

NEW DIRECTIONS: EMBRACING THE POWER OF AI IN SECONDARY EDUCATION

Keynote Speakers

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CONFERENCE FOCUS

Artificial Intelligence and its potential impact on the future of secondary education have been frequent educational headlines in 2023.

With the Government launching their call for evidence in June 2023 there has never been a more important time to consider the possibilities of AI, the risks, ethical considerations and training for teachers and school staff.

This innovative conference is a must for school leaders and teachers who are eager to explore and find out more about the capability AI has to revolutionise our schools. The conference brings experts and practitioners from the field of AI, who will share their insights, success stories, and innovative approaches of how to embrace AI in secondary education.

This vibrant and exciting conference will address and examine the key challenges and opportunities school leaders are facing in the wake of the AI revolution, providing strategies and approaches to ensure schools are prepared for successful AI use in the classroom and beyond. The conference includes sessions on the very latest, new directions and emerging trends in AI and education, leading whole school AI implementation, pedagogical approaches to using generative AI in the classroom and how AI can help identify vulnerable students at risk of exploitation.

BENEFITS OF ATTENDING

- Hear from leading experts and practitioners who are driving developments and practices in Artificial Intelligence in education
- Explore the cutting-edge trends and emerging developments of AI in education
- Identifying risks, overcoming challenges, and forging a path forward to implement AI use in schools
- Discover how AI can help to reduce teacher workload
- Find out more about the benefits AI can bring to student assessment
- Learn more about how to ensure a pedagogical approach to using generative AI in the classroom
- Gain an understanding of the interplay between explicit and tacit knowledge with automated systems for safeguarding children

WHO SHOULD ATTEND?

- Headteachers and Principals
- Senior Leaders
- Directors/Heads of Digital Learning
- Heads of Department
- Heads of Year
- Designated Safeguarding Leads
- School Governors

PROGRAMME

TIME

Introduction & Welcome

Steve Smith *Head of Professional Development, Keynote Educational*

10.00 - 10.10am

AI & Secondary Education - What's going on? New Directions, Emerging Trends and Latest Learning

- Explore the cutting-edge trends and emerging developments of AI in education
- Gain an understanding of AI, including machine learning, generative AI and ethical and legal considerations
- Discover the wide-ranging opportunities and obstacles brought about by the advancements in AI for schools, leaders, teachers and students

Miles Berry *Professor of Computing, University of Roehampton, London*

10.10 - 10.50am

BREAK

10.50 - 11.10am

Leading Whole School AI Implementation

- Developing a comprehensive whole school AI implementation plan
- Addressing infrastructure needs, data management, and providing staff training
- Identifying risks, overcoming challenges, and forging a path forward
- Establishing policies and processes to ensure ethical use of AI
- Teachers v Students - getting the pace of AI implementation right

Rachel Evans *Director of Digital Learning and Innovation, Wimbledon High School, London*

11.10 - 11.50am

PROGRAMME	TIME
<p>3A: The Possibilities of AI for Teachers</p> <ul style="list-style-type: none"> ● Is there really a threat posed by AI on the future of teaching? ● Can AI reduce teacher workload? ● How can AI help with planning? ● How can AI help with marking? ● How can AI help with feedback? <p>Laura Knight <i>Director of Digital Learning, Berkhamsted Senior School, Hertfordshire</i></p>	11.50 - 12.30pm
<p>3B: AI-Powered Tools and their Impact on Assessment</p> <ul style="list-style-type: none"> ● How might AI impact on assessment? ● Student use of AI in raising the bar of academic work ● Teachers, AI and assessment ● AI and the Teaching, Learning and Assessment cycle: looking to the future ● Utilising AI for analysing and preparing assessment data for inspections <p>Gary Henderson <i>Director of IT at Millfield School, Somerset</i></p>	11.50 - 12.30pm
LUNCH	12.30 - 1.30pm
BREAKOUT STRAND 1	
<p>1A Chat GPT and Beyond: A Pedagogical Approach to Using Generative AI in the Classroom</p> <ul style="list-style-type: none"> ● How can generative AI be used effectively in lesson planning and delivery? ● Using generative AI to design purposeful, personalised and dynamic learning experiences ● Practical strategies to use AI to foster critical thinking, and ignite curiosity <p>Rachel Evans <i>Director of Digital Learning and Innovation, Wimbledon High School, London</i></p>	<p>1B A Case Study in AI Staff Development</p> <ul style="list-style-type: none"> ● Employing research driven and developmental training to all teaching staff ● How to deliver CPD and ensure all your staff are on the same page ● How to engage and motivate staff reluctant to embrace AI technologies <p>Laura Knight <i>Director of Digital Learning, Berkhamsted Senior School, Hertfordshire</i></p>
BREAK	2.20 - 2.30pm
BREAKOUT STRAND 2	
<p>2A AI, Data, Data Privacy and Data Protection</p> <ul style="list-style-type: none"> ● An insightful look into the transformative role of generative AI and the related data management considerations ● The “ethical” implications of AI implementation, specifically with respect to data privacy and protection ● Exploring safeguarding student information while harnessing the potential of AI technology ● The importance of risk assessing AI data requirements and evidencing compliance with GDPR <p>Gary Henderson <i>Director of IT at Millfield School, Somerset</i></p>	<p>2B The Power of AI to Identify and Protect Vulnerable Students at Risk of Exploitation</p> <ul style="list-style-type: none"> ● The interplay of explicit and tacit knowledge with automated systems for safeguarding children ● A sociotechnical system: combining cutting edge technologies and professional instinct ● Exploring the barriers of using AI in safeguarding – poor data, algorithmic bias ● The human-centred approach, essential for successful safeguarding – the gut feeling, the instinct <p>Stephen Anning <i>Product manager for CESIUM, Trilateral Research</i></p>

