Subject: Policy conference: Technology and future of teaching and learning in HE - we think relevant to your work - keynotes: Jisc; Nesta & Sir Anthony Seldon - Westminster Higher Education Forum, Morning, Tuesday, 3rd March 2020

Westminster Higher Education Forum policy conference

The changing role of technology in HE - personalised learning, new approaches to teaching, and preparing students for the changing work environment

with
Dr Paul Feldman, Chief Executive, Jisc
Sarah Knight, Head of Change, Student Experience, Jisc
and
Dr Nisreen Ameen, *Royal Holloway University of London*; **Sam Brenton**, *University of London*; **Mark Christian**, *GiGXR*; **Aftab Hussain**, *Bolton College*; **Priya Lakhani**, *CENTURY Tech*; **Penny Langford**, Milton Keynes College; **Shakira Martin**, *Rose Bruford College*; **Clare Riley**, *Microsoft*; **Sir Anthony Seldon**, *University of Buckingham*; **Dr Chris Sparks**, *Queen Mary University of London;* **Professor Jiun-Huei Proty Wu**, *Ministry of Science and Technology, Taiwan* and *Taipei Representative Office in the UK;* and a senior representative from **Nesta**

Chaired by:
Lord Clement-Jones, Liberal Democrat Lords Spokesperson (Digital)

Follow us @WHEFEvents | **This event is CPD certified**

Morning, Tuesday, 3rd March 2020
Central London

Book Online | Live Agenda | Sponsorship | Our Website | Unsubscribe
Note: fees apply for most delegates, but concessionary and complimentary places are available (subject to terms and conditions - see below).
If you think this conference would be of interest to colleagues please feel free to share this email with them

I am writing to remind you of your invitation to attend the above conference.

It focuses on the impact of technology on teaching and learning in UK higher education - looking at latest developments in policy and in practice in the HE sector, and the potential of newer tech such as AI and augmented reality.

I thought the subject matter might be **relevant to your work** and that the seminar would be of interest.

Delegates will discuss latest thinking on how technological developments are transforming pedagogical practice and the implications for HEIs, their staff and their students - as well as how institutions and their teaching staff will need to adapt in using technology to better prepare students for the future world of work.

It takes place in the context of the Government's *Realising the potential of technology in education* strategy, which includes:
- The setting up of a new edtech Leadership Group; and
- Calls for edtech companies to put forward proposals for improving the university life of students and lecturers.

Delegates will look at what the strategy and government's increased focus on edtech means for HEIs, as well as practical issues involving technology integration, data security, staff training and other costs - and making sure that the use of technology of real benefit in teaching.

Speakers
We are pleased that **Dr Paul Feldman**, Chief Executive, Jisc and **Sarah Knight**, Head of Change, Student Experience, Jisc will be delivering keynote addresses.

Further speakers include: **Sir Anthony Seldon**, *University of Buckingham*; **Professor Jiun-Huei Proty Wu**, *Ministry of Science and Technology*, *Taiwan*; **Dr Nisreen Ameen**, *Royal Holloway University of London*; **Sam Brenton**, *University of London*; **Mark Christian**, *GiGXR*; **Aftab Hussain**, *Bolton College*; **Priya Lakhani**, *CENTURY Tech*; **Penny Langford**, *Milton Keynes College*; **Shakira Martin**, *Rose Bruford College*; **Clare Riley**, *Microsoft*; **Dr Chris Sparks**, *Queen Mary University of London* and a senior representative from **Nesta.**

The expected focus of speakers' opening remarks are outline below.

The agenda
- A student-centred approach to technology in higher education - what's working and key target areas for improvement;
- The vision for Education 4.0;
- Personalised adaptive learning and support - the potential of AI in higher education, implementation issues, and addressing data security and other concerns;
- Enabling new approaches to teaching, and the way forward for updating skills in the teaching workforce;
- Preparing students for a changing work environment; and
- Case studies:
  - The power of simulation - using virtual reality to place students in immersive environments; and
  - Augmented reality in arts and humanities.

The details: areas for discussion at this conference

The policy context, Education 4.0 and the technology challenge for higher education
The discussion comes with increased focus from policymakers on how curricula and teaching practice - in schools, colleges, and through life-long learning - will need to change to prepare young people from all backgrounds to take advantage of future opportunities in digital, robotics, AI, and the wider changing labour market.

We expect discussion to draw on issues raised in the inquiry held by the Education Committee into the [Fourth Industrial Revolution](#), sometimes termed Industry 4.0.

The agenda includes keynote contributions on the vision for Education 4.0 - the education sector's response to Industry 4.0 - including what is working, and key target areas for improvement in the use of technology in teaching practice.

