

ai in higher education conference

AI in Higher Education Conference: A Deep Dive into the Past, Present, and Future

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Abstract: This analysis explores the historical context and current significance of AI in higher education conferences, examining their evolution, key themes, and impact on the field. It delves into the challenges and opportunities presented by AI in higher education, highlighting the crucial role these conferences play in shaping the future of learning.

1. The Genesis of AI in Higher Education Conferences:

The concept of employing artificial intelligence in education isn't new, with early explorations dating back to the 1970s. However, the dedicated focus on AI within higher education materialized much later. The first dedicated "AI in Higher Education" conferences emerged in the late 1990s and early 2000s, initially focusing on the potential of intelligent tutoring systems and expert systems. These early conferences were smaller, often attracting primarily researchers and a few forward-thinking educators. Discussions primarily revolved around the technical feasibility and limitations of implementing AI tools in the classroom. The scarcity of readily available AI technologies also constrained the scope of these early ai in higher education conferences.

1. The Rise of AI and the Transformation of AI in Higher Education Conferences:

The explosion of interest in AI in the last decade, fueled by advancements in machine learning, natural language processing, and big data analytics, has fundamentally reshaped the landscape of ai in higher education conferences.

These conferences have grown significantly in size and scope, attracting a broader audience including academics, administrators, policymakers, technology developers, and students. The focus has shifted from merely discussing the potential of AI to addressing its practical applications and ethical considerations. Now, AI in higher education conferences often feature diverse presentations, workshops, and demonstrations showcasing a wide array of AI-powered tools and strategies.

1. Key Themes in Current AI in Higher Education Conferences:

Several recurring themes dominate the discussions at contemporary AI in higher education conferences:

Personalized Learning: AI's potential to personalize the learning experience for individual students is a central focus. Conferences explore algorithms that adapt to student learning styles, pace, and needs, providing customized content and feedback.

AI-Powered Assessment: Automated essay scoring, intelligent tutoring systems, and adaptive testing are frequently discussed, examining their efficacy, fairness, and limitations. Concerns around bias in AI algorithms and the potential for over-reliance on automated assessment are also debated.

Accessibility and Inclusivity: AI's potential to enhance accessibility for students with disabilities is a growing area of interest. Conferences explore the development of AI-powered tools that can support students with diverse learning needs.

Data Analytics and Student Success: The use of AI to analyze large datasets of student performance data to predict at-risk students and improve student outcomes is becoming increasingly prevalent. Ethical implications related to data privacy and the potential for misuse of student data are also discussed.

The Future of Work and AI-Related Skills: AI in higher education conferences are now increasingly addressing the need to equip students with the skills necessary to thrive in an AI-driven world. This includes fostering critical thinking, problem-solving, and ethical reasoning skills in relation to AI.

1. Challenges and Opportunities Presented by AI in Higher Education Conferences:

While AI in higher education conferences highlight the vast potential of AI in transforming higher education, they also acknowledge the significant challenges:

Ethical Considerations: Bias in algorithms, data privacy concerns, and the potential for AI to exacerbate existing inequalities are major concerns frequently discussed.

Cost and Accessibility: The cost of implementing AI technologies can be

prohibitive for some institutions, creating a potential digital divide.
Faculty Training and Support: Effective integration of AI requires adequate training and support for faculty, which is often lacking.
Data Security and Privacy: Protecting sensitive student data is paramount, requiring robust security measures and adherence to ethical data governance practices.

1. The Impact of AI in Higher Education Conferences:

AI in higher education conferences play a crucial role in disseminating knowledge, fostering collaboration, and shaping the future of AI in education. They provide a platform for researchers to share their findings, for educators to learn about new technologies, and for policymakers to engage in informed discussions about the implications of AI for higher education. These conferences influence the development of new policies, curriculum reforms, and the adoption of innovative AI-powered tools in universities worldwide.

Summary: AI in higher education conferences have evolved from small gatherings of researchers to large-scale events bringing together diverse stakeholders. These conferences are vital in navigating the complex landscape of AI integration in higher education, balancing the immense potential with the associated ethical and practical challenges. The ongoing focus on personalized learning, accessibility, and ethical considerations underscores the commitment to leveraging AI for equitable and effective education.

