

**Post-Conference Event 2021**  
**Artificial Intelligence: Changing the Classroom Landscape**

Time	What		
09.30 – 10.00	<b>Networking</b>		
10.00 – 10.10	Welcome from the SIG coordinator		
10.15 – 11.00	<b>The implications of AI for language learning and teaching (RECORDING)</b> Rose Luckin (University College London)		
11.15 – 12.00	<b>What lies at the end of the AI rainbow?</b> Glyn Hughes (Cambridge Assessment English)		
12.15 – 13.00	<b>Session 1</b> <b>Anna Weninger</b>  PowerAutomate MS365 for Teachers	<del><b>Session 2</b></del> <del><b>Federico Espinosa (Busuu)</b></del>  <del>AI and Language Learning at Busuu</del>  Cancelled	<b>Session 3</b> <b>Giuseppe Tomasello (Edugo.ai)</b>  Next Generation of AI-Language Education Software: NLP & Language Modules (GPT3)
13.00 – 14.00	<b>Lunch</b>		
14:00 – 14.45	<b>Session 1</b> <b>Jing Xu (Cambridge Assessment English)</b>  Understanding automated assessment of speaking	<b>Session 2</b> <b>Carole Arbogast and Johanna Hemminki (Elias Robot)</b>  Robots and language learning	<b>Session 3</b> <b>James Bryce Speech Intelligence and 'Gweek'</b>  Speech and communication up-skilling, using human and machine
14.45 – 15.45	<b>Coffee break/Exhibition/Q&amp;A session</b> Exhibition / networking and a chance to browse sponsor materials		
15.45 – 16.45	Panel discussion, reflection and wrap up of the day – hearing from delegates and speakers about their experience.		
16.45 – 17.00	Closing comments		

\*The timing of the afternoon programme may alter slightly nearer the time of the event, but the event will start and finish at the times written below\*

10.15 – 11.00



## The implications of AI for language learning and teaching (RECORDING)

Rose Luckin (University College London)

### Abstract:

In this talk, I will provide a brief introduction to AI, and I will outline some of its implications for educators. I will discuss the ways in which AI can be used to support language learning and teaching, both through the use of language learning applications and through the use of data and analytics. I will also address the need for education and training to re-think what and how we teach and learn in order to respond to the Fourth Industrial Revolution that is changing the way we work and live.

### Short Bio:

**Rosemary Luckin** is a UCL Professor whose research involves blending theories from the learning sciences with techniques from Artificial Intelligence. She is the author of 'Machine Learning and Human Intelligence: The future of education in the 21st century (2018); Director of EDUCATE: a London hub for Educational Technology StartUps, Specialist Adviser to the UK House of Commons Education Select Committee; Co-founder of the Institute for Ethical AI in Education; a member of the UK Office for Students Horizon Scanning panel, adviser to the Topol review into the NHS workforce; one of the 20 most influential people in Education (Seldon List 2017).

11.15 – 12.00



### What lies at the end of the AI rainbow?

Glyn Hughes (Cambridge Assessment English)


#### Abstract:


AI in education holds out the promise of personalised learning, adjusting what we give learners according to what they need to learn and keeping them motivated by giving them content that is of interest to them. A common reply from teachers is that 'we already do that'. Also, teaching and learning are profoundly complex, socially mediated activities, as, of course is successfully communicating in English. With all this in mind, we'll then discuss the fact that many of the opportunities offered by AI in education are incremental rather than transformative, building on the work that teachers already do and supporting them to do it even better, and we'll look at some of the approaches we are taking at Cambridge.


#### Short Bio:

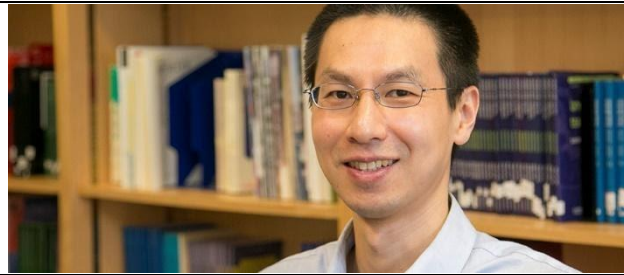
**Glyn Hughes** is Head of Assessment Quality and Validity at Cambridge Assessment English. Glyn and his team work to ensure that the wealth of research knowledge and expertise in our organisation is embedded in our products. As part of this role, Glyn is heavily involved in projects that are looking to use data insights to provide better feedback to learners and their teachers about the progress they are making.



