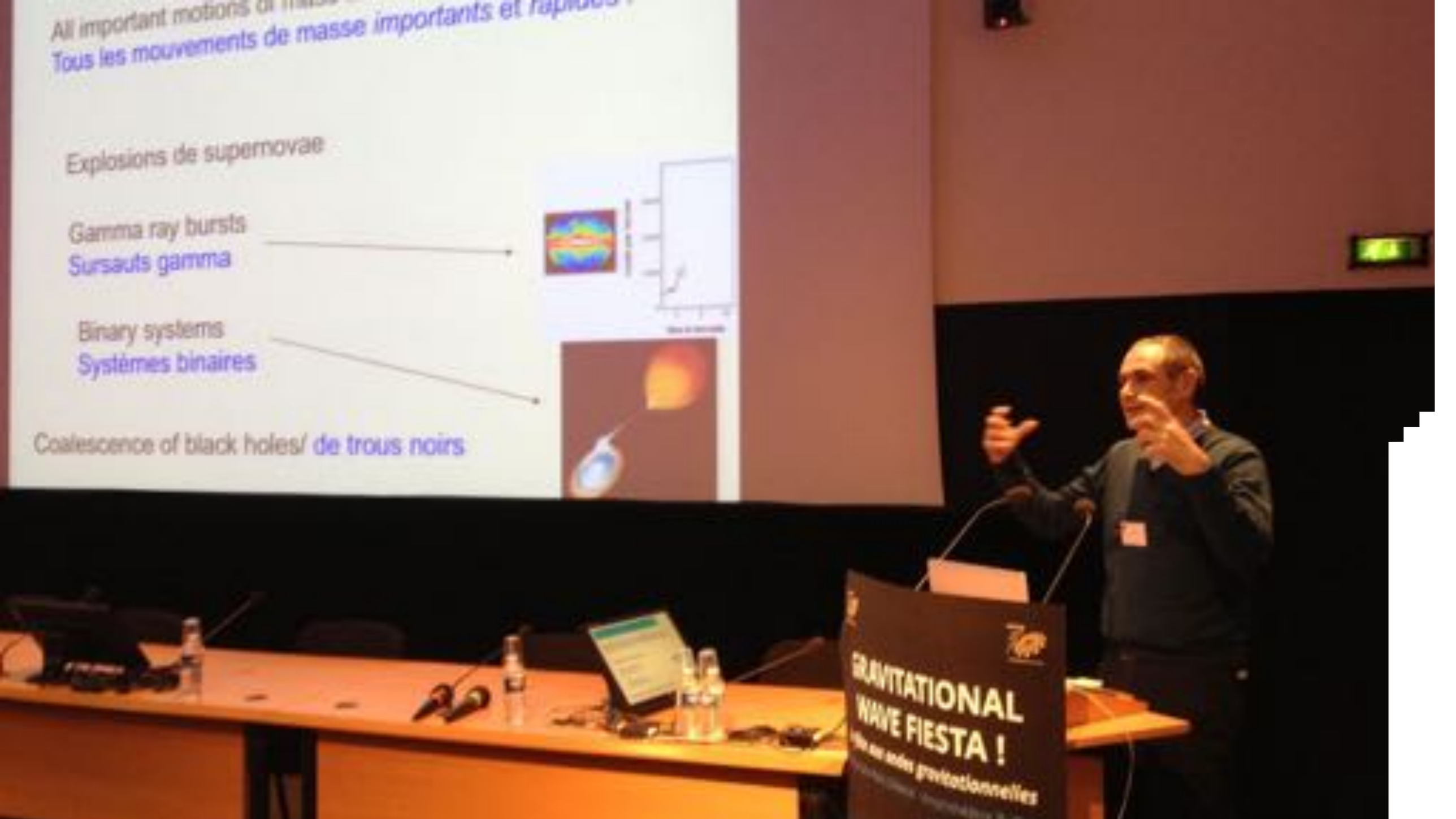
Social
learners are
6X
more likely
to complete

GRAVITATIONAL
WAVE FIESTA !
La fête aux ondes gravitationnelles
Université Paris Diderot - Amphithéâtre Buffon
From 29/02/16 at 09:30
to 01/03/16 at 16:00

RIS
DIDEROT


PARIS
DIDEROT

H1
L1
(a)
PARIS DIDEROT


All important motions of mass
Tous les mouvements de masse importants et rapides
Explosions de supernovae
Gamma ray bursts
Sursauts gamma
Binary systems
Systèmes binaires
Coalescence of black holes/ de trous noirs
GRAVITATIONAL
WAVE FIESTA !

