# The Transformative Power of Artificial Intelligence: Revolutionizing Health Professions Education – a one day AI Symposium

**Date:** Sunday 25th August
**Time:** 0830-1630hrs

## INVITATION TO ATTEND

Dear Colleagues and Innovators in Health Professions Education,

I am thrilled to extend a personal invitation to you to participate in our upcoming AI Symposium, "The Transformative Power of Artificial Intelligence: Revolutionizing Health Professions Education," scheduled for AMEE 2024 in Basel. As the Chair of the Technology Enhanced Learning Committee, I am excited to showcase how AI is shaping the future of healthcare education and to offer a platform for like-minded professionals to explore and exchange groundbreaking ideas.

This year's symposium is packed with innovative sessions, including exploring the fundamentals of AI in education, the integration of AI into personalized learning, and the ethical dimensions of AI technologies. Each session is designed to be highly interactive and will provide valuable insights into the practical application of AI across different facets of health professions education.

Whether you are an educator, a researcher, or an administrator, this symposium will offer you a unique opportunity to engage with leading experts and to enhance your understanding and application of AI in your work. We will delve into cutting-edge topics such as AI-driven simulations, data-driven curriculum enhancements, and the future trends that will shape our practices and professions.

Join us for this transformative experience to not only gain in-depth knowledge but also to network with peers and thought leaders from around the globe. Together, we will explore the vast potential of AI to enhance educational outcomes and advance our field.

Please mark your calendars and stay tuned for more details on registration and session schedules. I look forward to welcoming you to Basel and to an inspiring exchange of ideas that will set new benchmarks in health professions education.

Daniel Salcedo, MD, MHPE
Chair, Technology Enhanced Learning Committee
AMEE 2024 AI Symposium

# PROGRAMME

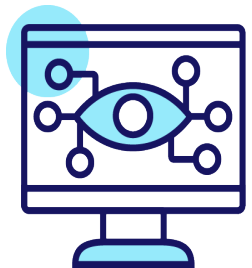### Session 1: Fundamentals of AI in Health Professions Education

Discover the Building Blocks of AI:  Dive into the world of AI with a session designed to unfold the mysteries of machine learning, natural language processing, and their revolutionary applications in education. Begin your journey at the core of AI technologies and explore how they are reshaping the landscape of health professions education. Whether you're a novice or looking to refine your knowledge, this session will lay down the essential foundations of AI that everyone in education should know.

### Session 2: AI-Powered Personalized Learning

Customize the Learning Experience with AI: Imagine an educational environment where every lesson is tailored to the unique needs of each learner. This session explores the dynamic capabilities of AI-powered personalized learning systems. Through engaging discussions and real-world examples, learn how these technologies are making it possible to adapt educational content in real time, ensuring optimal learning outcomes for every student.

### Session 3: AI in Simulation and Virtual Reality in Healthcare Education

Enhancing Realism in Training with AI: Step into the future of simulation where AI meets virtual reality. Discover how these technologies are being combined to provide students with highly realistic and interactive environments for clinical training. This session will showcase how AI-enhanced simulations are transforming educational practices by allowing safe, scalable, and effective training methods that adapt to individual learning curves.
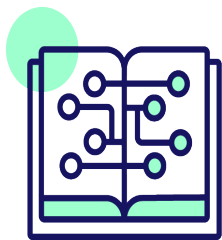
### Session 4: AI in Assessment and Feedback

Revolutionize Evaluation with AI Insights: Transform how educational achievements and competencies are measured with AI-driven assessment tools. This session will reveal how AI can automate assessments, provide immediate feedback, and analyze results with unprecedented accuracy. Learn about the innovative ways AI is being used to enhance the feedback loop, making the assessment process more efficient and effective.
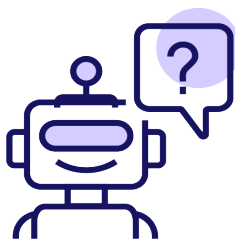
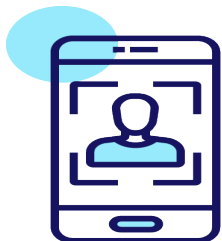## Session 5: Data-Driven Insights for Curriculum Enhancement

Leverage AI for Smarter Educational Strategies: Unlock the potential of data in curriculum development with AI's analytical power. This session focuses on how AI can interpret extensive data sets to reveal insights that drive curriculum improvements. Participants will gain an understanding of how data-driven decisions can enhance the educational content and delivery for better learning outcomes.

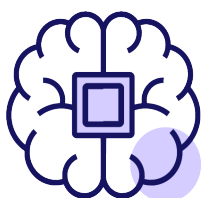## Session 6: Ethical Considerations and Bias in AI Education

Navigating the Ethical Landscape of AI in Education: As AI becomes integral to education, it brings with it ethical challenges and biases that need addressing. Join us for a vital conversation on the ethical considerations of AI use in education, including data privacy, security, and the imperative to mitigate biases within AI algorithms. This session aims to equip participants with the knowledge to ethically integrate AI technologies in educational settings.

## Session 7: Implementing AI Tools in your Institution

Strategies for AI Integration Success: Learn the keys to successfully implementing AI tools in your educational institution. This practical session will guide you through the challenges and solutions of adopting AI, from technology selection to overcoming institutional barriers. Discover how to navigate the complexities of introducing AI into your educational practices, ensuring a smooth and beneficial integration.

## Session 8: Impact of AI in Health Professions Scholarship/Research

AI's Influence on Academic Research and Scholarship: Explore how AI is revolutionizing health professions scholarship and research. This session investigates AI's capabilities to enhance research methods, collaboration, publishing, and ethical practices. Discover the transformative potential of AI in pushing the boundaries of academic research and shaping the future of health education scholarship.
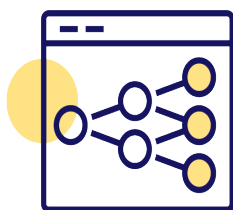
## Session 9: Student Approaches to Using AI for Learning and Assessment

From the Students' Lens: AI in Learning: Gain insight into how students are leveraging AI to enhance their educational experiences. This session explores the innovative ways students are using AI tools for learning and assessment, highlighting student-led initiatives and the impact of AI on self-directed learning.

## Session 10: Future Trends and Preparing for Change

Stay Ahead: AI's Next Frontier in Education: What does the future hold for AI in education? This session will explore emerging trends and predict how innovations in AI will continue to transform the educational landscape. Prepare to engage with future scenarios that will challenge current practices and offer new opportunities for growth and adaptation.

**Location:** Hybrid – In Person (Basel) and Online

**Registration Fee:**
AMEE 2024 and AI Symposium In Person: €175
AMEE 2024 and AI Symposium Online: €150
AI Symposium Only In Person: €200
AI Symposium Only Online: €125 (*€75 for delegates from* _resourced constrained countries_)

**8.1% VAT will be charged on all in-person registrations fees**

AMEE 2024 and AI Symposium: **Register Online**
AI Symposium Only: **One Off Event Registration**