In his time at Cambridge, Glyn has worked on a number of products and services, including Cambridge English Qualifications and IELTS. Before joining the organisation, Glyn gained extensive experience in language teaching, language school management, and teacher training, working in Ukraine and Hungary. Glyn holds a masters' degree in Applied Linguistics from Aston University.

12.15 – 13.00	Session 1	
<b>PowerAutomate MS365 for Teachers</b>		
Anna Wenninger		
<b>Abstract:</b>		
Everything you need to know how to automate your tasks using M365		
<b>Short bio:</b>		
<p><b>Anna Weninger</b> studied Computer Science and English (Teaching Degree) and has been working in the IT sector since 2006. Throughout these years, she worked in different industries and IT roles within diverse technological contexts, with a general passion for Unix and Python as well as IT education. Since November 2020, she has been focusing exclusively on Microsoft 365 adoption and automation.</p>		


12.15 – 13.00	Session 2	
<b>AI and Language Learning at Busuu</b>		
Busuu (Federico Espinosa)		
<b>Abstract:</b>		
<p>Busuu is a leading language learning platform that strives to bring intelligent learning through AI to its users. In this workshop, we will dive into how we have done this by showcasing our Smart Review and Smart Remediation features. We will focus on what is currently possible in Language Learning focused AI, as well as highlight the important points where human experts and teachers are essential to the building of these tools.</p>		
<b>Short bio:</b>		
<p><b>Federico Espinosa</b> is Director of Learning Design at Busuu, overseeing the content and future direction of the course content for self-study and live lessons across all languages, as well as advising on the overall learning experience of the platform.</p> <p>Before joining Busuu, he was the Education Lead for Mrs. Wordsmith, an illustrated vocabulary product, and managed implementation partnerships for Knewton, helping build AI-driven adaptive learning e-learning products for major educational companies in the EMEA region.</p> <p>He holds an MA with Distinction from the University of Birmingham in Applied Linguistics, specialising in cognitive linguistics applied to autonomous online language learning, and has previously taught English in the USA, Guinea, Liberia, France, Czech Republic, and Lebanon.</p>		

12.15 – 13.00	Session 3	
<b>Next Generation of AI-Language Education Software: NLP &amp; Language Modules (GPT3)</b>		
Giuseppe Tomasello (Edugo.AI)		
<b>Abstract:</b>		
<p>Artificial Intelligence (AI) and Natural Language Processing (NLP) have become powerful tools that can be used to build the next generation of Language Learning Software. In this workshop, we will explore:</p> <ul style="list-style-type: none"> <li>- Language Models as the next generation of AI tools, in order to create an AI English Teacher; we will use GPT3 technology, the most advanced language model in the world, and will show the application of the technology in different use cases.</li> <li>- Starting from different multimedia material, how to digitalize your language content and create relevant pedagogical material with interactive exercises for students, with the support of Edugo.AI Platform.</li> </ul>		
<b>Short bio:</b>		
<p><b>Giuseppe Tomasello</b> (<a href="https://www.linkedin.com/in/giuseppe-tomasello/">https://www.linkedin.com/in/giuseppe-tomasello/</a>), Founder and CEO of Edugo.AI, and Co-Funder of the European China Federation for Artificial Intelligence, is now on the mission to bring a user-centric approach in the development of digital learning solutions for language schools. Giuseppe's main skill is to bridge the world of academic research and cutting-edge deep technology to real products that are easy to use and solve real problems for students, teachers, and school managers. Giuseppe and Edugo.AI have been recently awarded as the "Best Startup Pitch Competition" in the first European Online Forum within WAIC 2021, The World Artificial Intelligence Conference.</p>		