PARIS
DIDER
PARIS 7
Buffon
- institut
Jacques Monod
- amphi de conférences

"This really shows what an incredibly passionate, kind, open and engaging person Pierre was. I feel exceptionally lucky to have worked with him"

A global network of Partnerships

Nearly 150 active partners

Over 20 countries

PARTNERS

We're proud to count 26 world class universities amongst our partners

Future Learn

- The Open University
- University of Bath
- University of Birmingham
- University of Bristol
- Cardiff University Prifysgol Caerdydd
- University of East Anglia
- The University of Auckland New Zealand Te Whare Wānanga o Tāmaki Makaurau
- The University of Edinburgh
- University of Exeter
- University of Glasgow
- King's College London
- Lancaster University
- University of Leeds
- University of Leicester
- University of Liverpool
- Loughborough University
- Monash University
- The University of Nottingham
- Newcastle University
- Queen's University Belfast
- University of Reading
- The University Of Sheffield.
- University of Southampton
- University of Strathclyde Glasgow
- Trinity College Dublin
- The University of Warwick

GLOBAL NETWORK OF PARTNERS

59
UK partners

University of Aberdeen
University of Bath
UCL
University of Exeter
University of Bristol
Royal Holloway University of London
Warwick – The University of Warwick
University of York
University of Liverpool
University of Dundee
Durham University
University of Glasgow
Cardiff University – Prifysgol Caerdydd
UEA – University of East Anglia
King's College London
Lancaster University
University of Birmingham
Loughborough University
Manchester 1824 – The University of Manchester
The University of Edinburgh
The University Of Sheffield.
University of Leeds
The University of Nottingham – United Kingdom · China · Malaysia
The Open University
University of Leicester
University of Reading
University of Southampton
Queen's University Belfast
University of Strathclyde Glasgow
Newcastle University
University of Kent

Houses of Parliament
Raspberry Pi
Into Film
The National Lottery Film Forever
British Library
northumbria University Newcastle – Institute of the Humanities
London School of Hygiene & Tropical Medicine
KLC School of Design
Cambridge English Language Assessment
creative skillset
CIOB Academy
National STEM Learning Centre
St George's University of London
SOAS University of London
The British Museum
Cancer Research UK
British Council
NHS – Health Education England
Middlesex University London
UCAS
Goldsmiths University of London
commonpurpose
NFTS – National Film and Television School
Norwich University of the Arts
gdst – Girls' Day School Trust
Ambition School Leadership

GLOBAL NETWORK OF PARTNERS

57 international partners

- The University of Auckland, New Zealand
- Deakin University
- Shanghai Jiao Tong University
- Monash University
- University of Basel
- UCD Dublin
- Universiteit Stellenbosch University
- 國立清華大學 National Tsing Hua University
- 國立交通大學 National Chiao Tung University
- University of Bergen
- University of Cape Town
- CityU 香港城市大學 City University of Hong Kong
- American University Washington, DC
- The University of Waikato
- TU/e Technische Universiteit Eindhoven University of Technology
- university of groningen
- Universidad de los Andes Colombia
- Hanyang University
- Colorado State University
- UiO University of Oslo
- université Paris Diderot
- Universitat Pompeu Fabra Barcelona
- QUT
- RMIT University
- The Pennsylvania State University
- Sung Kyun Kwan University
- Universidad Complutense Madrid
- אוניברסיטת תל-אביב Tel Aviv University
- Trinity College Dublin The University of Dublin
- University of Twente.
- Purdue University
- UNSW Australia
- Uppsala Universitet
- Keio University
- University of Wollongong Australia
- Yonsei University
- University of Virginia Darden School of Business
- CISAC
- International Federation of Red Cross and Red Crescent Societies
- PRACE
- AACTE American Association of Colleges for Teacher Education
- USB University of Stellenbosch Business School
- ENAC
- Grenoble Ecole de Management
- UNESCO
- esa
- UNESCO
- Università Stranieri Siena
- De Tao Group 德稻
- מכון ויצמן למדע Weizmann Institute of Science
- SISU 1949
- SEI
- HC Andersen Centret The Hans Christian Andersen Centre
- 臺北醫學大學 Taipei Medical University
- EUMETSAT

Collaborate

Innovate

Think
big

Future Learn