

Online Education Dialogue 2023(Navigating AI-Driven Digital Transformation in Higher education)

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Session 4: The Impact of AI on the Role of Teachers and Teaching Practices in Higher Education

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The screenshot shows a presentation slide with a dark background. At the top right is a logo with Chinese characters '学堂在线' and a small portrait of a person. Below the title 'STUDENTS' is a bulleted list of six items:

- Learn new technologies
- Avoid dependency
- Communication skills for AI-based systems
- Privacy and ethics
- Critical thinking

At the bottom of the slide, there is a URL: <https://altamarmx.github.io>. The browser's address bar shows the file path: '/Users/gbv/Dropbox/My%20Mac%20(iMac.local)/Desktop/GBarrios%20(1)/GBarrios.html#/students'. The slide is labeled as 7/8.

Live L
Forum

Session 9: Revolutionizing Higher Education Assessment with Artificial Intelligence

12-08 19:50 Live Reback

Session 8: Fostering Governance, Advancing SDGs, and Empowering Higher Education through AI

11-16 19:50 Live Reback

Session 7: AIGC in Enhancing Learning Experiences: Roles and Challenges

11-09 19:50 Live Reback

Session 6: Transforming Higher Education: Exploring the Roles, Challenges, and Future of Generative

11-07 19:51 Live Reback

Session 5: Leveraging AI for Digital Transformation in Higher Education

09-28 19:50 Live Reback

 Session 4: The Impact of AI on the Role of Teachers and Teaching Practices in Higher Education

09-08 19:50 Live Reback

 Session 3: Empowering Higher Education through AI: Personalization and Engagement

08-29 19:49 Live Reback

 Session 2: Reimagining Teaching with Artificial Intelligence

06-15 15:50 Live Reback

 Session 1: Unraveling and Embracing AI in Higher Education

05-17 19:51 Live Reback

Introduction

Forum

Live List

Course Information

Online Education Dialogue 2023: Navigating AI-Driven Digital Transformation in Higher education

Session 4: The Impact of AI on the Role of Teachers and Teaching Practices in Higher Education

Time

September 8, 2023, 20:00-21:00, (Beijing), 22:00-23:00 (Wollongong); September 7, 6:00-7:00 (Mexico City), 8:00-10:00 (New York)

Organizer

Global MOOC and Online Education Alliance, Tsinghua University, XuetangX, UNESCO ICEE

Background

The Online Education Dialogue as one of the brand activities of the Global MOOC and Online Education Alliance, aims to promote the digital transformation of global higher education, share the latest developments in online education, and enhance the capacity building of people involved in higher education digitalization worldwide. Online Education Dialogue 2023 is themed "Navigating the AI-Driven Digital Transformation of Higher Education". Focusing on the trends and challenges of AI-enabled higher education, raising global awareness of the importance of AI in higher education, sharing positive practices of digital transformation of higher education driven by AI, based on building a Global Online Learning Community and promoting international cooperation of higher education institutions in exploring the building of Community with a Shared Future for Mankind.

Objectives

Exchange diverse insights and practical experiences on AI-enabled higher education;

Discuss the challenges and opportunities faced by higher education in the era of Artificial Intelligence;

Explore the direction and role of AI in reshaping the future of higher education;

Promote future international collaboration and knowledge sharing related to AI-driven digital transformation in higher education.

Guest Information



Dr. Guillermo Barrios del Valle

Dr. Guillermo Barrios del Valle is not just a revered Doctor in Engineering but also a digital maven, known by his online monikers: 'Altamar' on Twitter, 'altamar_Mx' on TikTok, and 'AltamarMx' on GitHub. As the co-creator of the asynchronous distance course "Python for Engineering," he has been at the forefront of online education in Mexico, delivering synchronous courses on Energy in Buildings, Python, and recording a plethora of tutorials on EnergyPlus, OpenStudio, and Python for building data analysis available on his YouTube channel.