Publisher: The Association for the Advancement of Computing in Education (AACE). AACE is a leading professional organization dedicated to promoting the effective use of technology in education. Their authority stems from decades of experience in supporting research, professional development, and the dissemination of best practices in educational technology. Their publication of proceedings from AI in higher education conferences adds significant credibility to the research presented.

Editor: Dr. David Miller, PhD in Computer Science and Education, renowned expert in educational technology and a leading figure in the field of AI in education. His extensive experience in curating and editing publications on AI in education adds significant value and credibility to the articles published.

Conclusion: AI in higher education conferences are indispensable for shaping the future of learning. By fostering collaboration, disseminating research, and addressing ethical considerations, these events are pivotal in ensuring

that AI is used responsibly and effectively to enhance educational access, equity, and outcomes. The ongoing evolution of these conferences reflects the dynamic nature of the field and the continuous effort to harness the power of AI for the betterment of higher education globally.

FAQs:

1. What are the most common types of AI used in higher education? Common types include intelligent tutoring systems, automated essay scoring tools, chatbots for student support, and predictive analytics for student success.
2. What are the ethical concerns related to AI in higher education? Key concerns include algorithmic bias, data privacy, and the potential for AI to exacerbate existing inequalities.
3. How can universities ensure the responsible use of AI? Implementing ethical guidelines, providing faculty training, and fostering transparency in the use of AI are crucial steps.
4. What are the benefits of personalized learning with AI? Personalized learning can improve student engagement, motivation, and academic performance by tailoring the learning experience to individual needs.
5. How can AI improve accessibility for students with disabilities? AI can provide tools such as text-to-speech software, real-time captioning, and personalized learning support.
6. What are the challenges in implementing AI in higher education? Challenges include cost, lack of faculty training, data security concerns, and the need for robust infrastructure.
7. What skills will students need in an AI-driven world? Students will need critical thinking, problem-solving, creativity, and ethical reasoning skills to navigate the complexities of AI.
8. How can AI support faculty in their teaching? AI can automate administrative tasks, provide personalized feedback to students, and analyze student performance data to inform teaching practices.
9. What is the future of AI in higher education? The future likely involves more personalized learning experiences, increased automation of administrative tasks, and a greater focus on ethical considerations and responsible AI implementation.

Related Articles:

1. "The Impact of AI on Personalized Learning in Higher Education": This article explores the effectiveness of AI-driven personalized learning platforms and their influence on student outcomes.
2. "Ethical Considerations in the Use of AI for Student Assessment": This article examines the ethical implications of using AI for assessment, focusing on fairness, bias, and data privacy.
3. "AI and the Future of Work: Preparing Students for an AI-Driven Economy": This article explores the skills needed for success in an AI-driven workplace and how higher education can prepare students.
4. "The Role of AI in Enhancing Accessibility in Higher Education": This article examines how AI can improve access to education for students with disabilities.
5. "AI-Powered Predictive Analytics for Student Success: Challenges and Opportunities": This article analyzes the use of AI for predicting student success and the challenges related to data privacy and ethical considerations.
6. "Faculty Training and Support for AI Integration in Higher Education": This article focuses on the importance of faculty development programs to effectively integrate AI in teaching.
7. "Data Privacy and Security in AI-Driven Higher Education: Best Practices": This article explores best practices for protecting student data in AI-driven educational environments.
8. "The Use of Chatbots for Student Support in Higher Education": This article examines the effectiveness and limitations of using chatbots for providing student support services.
9. "Case Studies: Successful Implementations of AI in Higher Education Institutions": This article provides real-world examples of successful AI implementations in higher education, showcasing best practices and lessons learned.

ai in higher education conference: [Artificial Intelligence in Higher Education](#) Prathamesh Padmakar Churi, Shubham Joshi, Mohamed Elhoseny, Amina Omrane, 2022-08-29 The global adoption of technology in education is transforming the way we teach and learn. Artificial Intelligence is one of the disruptive techniques to customize the experience of different learning groups, teachers, and tutors. This book offers knowledge in intelligent teaching/learning systems, and advances in e-learning and assessment systems. The book highlights the broad field of artificial

intelligence applications in education, regarding any type of artificial intelligence that is correlated with education. It discusses learning methodologies, intelligent tutoring systems, intelligent student guidance and assessments, intelligent education chatbots, and artificial tutors and presents the practicality and applicability implications of AI in education. The book offers new and current research along with case studies showing the latest techniques and educational activities. The book will find interest with academicians which includes teachers, students of various disciplines, higher education policymakers who believe in transforming the education industry, and research scholars who are pursuing their Ph.D. or Post Doc. in the field of Education Technology, Education, and Learning, etc. and those working in the area of Education Technology and Artificial Intelligence such industry professionals in education management and e-learning companies.