The developing use of AI in teaching and learning
Delegates will examine how AI and data analytics can be utilised in improving the delivery of teaching and the engagement of students.

Sessions also look at challenges surrounding the use of AI in higher education, including security and ethical issues around the accumulation of learner data, as well as consent, and how universities can link up and integrate the tech systems that they use to a greater degree.

Technology and the student experience
Attendees will also discuss how technology is being used to enhance the learning experience, particularly for personalised learning - and in the context of changing student expectations of support for their individual preferences and needs.

Technology in teaching, assessment and to reduce workload
Further sessions consider the use of technology in helping reduce academic workloads and better standardisation of processes in marking - looking at both the improvements already delivered in the quality of feedback provided to students and the practical issues still to be addressed.

The changing role of teaching staff in HE
The agenda looks at the changing role of academics involved in teaching in HEIs, including opportunities in the area of tutorial-style systems of mentoring - as well as the use of interoperable technology systems to promote digital literacy through students acting as co-creators in digital learning.

Discussion will address barriers to maximising the use of learning tech, including limits to the resources for staff training and how staff workload can be further managed to allow academics more time to enhance their digital skills.

Preparing students for the future work environment, and the impact on course structures
Further sessions will look at priorities for designing courses which prepare students for the future world of work, combining digital skills with other critical capabilities to improve graduate employability in light of the Education Committee's Fourth Industrial Revolution inquiry.

We also expect discussion on how teaching systems may need to change, for instance through the interdisciplinary course structures to help draw together and develop the complex skill sets required for Industry 4.0 workplaces.

Speakers and the expected focus of their remarks
- **Dr Paul Feldman**, Chief Executive, Jisc and **Sarah Knight**, Head of Change, Student Experience, Jisc - on 'The vision for Education 4.0' and 'A student-centred approach to technology in education', respectively;
- **Sir Anthony Seldon**, *University of Buckingham* - on the role of AI in HEIs and how technology can be better embedded in the learning environment across disciplines;
- **Professor Jiun-Huei Proty Wu**, Ministry of Science and Technology, Taiwan - on the development of curricula and technology to develop skills sets in the future working environment;
- **Priya Lakhani**, CENTURY Tech - on how greater collaboration can be developed to promote adaptive learning in higher education;
- **Sam Brenton**, University of London - on the strategy and implementation of technology-enhanced learning and learning technologies;
- **Dr Nisreen Ameen**, Royal Holloway University of London - on robotics and AI in teaching and their impact on both student and academic experiences;
- **Clare Riley**, Microsoft - on the role industry can play in up-skilling the academic workforce in order to improve teaching practice and the development of online tools to do so;
- **Dr Chris Sparks**, Queen Mary University of London - on developing technological skills in the humanities;
- **Penny Langford**, Milton Keynes College - on online tools for students to improve technological literacy;
- **Aftab Hussain**, Bolton College - a case study contribution on the introduction of Chatbox at Bolton College - which uses AI to answer student and staff queries;
- **Dr Mark Christian**, GiGXR - on using virtual reality to place students in immersive environments;
- **Shakira Martin**, Rose Bruford College - on the importance of universities providing the equipment and digital skills needed to prepare students' for future jobs; and
- A senior representative from **Nesta** discussing the likely impact of the 4th industrial revolution and how universities can best prepare graduates.

The draft agenda is copied below my signature, and a regularly updated version is available to download here. The seminar is organised on the basis of strict impartiality by the Westminster Higher Education Forum. Follow us @WHEFEvents for live updates.

Speakers

We are delighted to be able to include in this seminar keynote addresses from: **Dr Paul Feldman**, Chief Executive, Jisc and **Sarah Knight**, Head of Change, Student Experience, Jisc.

Further confirmed speakers include: **Dr Nisreen Ameen**, Lecturer in Marketing, Royal Holloway University of London; **Sam Brenton**, Director of Education, Innovation and Development, University of London; **Mark Christian,** Founder, GiGXR; **Aftab Hussain**, ILT Manager, Bolton College; **Priya Lakhani**, Founder and Chief Executive Officer, CENTURY Tech; **Penny Langford**, Head of Digital Learning, Milton Keynes College; **Shakira Martin**, Head of Student Experience, Rose Bruford College and former President, National Union of Students; **Clare Riley**, FE and HE Engagement Manager, Microsoft; **Sir Anthony Seldon**, Vice-Chancellor, University of Buckingham; **Dr Chris Sparks**, Manager, E-Strategy and Taught Programmes Operations, Queen Mary University of London; **Professor Jiun-Huei Proty Wu**, Director, UK Office, Ministry of Science and Technology, Taiwan and Director, Science and Technology Division, Taipei Representative Office in the UK and a senior representative from **Nesta.**

Lord Clement-Jones, Liberal Democrat Lords Spokesperson (Digital) has kindly agreed to chair part of this seminar.