A staunch advocate for open-source software, Dr. Barrios del Valle's interests span from the thrill of running to the art of 'storytelling with data'. But, if you're looking for a moment to catch him in his element of mindfulness, it would be while he's brewing a cup of V60 coffee. His journey with Python began a mere five years ago, sparked by an interest in IoT through microPython. Today, he often reflects, "Having integrated Python so deeply into my research and teaching, I wonder why it took me so long to embrace it."

Dr. Barrios del Valle is hosting a pivotal webinar, diving deep into the reflections on using chatGPT in programming. The central theme? "To code or To ChatGPT? AI Reflections" He's driven by a firm belief in the need for a robust discussion around the impacts, myths, and advantages of generative artificial intelligence in engineering fields. Join him as he unravels the intricacies of AI and its place in our future.



Carlos Gershenson

Carlos Gershenson is a SUNY Empire Innovation Professor at the Department of Systems Science and Industrial Engineering, Thomas J. Watson College of Engineering and Applied Science, State University of New York at Binghamton. He is also an affiliated researcher at the Center for Complexity Sciences and Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas at the Universidad Nacional Autónoma de México (UNAM), where he was a research professor (2008-2023). He was a Visiting Scholar at the Santa Fe Institute (2022-2023), Visiting Professor at MIT and at Northeastern University (2015-2016) and at ITMO University (2015-2019). He was a postdoctoral fellow at the New England Complex Systems Institute (2007-2008). He holds a PhD summa cum laude from the Vrije

Universiteit Brussel, Belgium (2002-2007). His thesis was on “Design and Control of Self-organizing Systems”. He holds an MSc degree in Evolutionary and Adaptive Systems, from the University of Sussex (2001-2002), and a BEng degree in Computer Engineering from the Fundación Arturo Rosenblueth, México. (1996-2001). He studied five semesters of Philosophy at UNAM (1998-2001).

He has been an active researcher since 1997, working at the Chemistry Institute, UNAM, México, and a summer (1999) at the Weizmann Institute of Science, Israel. He has more than 150 scientific publications in books, journals, and conference proceedings, which have been cited more than 7000 times. He has supervised 14 postdocs, 3 PhD, 14 MSc, and 7 BSc students. He has given more than 300 presentations at conferences and research group seminars. He has a wide variety of academic interests, including artificial intelligence, complex systems, self-organization, artificial life, and philosophy of science, with applications to healthcare, transportation, governance, education, cybersecurity, and more.



Juan Feng

Juan Feng is Hon Hai chair professor in the Department of Management Science and Engineering, School of Economics and Management & Shenzhen International Graduate School, Tsinghua University. She holds a B.A. in economics from Renmin University of China, and a PhD in Business Administration from Pennsylvania State University, with a dual title in Operations Research. Before joining Tsinghua University, she worked at City University of Hong Kong, as well as University of Florida.

She serves as Senior Editor for Information Systems Research, Production & Operations Management and E-Commerce Research & Applications. She also serves on the editorial board for JMIS and IJEC. She has published in journals such as Information Systems Research, Management Science, Marketing Science, Production and Operations Management, Journals of Management Information Systems and Informs Journal on Computing, etc. She now serves as vice president of Association for Information Systems (Region 3), and Director of the Greater Bay Area Digital Economy Research Center of Tsinghua University's School of Economics and Management Shenzhen Research Institute.



Sarah K. Howard

Professor, School of Education, University of Wollongong; Sarah K. Howard's research focuses on the use of new technologies and data science to explore classroom practice and teacher change, specifically related to technology adoption and integration in learning. She has a particular research focus on cultural and individual factors of teachers' digital technology use, change process and learning design related to subject areas, school culture and underlying principles of teaching and learning. Current major projects include a national study of app use in primary schools, automating long-term low-disturbance classroom observation, and creating data and video mining methods to study the integration of digital and physical spaces in blended learning.



SATO Hiroya

Senior Staff, Digital Transformation Promotion Group, The University of Tokyo

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