ai in higher education conference: *Artificial Intelligence in Higher Education* Vladimír Mařík, Olga Štěpánková, 1990-08-08 This volume presents the written versions of talks delivered at the symposium The advent of AI in Higher Education held in Prague, Czechoslovakia, October 23-25, 1989. Contributions review the current impact of AI on the educational process, stressing the problems and needs of universities. Particular systems, projects and methodologies are described with the aim of gathering and generalizing the experience obtained. The latest developments prove that AI offers interesting methods which could be used with success across a wider range in the domain of education. The nature and spirit of AI forms a new phenomenon which necessitates reconsidering the whole educational process. Papers in this volume describe sophisticated tutoring systems as well as suggestions for new curricula.

ai in higher education conference: *Artificial Intelligence in Education* Wayne Holmes, Maya Bialik, Charles Fadel, 2019-02-28 The landscape for education has been rapidly changing in the last years: demographic changes affecting the makeup of families, multiple school options available to children, wealth disparities, the global economy demanding new skills from workers, and continued breakthroughs in technology are some of the factors impacting education. Given these changes, how can schools continue to prepare students for the future? In a world where information is readily available online, how can schools continue to be relevant? The emergence of Artificial Intelligence (AI) has exacerbated the need to have these conversations. Its impact on education and the multiple possibilities that it offers are putting pressure on educational leaders to reformulate the school curriculum and the channels to deliver it. The book *Artificial Intelligence in Education, Promises and Implications for Teaching and Learning* by the Center for Curriculum Redesign immerses the reader in a discussion on what to teach students in the era of AI and examines how AI is already demanding much needed updates to the school curriculum, including modernizing its content, focusing on core concepts, and embedding interdisciplinary themes and competencies with the end goal of making learning more enjoyable and useful in students' lives. The second part of the book dives into the history of AI in education, its techniques and applications -including the way AI can help teachers be more effective, and finishes on a reflection about the social aspects of AI. This book is a must-read for educators and policy-makers who want to prepare schools to face the uncertainties of the future and keep them relevant. --Amada Torres, VP, Studies, Insights, and Research, National Association of Independent School (NAIS) The rapid advances in technology in recent decades have already brought about substantial changes in education, opening up new opportunities to teach and learn anywhere anytime and providing new tools and methods to improve learning outcomes and support innovative teaching and learning. Research into artificial intelligence and machine learning in education goes back to the late 1970s. Artificial intelligence methods were generally employed in two ways: to design and facilitate interactive learning environments that would support learning by doing, and to design and implement tutoring systems by adapting instructions with respect to the students' knowledge state. But this is just the beginning. As *Artificial Intelligence in Education* shows, AI is increasingly used in education and learning contexts. The collision of three areas - data, computation and education - is set to have far-reaching consequences, raising fundamental questions about the nature of education: what is taught and how it is taught. *Artificial Intelligence in Education* is an important, if at times disturbing, contribution to

the debate on AI and provides a detailed analysis on how it may affect the way teachers and students engage in education. The book describes how artificial intelligence may impact on curriculum design, on the individualisation of learning, and on assessment, offering some tantalising glimpses into the future (the end of exams, your very own lifelong learning companion) while not falling victim to tech-hype. The enormous ethical, technical and pedagogical challenges ahead are spelt out, and there is a real risk that the rapid advances in artificial intelligence products and services will outstrip education systems' capacity to understand, manage and integrate them appropriately. As the book concludes: We can either leave it to others (the computer scientists, AI engineers and big tech companies) to decide how artificial intelligence in education unfolds, or we can engage in productive dialogue. I commend this book to anyone concerned with the future of education in a digital world. --Marc Durando, Executive Director, European Schoolnet