Keynote Speakers

Miles Berry is Professor of Computing Education at the University of Roehampton, London, where he runs the secondary PGCE in computing, teaches on the University's digital media degree and is a member of the University's AI working group. Prior to joining Roehampton, he spent 18 years in four schools, much of the time as an ICT coordinator and most recently as a head teacher. He has contributed to a number of computing related projects including England's national curriculum computing programmes of study. He gave evidence to the House of Lords AI select committee, was an expert advisor to the US-based AI4K12 project and chairs the National Centre for Computing Education's academic board.

Rachel Evans is the Director of Digital Learning and Innovation at Wimbledon High School (GDST) and works with teachers to evaluate the use of technology for teaching and learning, implementing evidence-based practices. She is passionate about using technology in an authentic way, keeping human relationships at the heart of learning, with a particular interest in the use of technology to allow students to develop skills of effective collaboration and creative problem-solving. Recognised for excellence in the use of technology in education, WHS has been a Microsoft Showcase School for six years and won the 2020 TES Independent Schools Award for Best Use of Technology. Rachel is also a Trustee of Folio Education Trust where she acts as Lead Trustee for Digital Learning and chairs the Education Committee.

Laura Knight is Director of Digital Learning at Berkhamsted School. She has been working as a teacher for twenty years and is responsible for leading the strategic development of technology for teaching and learning, staff training in digital skills, and online safeguarding. She is a disruptive thinker, keynote speaker, coach, and consultant, and is passionate about creative problem-solving. She supports leaders and teachers with exploring the art of the possible, and leverages technology to improve outcomes, systems, and teams, she also has a keen interest in policy, governance, and regulation. She works with the Independent Schools Council Digital Advisory Group, and is a founding member of the Bourne - Epsom Protocol; a national cross-sector working group on AI in education. She has also recently worked as an expert advisor to international governments on educational policy, and supports the ISA and ISBA with training and digital expertise.

Gary Henderson is currently Director of IT at Millfield School. He has worked in education for over 20 years, initially as a teacher in the UK before periods working in further and higher education, international schools in the Middle East. He is passionate about the potential of technology in teaching and learning, and has led various technology projects as a teacher, middle leader, senior leader and educational consultant. This has also led him to present at several conferences both in the UK and in the Middle East. Leading the IT Services Team in Millfield in Somerset, his focus is on providing technology services which enable student learning, while cyber security, data privacy, online safety and ethics in relation to technology use are all subjects he is keenly interested in and issues he believes need to be more openly discussed with students in schools.

Dr Stephen Anning is the product manager for CESIUM at Trilateral Research, a new AI application for safeguarding children. He joined Trilateral Research following his PhD, several years working for IBM with UK Police and a career in the British Army. CESIUM has been successfully piloted with Lincolnshire Safeguarding Partnership and as product manager is keen to work with local safeguarding partnerships to show the potential of AI to improve how we safeguard children. Trilateral Research is a company who believes in tackling complex social problems with ethically developed technology, applying the rigour of research to drive methodological innovation into products and services. This continuous innovation ensures that they are always at the forefront of advancements in Ethical AI, emerging regulations, and standards.



“ Excellently delivered, exciting and full of practical strategies. Lots to think about, as always with interesting topics and excellent strategies paired with practical advice. ”

Merchants' Academy
March 2023

“ Excellent speakers, venue and atmosphere. Excellent insight into other school's approaches, lots of ideas to implement. ”

Mill Hill School
June 2023

“ Enjoyed immensely, lots to consider and reflect upon my own setting. Great speakers and a fantastic range of sessions to choose from. ”

University Teaching College
June 2023

COSTS

1st delegate rate	£349 + VAT
2nd delegate rate	£329 + VAT
3rd delegate rate	£309 + VAT

Costs include:

- All speaker presentations for all sessions
- Full set of conference notes, materials and resources
- Sit down 2-course lunch in the restaurant
- Refreshments upon arrival, mid-morning break and afternoon break

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