Additional senior participants are being approached.

Networking

Westminster Higher Education Forum seminars present an opportunity to engage with key policymakers and other interested parties, and are CPD certified ([more details](#)). Due to attend are representatives from **Arm Education Media**; **Birmingham City University**; **BTL Group**; **Cambridge Assessment**; **Fashion Business School**; **Kingston University**; **Milton Keynes College**; **NEBOSH**; **SOAS**; **The University of Law** and **University Of West London**.

Typically, attendees at our seminars are a senior and informed group, including Members of both Houses of Parliament, senior officials from BEIS, DfE and other government departments and agencies, university and college leaders; academics and other higher education professionals; learning technology providers, online learning platforms, technology and education consultancies; students' unions, educational charities and academics; along with commentators and reporters from the national and trade media.

Output and About Us

A key output of the seminar will be a transcript of the proceedings, sent out around 12 working days after the event to all attendees and a wider group of Ministers and officials in central government departments affected by the issues; and Parliamentarians with a special interest in these areas. It will also be made available more widely. This document will include transcripts of all speeches and questions and answers sessions from the day, along with access to PowerPoint presentations (subject to agreement with individual speakers), speakers' biographies, an attendee list, an agenda, sponsor information, as well as any subsequent press coverage of the day and any articles or comment pieces submitted by

delegates. It is made available subject to strict restrictions on public use, similar to those for Select Committee Uncorrected Evidence, and is intended to provide timely information for interested parties who are unable to attend on the day.

All delegates will receive complimentary PDF copies and are invited to contribute to the content.

The Westminster Higher Education Forum is strictly impartial and cross-party, and draws on the considerable support it receives from within Parliament and Government, and amongst the wider stakeholder community. The Forum has no policy agenda of its own. Forum events are frequently the platform for major policy statements from senior Ministers, regulators and other officials, opposition speakers and senior opinion-formers in industry and interest groups. Events regularly receive prominent coverage in the national and trade media.

Booking arrangements

To book places, please use our [online booking form](#).

Once submitted, this will be taken as a confirmed booking and will be subject to our terms and conditions below.

Please pay in advance by credit card on 01344 864796. If advance credit card payment is not possible, please let me know and we may be able to make other arrangements.

Options and charges are as follows:
- Places at *The changing role of technology in HE - personalised learning, new approaches to teaching, and preparing students for the changing work environment* (including refreshments and PDF copy of the transcripts) are **£230** plus VAT;
- Concessionary rate places for small charities, unfunded individuals and those in similar circumstances are **£85** plus VAT. Please be sure to apply for this at the time of booking.

For those who cannot attend:
- Copies of the [briefing document](#), including full transcripts of all speeches and the questions and comments sessions and further articles from interested parties, will be available approximately **12 days** after the event for **£95** plus VAT;
- Concessionary rate: **£50** plus VAT.

If you find the charge for places a barrier to attending, please let me know as concessionary and complimentary places are made available in certain circumstances (but do be advised that this typically applies to individual service users or carers or the like who are not supported by or part of an organisation, full-time students, people between jobs or who are fully retired with no paid work, and representatives of small charities - <u>not</u> businesses, individuals funded by an organisation, or larger charities/not-for-profit companies). Please note terms and conditions below (including **cancellation charges**).

I do hope that you will be able to join us for what promises to be a most useful morning, and look forward to hearing from you soon.

Yours sincerely,

Sean

Sean Cudmore
Deputy Editor, **Westminster Higher Education Forum**
01344 864796

Follow us on Twitter @WHEFEvents and Linkedin

www.westminsterhighereducationforum.co.uk

UK Headquarters: 4 Bracknell Beeches, Old Bracknell Lane West, Bracknell, Berkshire RG12 7BW

*The core sponsor of the Westminster Higher Education Forum is: **Unite Students**.*