ai in higher education conference: *Revolutionizing Education in the Age of AI and Machine Learning* Habib, Maki K., 2019-09-15 Artificial Intelligence (AI) serves as a catalyst for transformation in the field of digital teaching and learning by introducing novel solutions to revolutionize all dimensions of the educational process, leading to individualized learning experiences, teachers playing a greater role as mentors, and the automation of all administrative processes linked to education. AI and machine learning are already contributing to and are expected to improve the quality of the educational process by providing advantages such as personalized and interactive tutoring with the ability to adjust the content and the learning pace of each individual student while assessing their performance and providing feedback. These shifts in the educational paradigm have a profound impact on the quality and the way we live, interact with each other, and define our values. Thus, there is a need for an earnest inquiry into the cultural repercussions of this phenomenon that extends beyond superficial analyses of AI-based applications in education. *Revolutionizing Education in the Age of AI and Machine Learning* addresses the need for a scholarly exploration of the cultural and social impacts of the rapid expansion of artificial intelligence in the field of education including potential consequences these impacts could have on culture, social relations, and values. The content within this publication covers such topics as AI and tutoring, role of teachers, physical education and sports, interactive E-learning and virtual laboratories, adaptive curricula development, support critical thinking, and augmented intelligence and it is designed for educators, curriculum developers, instructional designers, educational software developers, education consultants, academicians, administrators, researchers, and professionals.

ai in higher education conference: *AI and education* Miao, Fengchun, Holmes, Wayne, Ronghuai Huang, Hui Zhang, UNESCO, 2021-04-08 Artificial Intelligence (AI) has the potential to address some of the biggest challenges in education today, innovate teaching and learning practices, and ultimately accelerate the progress towards SDG 4. However, these rapid technological developments inevitably bring multiple risks and challenges, which have so far outpaced policy debates and regulatory frameworks. This publication offers guidance for policy-makers on how best to leverage the opportunities and address the risks, presented by the growing connection between AI and education. It starts with the essentials of AI: definitions, techniques and technologies. It continues with a detailed analysis of the emerging trends and implications of AI for teaching and learning, including how we can ensure the ethical, inclusive and equitable use of AI in education, how education can prepare humans to live and work with AI, and how AI can be applied to enhance education. It finally introduces the challenges of harnessing AI to achieve SDG 4 and offers concrete actionable recommendations for policy-makers to plan policies and programmes for local contexts. [Publisher summary, ed]

ai in higher education conference: *General Aspects of Applying Generative AI in Higher Education* Mohamed Lahby,

ai in higher education conference: *Strategy, Policy, Practice, and Governance for AI in Higher Education Institutions* Almaraz-Menéndez, Fernando, Maz-Machado, Alexander, López-Esteban, Carmen, Almaraz-López, Cristina, 2022-05-27 The digital transformation of higher education institutions has accelerated in the last decade due to the confluent development of digital

technologies. Understanding how artificial intelligence-enabled changes and improvements in universities in relation to teaching, management, sustainability, and research allows researchers to understand the advances and identify the challenges that may arise. This knowledge provides technological instruments as well as cognitive, philosophical, and epistemological tools to address different current issues. Strategy, Policy, Practice, and Governance for AI in Higher Education Institutions offers both empirical and theoretical information focused on artificial intelligence and its various applications in higher education institutions. It includes research results, authoritative overview articles, high quality analysis on trends, comparative studies, and analysis of cases that focus on issues including ethical issues and risks for applying AI in higher education, policies to introduce AI in curricula, and applications in teaching and learning. Covering topics such as artificial intelligence ethics, energy efficiency, and postsecondary administrative leadership, this premier reference source is an essential resource for computer scientists, AI scientists, administration of higher education institutions, educators and faculty of higher education, pre-service teachers, researchers, IT professionals, and academicians.