14:00 – 14:45	Session 1	
<b>Understanding automated assessment of speaking (RECORDING)</b>		
Jing Xu (Cambridge Assessment English)		
<b>Abstract:</b>		
<p>The rapid advances in speech recognition and machine learning technologies have fostered the development of automated assessment of speaking, in which learner speech is scored by computer algorithms rather than trained examiners. This talk aims to demystify automated assessment of speaking. It will also address how an ordinary test user can evaluate the suitability of automated assessment for their proposed test uses.</p>		
<b>Short Bio:</b>		
<p><b>Dr Jing Xu</b> is a Principal Research Manager in the Research and Thought Leadership division of Cambridge Assessment, University of Cambridge. He received his PhD in Applied Linguistics and Technology from Iowa State University. Jing began his career as an English language teacher in China. Before joining Cambridge Assessment, he worked as a Program Assistant for the Oral English Certification Test at Iowa State University and a research intern at Educational Testing Service. His current research focuses on L2 speaking assessment, automated scoring and feedback, computer-assisted language learning, and validity theory. Jing is a recipient of the Jacqueline A. Ross Dissertation Award presented by the Educational Testing Service and a co-recipient of the Best Article Award presented by the International Language Testing Association. He is currently serving on the Editorial Board for the Language Assessment Quarterly journal.</p>		

14:00 – 14:45	Session 2	 
<b>Robots and language learning</b>		
Carole Arbogast	Johanna Hemminki	(Elias Robot)
<b>Abstract:</b>		
<p>Elias Robot is an AI-powered language learning application that is based on a Voice User Interface. It provides an engaging way to practise speaking skills by interacting with a humanoid robot or with any voice enabled device such as your smartphone or laptop.</p> <p>In this workshop, you will learn how to use our lesson editor to create your own material. It will include exercises based on listening and repeating words and phrases, as well as creating custom dialogues with Elias. We will wrap up by testing some of the newly created lessons with the robot.</p>		
<b>Short Bio:</b>		
<p><b>Carole Arbogast</b> is a full-stack web developer and co-founder of Elias Robot. She has a background in English linguistics and has worked as an EFL teacher. Her interests include education, languages, and technology. At the moment, she is working on the development of Elias App, an AI-powered application to learn language by speaking.</p> <p><b>Johanna Hemminki</b> is a leading specialist in robot-assisted language learning in Finland. Her passion is to develop new ways to learn languages and help people to communicate better with the help of robots and AI. She is a CEO and co-founder of Elias Robot, an award-winning company specialized in robotic solutions for education.</p> <p>Elias Robot has been selected as a TOP3 Remote Schooling solution in Europe by the IMPACT EdTech, the program funded by the European Commission, and as “The Product of the Year” at the global NAO Congress 2020. Prior to founding Elias Robot, Johanna has spent over 15 years developing educational institutions, training teachers in education technology and teaching Finnish language.</p>		



14:00 – 14:45	Session 3	
<b>Speech and communication up-skilling, using human and machine.</b>		
James Bryce		
<b>Abstract:</b>		
<p>The Founder of Speech Intelligence, James Bryce, will lead a 30-minute SpeechGym. The workshop will exercise the essentials around clarity of expression and confidence of voice, including a demo of 'Gweek', an award-winning communication skills technology.</p> <p>The SpeechGym workshop will unpack techniques that you can take straight back into the classroom. Join us and explore your Speech Intelligence!</p> <p>The workshop will conclude with examples on 1) how teachers can take speech and communication up-skilling into the classroom and 2) encourage students to develop their skills outside the classroom.</p>		
<b>Short bio:</b>		
<p><b>James Bryce</b> is the Founder of Speech Intelligence and 'Gweek' and has 20 years of experience in speech and communication up-skilling. James is a former Royal Marines Commando and holds a BA Double Honours in Chinese from the University of Durham and People's University, China.</p> <p>Speech Intelligence offers Communication Skills-as-a-Service to Schools, Universities, and Companies. Their pedagogy and technology support teachers and students globally.</p> <p>Awarded Best Innovation in AI at CognitionX in the UK two years running. Recipient of the Evidence-Aware' Edward', from EDUCATE, Institute of Education, University College London (UCL).</p>		