The parliamentary patrons of the Westminster Higher Education Forum are: Sir David Amess MP, Rt Hon the Lord Baker of Dorking, Rt Hon the Lord Bassam of Brighton, Lord Bilimoria, Paul Blomfield MP, Crispin Blunt MP, Lord Boswell of Aynho, Rt Hon David Davis MP, Baroness Deech, Lord Dixon-Smith, Baroness Donaghy, Baroness Finlay of Llandaff, Baroness Fritchie, Rt Hon the Baroness Garden of Frognal, John Glen MP, Chris Green MP, Lord Hannay of Chiswick, Viscount Hanworth, Rt Hon Dame Margaret Hodge MP, Lord Holmes of Richmond, Baroness Howe of Idlicote, Rt Hon the Lord Hunt of Kings Heath, The Earl of Listowel, Baroness Maddock, Baroness McIntosh of Hudnall, Stephen Metcalfe MP, Rt Hon Nicky Morgan, Baroness Morgan of Huyton, Anne Marie Morris MP, Rt Hon the Baroness Neville-Jones, Baroness Neville-Rolfe, Baroness O'Neill of Bengarve, Lord Renfrew of Kaimsthorn, Lord Roberts of Llandudno, The Earl of Selborne, Lord Shipley, Lord Storey, Lord Triesman, Lord Turnberg, Rt Hon the Lord Wallace of Tankerness, Lord Watson of Invergowrie, Viscount Younger of Leckie, Rt Hon the Lord Young of Graffham and Daniel Zeichner MP. Note: parliamentary patrons take no financial interest in the Forum.

Westminster Higher Education Forum is a division of Westminster Forum Projects Limited. Registered in England & Wales No. 3856121.

To update your preferences or unsubscribe from further marketing emails please click here.

FINANCIAL TERMS AND CONDITIONS: The delegate fee includes copies of the presentations via PDF and refreshments. Cancellation policy is as follows: (1) cancellations 14 or more days before the event: £75+VAT cancellation fee per delegate; (2) cancellations less than 14 days before the event: full fee applies. Promotion cancellation fee applies to all Five for Four offer places. Cancellations must be submitted via the website. If you are unable to submit your cancellation via the website then the cancellation must be notified in writing to the Westminster Higher Education Forum. No charge will be made for replacement delegates. Transfer of any confirmed booking between events is not possible. The organisers reserve the right to alter the programme and change the speakers without prior notice. The Westminster Higher Education Forum is unable to grant extended credit and therefore must request that full payment be made within 30 days from the date of invoice; immediate payment on receipt of invoice less than 14 days before the event. Should payment not be received within the stated terms, the Westminster Higher Education Forum will apply an administration charge of £40+VAT.

Westminster Higher Education Forum policy conference
The changing role of technology in HE - personalised learning, new approaches to teaching, and preparing students for the changing work environment
Timing: Morning, Tuesday, 3rd March 2020
Venue: Central London

Draft agenda subject to change

8.30 - 9.00	Registration and coffee
9.00 - 9.05	**Chair's opening remarks** **Lord Clement-Jones**, Liberal Democrat Lords Spokesperson (Digital)
9.05 - 9.15	**The vision for Education 4.0** **Dr Paul Feldman**, Chief Executive, Jisc
9.15 - 9.25	**A student-centred approach to technology in education - what's working and key target areas for improvement** **Sarah Knight**, Head of Change, Student Experience, Jisc
9.25 - 9.40	Questions and comments from the floor
9.40 - 10.15	**Personalised adaptive learning and support - the potential of AI in higher education, Implementation issues and addressing data security and other concerns** **Sir Anthony Seldon**, Vice-Chancellor, University of Buckingham **Priya Lakhani**, Founder and Chief Executive Officer, CENTURY Tech **Dr Nisreen Ameen**, Lecturer in Marketing, Royal Holloway University of London **Aftab Hussain**, ILT Manager, Bolton College Questions and comments from the floor
10.15 - 10.50	**Case studies - the changing use of technology HE** *The power of simulation - using virtual reality to place students in immersive environments* **Mark Christian**, Founder, GiGXR *Augmented reality in the arts and humanities* Senior representative, university Questions and comments from the floor
10.50 - 10.55	**Chair's closing remarks** **Lord Clement-Jones**, Liberal Democrat Lords Spokesperson (Digital)
10.55 - 11.20	Coffee
11.20 - 11.25	**Chair's opening remarks** Senior Parliamentarian
11.25 - 12.05	**Technology and enabling new approaches to teaching, and the way forward for updating skills in the teaching workforce** **Dr Chris Sparks**, Manager, E-Strategy and Taught Programmes Operations, Queen Mary University of London **Clare Riley**, FE and HE Engagement Manager, Microsoft **Sam Brenton**, Director of Education, Innovation and Development, University of London Questions and comments from the floor
12.05- 12.55	**Preparing students for a changing work environment** **Professor Jiun-Huei Proty Wu**, Director, UK Office, Ministry of Science and Technology, Taiwan and Director, Science and Technology Division, Taipei Representative Office in the UK **Shakira Martin**, Head of Student Experience, Rose Bruford College **Penny Langford**, Head of Digital Learning, Milton Keynes College Senior representative, **Nesta** Questions and comments from the floor
12.55 - 13.00	**Chair's and Westminster Higher Education Forum closing remarks** Senior Parliamentarian **Sean Cudmore**, Deputy Editor, Westminster Higher Education Forum