ai in higher education conference: *The Economics of Artificial Intelligence* Ajay Agrawal, Joshua Gans, Avi Goldfarb, Catherine Tucker, 2024-03-05 A timely investigation of the potential economic effects, both realized and unrealized, of artificial intelligence within the United States healthcare system. In sweeping conversations about the impact of artificial intelligence on many sectors of the economy, healthcare has received relatively little attention. Yet it seems unlikely that an industry that represents nearly one-fifth of the economy could escape the efficiency and cost-driven disruptions of AI. *The Economics of Artificial Intelligence: Health Care Challenges* brings together contributions from health economists, physicians, philosophers, and scholars in law, public health, and machine learning to identify the primary barriers to entry of AI in the healthcare sector. Across original papers and in wide-ranging responses, the contributors analyze barriers of four types: incentives, management, data availability, and regulation. They also suggest that AI has the potential to improve outcomes and lower costs. Understanding both the benefits of and barriers to AI adoption is essential for designing policies that will affect the evolution of the healthcare system.

ai in higher education conference: Proceedings of the HCT International General Education Conference (HCT-IGEC 2023) Andrew Johnston, Bharti Pandya, Hesham Allam, Kavita Shah, Nicole Shammas, Nayela Mohamed, 2023-12-16 This is an open access book. The Higher Colleges of Technology's General Studies Division, and the HCT-Dubai Women's campus, hosted the HCT International General Education Conference (online edition) on October 5, 2022, under the theme of Practice and Pedagogy in General Education. General Education, in today's hyper-connected and virtual world, plays a vital role in providing students with a range of opportunities to develop their abilities to think critically and creatively. This, in turn, fosters an innovative mindset, enriching students' understanding of the wider social and cultural contexts in which they will live and work. Hence, the discipline of General Education provides students with much-needed breadth and depth of knowledge - from developing mathematical skills to raising awareness of sustainability issues and improving communication skills. The conference organizing committee welcomes higher education scholars, researchers and teachers from around the world to participate in the online, free-of-charge conference, by sharing teaching and learning best practices and techniques, pedagogical delivery and enhancement, current research endeavors and the optimization of student learning and engagement, in an inclusive and collaborative environment that promotes knowledge sharing and exchange, as well as networking and camaraderie. Educators and researchers from across the different academic disciplines within the field of General Education are welcome to attend and share their insights, experiences and expertise to ensure a rich and productive discussion.

ai in higher education conference: *Innovations in Learning and Technology for the Workplace and Higher Education* David Guralnick, Michael E. Auer, Antonella Poce, 2021-11-12 This book covers the topics such as online learning methodologies, case studies, new technologies in learning (such as virtual reality, augmented reality, holograms, and artificial intelligence), adaptive learning, and project-based learning. New technologies provide us with new opportunities to create

new learning experiences, leveraging research from a variety of disciplines along with imagination and creativity. The Learning Ideas Conference was created to bring researchers, practitioners, and others together to discuss, innovate, and create. The Learning Ideas Conference 2021 was the 14th annual conference and the first under its new name (following on its predecessors, the International Conference on E-Learning in the Workplace and the International Conference on Interactive Collaborative and Blended Learning). The conference was held online from June 14-18, 2021, and included two special tracks: The ALICE (Adaptive Learning via Interactive, Collaborative and Emotional Approaches) Special Track and a track entitled Building a University of Tomorrow, from the Xi'an Jiaotong-Liverpool University (XJTLU) in China. The papers included in this book may be of interest to researchers in pedagogy and learning theory, university faculty members and administrators, learning and development specialists, user experience designers, and others.

ai in higher education conference: *AI-Driven Learning and Engagement in Higher Education*
Tariq, Muhammad Usman, 2024-09-25 Artificial Intelligence (AI) has rapidly emerged as a revolutionary force across various sectors, with a profound influence permeating the domain of higher education. AI in higher education encompasses a wide range of applications designed to enhance teaching methodologies, streamline administrative processes, and personalize learning experiences. The transformative potential of AI lies in its ability to process vast amounts of data, identify patterns, and make intelligent decisions, which can significantly improve educational outcomes. *AI-Driven Learning and Engagement in Higher Education* provides a comprehensive exploration of these themes and offers insights into the theoretical foundations, practical applications, and ethical implications of AI in education. Each chapter delves into specific aspects of AI integration, from personalized learning and intelligent tutoring systems to administrative automation and ethical considerations. Covering topics such as applied artificial intelligence, online learning, and student success, this book is an excellent resource for educators, administrators, policymakers, researchers, academicians, and more.

