

1. Record Nr.	UNINA9911035158603321
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Titolo	The Global Development of AI-Empowered Higher Education: Beyond the Horizon // edited by Wen Wen, Yu Zhang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819690053 9789819690046
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (243 pages)
Collana	Research in Chinese Education, , 2524-4779
Altri autori (Persone)	ZhangYu
Disciplina	371.33
Soggetti	Educational technology Education - Data processing Education, Higher Digital Education and Educational Technology Computers and Education Higher Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Executive Summary -- Chapter 1. The Evolution and Latest Trends of AI Technology -- Chapter 2. Learning and Teaching in AI-Empowered Higher Education -- Chapter 3. Ethical Challenges of AI-Empowered Higher Education -- Chapter 4. Applications and Student Perceptions of GenAI in Higher Education: Findings from International Pilot Studies -- Chapter 5. Nurturing AI Talent in Higher Education -- Chapter 6. Policy Directions with Alternative Frameworks for AI in Higher Education Institutions -- Acknowledgement.
Sommario/riassunto	This book provides a forward-looking and comprehensive examination of AI's transformative impact on higher education. It explores the integration of AI in teaching, learning, and assessment with fresh insights into generative AI, artificial general intelligence (AGI), and their emerging roles in reshaping universities globally. Supported by case studies from 30 leading universities and empirical data from international surveys and interviews, the book stands apart by combining AI development trends with practical applications and ethical considerations. This book includes detailed discussions on AI's

ethical challenges, including privacy, academic integrity, and the widening digital divide, all paired with real-world examples. A unique feature of the book is its in-depth exploration of AI talent development, outlining national strategies and institutional approaches that equip students with both AI literacy and advanced skills, establishing a new standard for cultivating future leaders in the AI era. With strategic policy recommendations, this book provides a roadmap for higher education institutions to navigate the rapidly evolving AI landscape. It highlights actionable frameworks for ensuring equitable access to technology, strengthening data security, and addressing biases in AI systems. Academics, policymakers, and education leaders will benefit from its forward-thinking approach to integrating AI while maintaining humanistic and ethical values in education. Designed for professionals in education and education policy, this book also serves as an essential guide for other readers looking to harness the power of AI in shaping the future of learning and teaching.

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