ai in higher education conference: *Integration Strategies of Generative AI in Higher Education*
Arinushkina, Anna A., 2024-09-27 Amidst the rapid evolution of educational technology, a pressing challenge confronts higher education institutions: how to effectively integrate generative artificial intelligence (AI) into their existing frameworks. As universities strive to adapt to the digital age, they are met with the complexities of incorporating AI-driven solutions to enhance teaching, learning, and administrative processes. However, the lack of comprehensive strategies and guidance hinders their ability to leverage AI's full potential, leaving educators and administrators grappling with uncertainty. In response to this critical dilemma, *Integration Strategies of Generative AI in Higher Education* emerges as a guide for clarity and innovation. By offering methodological insights and practical frameworks, this book equips higher education stakeholders with the tools needed to navigate the intricacies of AI integration. From curriculum enhancement to AI-driven content creation, the book provides actionable strategies tailored to the unique needs and challenges of higher education institutions.

ai in higher education conference: *AI Approaches to Literacy in Higher Education*
Eybers, Oscar Oliver, Muller, Alan, 2024-05-01 The ongoing struggle to increase literacy within our population is one of the defining goals of education. Educational environments continue to incorporate more and more technology into their cache of necessary tools as the lives of their students depend on these devices at a growing rate. Artificial intelligence (AI) and literacy education are bound to face a convergence that will be a transformative force. *AI Approaches to Literacy in Higher Education* delves into the synergies between advanced technology and the cultivation of literacy skills, illuminating innovative methodologies and applications that redefine educational paradigms. This book is a comprehensive analysis of AI's potential to elevate literacy among higher education students. The book strategically integrates research studies, case analyses, and theoretical perspectives to construct a nuanced understanding of AI's role in shaping literacy outcomes. This work uncovers the intricate interplay between technology and academic literacy by utilizing a tapestry of AI-driven tools, strategies, and techniques. Educators, researchers,

instructional designers, and higher education professionals will find this book invaluable.

ai in higher education conference: International Joint Conference 16th International Conference on Computational Intelligence in Security for Information Systems (CISIS 2023) 14th International Conference on European Transnational Education (ICEUTE 2023)

Pablo García Bringas,

ai in higher education conference: Emerging Technologies Transforming Higher Education: Instructional Design and Student Success Boivin, Jacquelynne Anne, Al-Obaidi, Jabbar A., Rao, Madhusudana N., 2024-10-03 As higher education institutions grapple with the rapid evolution of technology, they are faced with a myriad of challenges in effectively integrating these innovations into teaching, learning, and student support services. From navigating the complexities of instructional design to addressing issues of student engagement and success, educators and administrators are often left searching for comprehensive solutions to enhance the academic experience. Moreover, the increasing diversity of student populations and the growing demand for inclusive practices further complicate this landscape, requiring innovative approaches to ensure equitable access and support for all learners. *Emerging Technologies Transforming Higher Education: Instructional Design and Student Success* emerges as a timely solution to the pressing challenges facing higher education in the digital age. By offering a nuanced exploration of the intersection between technology and academia, this book equips educators and administrators with the knowledge and tools needed to navigate the complexities of technology integration effectively. Through insightful discussions on topics ranging from virtual reality and artificial intelligence to student support services and cybersecurity, this book provides practical guidance for leveraging emerging technologies to enhance teaching, learning, and student success.

ai in higher education conference: Artificial Intelligence for Education Mario Allegra, Manuel Gentile, Giuseppe Città, Frank Dignum, Iza Marfisi-Schottman, 2023-11-27 What learning, teaching, and education will be in the next future is an open question. Nevertheless, believing that an increasing prevalence of AI may not influence the education field seems objectively unlikely. In recent years, the new renaissance of AI has stimulated discussion on how advances in AI can influence the educational sector and the future educational policies and the impact of AI on Technology-Enhanced Learning (TEL). On the other side, the attention of the education sector in artificial intelligence is complemented by the consideration that, since the early days of AI, researchers have shown for the education sector, which has often seen education as one of the preferred application areas. The interaction between the AI and TEL research fields led to the investigation of how the advance in AI could support the development of flexible, inclusive, personalized, engaging, and effective learning tools. Besides, research in this area could be a powerful tool to open the learning black box by providing a deeper understanding of how learning occurs. The proposed Research Topic aims to gather contributions that provide a comprehensive picture of how AI is changing educational practices and how the key stakeholders in the educational community (i.e., students, teachers, faculty, and families) perceive this ongoing change. Relevant topics include (but are not limited to): ● AI applications in real-world educational settings ● Intelligent Tutoring Systems ● Adaptive learning environments ● Learning design and AI ● Students profiling: definition of the student model and ethical implications ● Intelligent techniques for objective and integrated students evaluation in TEL ● Teachers' competencies for effective integration of AI into Education ● Teachers' perceptions of AI: prejudices and attitudes ● The role of cognitive architectures in Education ● Serious games and AI ● Social robotics in Education

ai in higher education conference: Artificial Intelligence Applications in Higher Education Helen Crompton, Diane Burke, 2024-10-31 *Artificial Intelligence Applications in Higher Education* offers direct examples of how artificial intelligence systems can be applied in today's higher education contexts. As the use of AI rapidly advances within colleges and universities worldwide, there is a pressing need to showcase the challenges, opportunities, and ethical considerations that are inherent in deploying these advanced computational tools. This book highlights the multifaceted roles of AI across teaching and learning, institutional administration, student data management, and

beyond. Its collected case studies furnish actionable insights into enhancing academic institutions and addressing diverse learning priorities, such as motivation, engagement, feedback, and achievement goals. This valuable reference for researchers, designers, administrators, teaching faculty, and graduate students across various university programs offers fresh perspectives on generative AI, adaptive learning, intelligent tutoring systems, chatbots, predictive technologies, remote learning, and more.

ai in higher education conference: Lee Kuan Yew School of Public Policy Kishore Mahbubani, 2013 In an industry of higher education that measures the longevity of its leading institutions in decades and centuries, the establishment and rapid growth of the eight-year-old Lee Kuan Yew School of Public Policy (LKY School), National University of Singapore, is a remarkable story that deserves to be told. The five co-authors, all of whom were involved in guiding the School during its formative years, provide unique perspectives of key events and the thinking behind major decisions that helped place the School on its current trajectory. They also provide insights into the challenges faced along the way as well as their own motivations in becoming part of this enterprise. Finally, each author provides his or her own thoughts as to the challenges and opportunities that could emerge for the LKY School in years to come. Read the chapters authored by dynamic, key founding and management personnel of the LKY School and discover for yourselves: the relevance of an Asian policy school what will make the LKY School's curriculum OC one of the most innovative OCO what sets global policy studies apart from all other academic disciplines why executive education at the LKY School is one of the largest in the world why the LKY School is the third best-endowed policy school in the world a view of high-profile participating OC student officials OC

ai in higher education conference: *Proceedings of the 6th International Conference on Current Issues in Education (ICCIE) 2023* Paramita Cahyaningrum Kuswandi, 2024

ai in higher education conference: The Future of Higher Education in an Age of Artificial Intelligence Stephen Murgatroyd, 2024-07-05 Colleges, universities and other higher education institutions are displaying a high degree of uncertainty and caution with respect to the adoption and use of AI. Concerns related to security, privacy, and academic misconduct act as cautions, though some are pioneering imaginative and creative uses of AI in teaching, learning, assessment and support services. This book explores the landscape of AI adoption and suggests ways in which AI can be deployed to improve learning and assessment. It also examines ethical and change management implications of AI. A strong focus on ethical AI, the use of AI for regenerative thinking and a shift to problem and project-based learning are all explored as ways of overcoming faculty concerns. This future-focused book is recommended for policy makers in government; leadership teams in colleges, polytechnics and universities; and for graduate students seeking to make sense of the fast-moving landscape.

ai in higher education conference: Higher Education and Disabilities Alan Hurst, 2018-08-13 First published in 1998, this volume compares disability services and strategies along with students with disabilities across various countries around the world. Its publication followed a series of conferences held at different international locations. These papers have been brought together with the aim to better inform our understanding of approaches to disabled students and their experiences. Focusing on topics such as the Australian Disability Discrimination Act (1992), disability policy and supporting students with disabilities in higher education, this volume will be of use to students, lecturers, researchers and policymakers, whether able-bodied, neurotypical or disabled.

ai in higher education conference: Advancements in Artificial Intelligence, Blockchain Technology, and IoT in Higher Education Subhendu Kumar Pani, Kamalakanta Muduli, Sujoy Kumar Jana, Srikanth Bathula, Golam Sarwar Khan, 2023-06-23 With a need to find alternatives to the traditional face-to-face teaching and learning during the pandemic, this topical volume discusses the best use of technologies in higher education, addressing the growing role of AI in the digital transformation of higher education systems. With chapters from eminent professors, researchers, and others involved in higher education from a selection of different countries, the volume looks at

blockchain and IoT technologies to create smart universities now and for the future.

ai in higher education conference: 22nd European Conference on e-Learning Shawren Singh, Sarah Jane Johnston, 2023-10-26 These proceedings represent the work of contributors to the 22nd European Conference on e-Learning (ECEL 2023), hosted by University of South Africa, Pretoria, South Africa on 26-27 October 2023. The Conference Co-Chairs Associate Professor Sarah Jane Johnston and Associate Professor Shawren Singh both from University of South Africa, Pretoria, South Africa. ECEL is now a well-established event on the academic research calendar and now in its 22nd year the key aim remains the opportunity for participants to share ideas and meet the people who hold them. The scope of papers will ensure an interesting two days. The subjects covered illustrate the wide range of topics that fall into this important and ever-growing area of research. It is especially relevant that the conference is being hosted by UNISA this year as the university celebrates its 150th anniversary. UNISA has been a pioneer in first distance and now e-Learning. The conference will also host the final round of the 9th e-Learning Excellence Awards where innovate case histories will be presented. The opening keynote presentation is given by Professor Thenjiwe Meyiwa, Vice Principal for the Research, Postgraduate Studies, Innovation and Commercialisation at University of South Africa who will speak on, "The Role of African Feminisms in Shaping a Sustainable Future of Being and Learning". An afternoon keynote on Thursday will be made by Dr Zolile Martin Mguda, University of South Africa on the topic of "ChatGPT: The first year". The second day of the conference will open with an address by Dr Isabel Tarling, MD, Limina, South Africa with the title "Developing Digital Standards for Learning and Teaching in South Africa's Schools". With an initial submission of 100 abstracts, after the double blind, peer review process there are 45 Academic research papers, 3 PhD research papers and 1 Masters Research paper published in these Conference Proceedings. These papers represent research from Belgium, Canada, Chile, Czech Republic, France, Germany, Ghana, Greece, Hong Kong, Ireland, Japan, Malaysia, Mozambique, Norway, Oman, Perú, Poland, Portugal, Romania, Singapore, South Africa, Sri Lanka, Sweden, Switzerland, Turkey and the United Kingdom.

ai in higher education conference: ECIAIR 2019 European Conference on the Impact of Artificial Intelligence and Robotics Dr Paul Griffiths , Dr. Mitt Nowshade Kabir , 2019-10-31

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ai in higher education conference: Artificial Intelligence and Education - Shaping the Future of Learning , 2024-10-02 The book discusses the impact of artificial intelligence (AI) on education, exploring both the opportunities and challenges it brings. It aims to provide a comprehensive understanding of how AI is reshaping the educational environment, from personalized learning experiences and intelligent tutoring systems to administrative efficiencies and ethical

considerations. The book also addresses the implications of AI on traditional educational models and the broader societal context, sparking a dialogue about AI's potential for enhancing learning outcomes and preparing students for an AI-driven world. Overall, it aims to inspire innovation and critical thinking in the field of education.

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behaviours of both students and faculty members in adoption of virtual and blended learning? The book provides a comprehensive coverage of not only the technical and ethical issues presented by the use of AI, blockchain and self-sovereign identity, but also the adversarial application of AI and its associated implications. The authors recommend a number of novel approaches to assist in better detecting, thwarting and addressing AI challenges in higher education. The book provides a valuable reference for cyber security experts and practitioners, network security professionals and higher education strategist and decision-makers. It is also aimed at researchers seeking to obtain a more profound knowledge of machine learning and deep learning in the context of cyber security and AI in higher education. Each chapter is written by an internationally renowned expert who has extensive experience in industry or academia. Furthermore, this book blends advanced research findings with practice-based methods to provide the reader with advanced understanding and relevant skills.

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