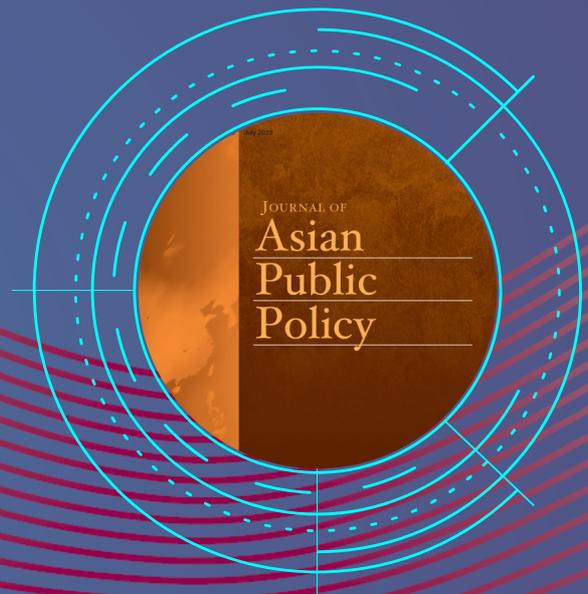


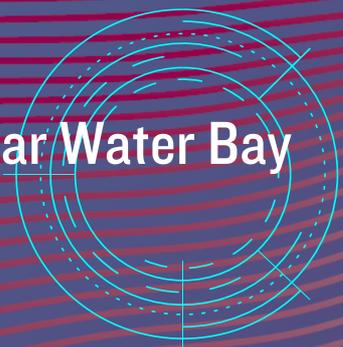
# Generative Artificial Intelligence and the Higher Education Sector: Navigating the Uncharted Waters



December 1 2023



Lee Shau Kee Building, HKUST, Clear Water Bay



# Generative Artificial Intelligence and the Higher Education Sector: Navigating the Uncharted Waters



December 1 2023

Shau Kee Building, HKUST, Clear Water Bay



EXIT

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香港科技大學  
THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

EI CENTER FOR  
EDUCATION INNOVATION  
教育創新中心

IPP INSTITUTE FOR  
PUBLIC POLICY  
公共政策研究所

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# Intelligence and the Higher Education Sector: the Uncharted Waters



September 1 2023

Clear Water Bay, HKUST

Genera





EXIT 出口

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EXIT 出口



The Impact of AI to Education is fundamental  
人工智能对教育的影响是根本性的



The Impact of AI to Education is fundamental  
人工智能对教育的影响是根本性的



Conclusion: The Human Use of Human Being  
结语: 人有人的用处



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明的人, 这样他们就能创造  
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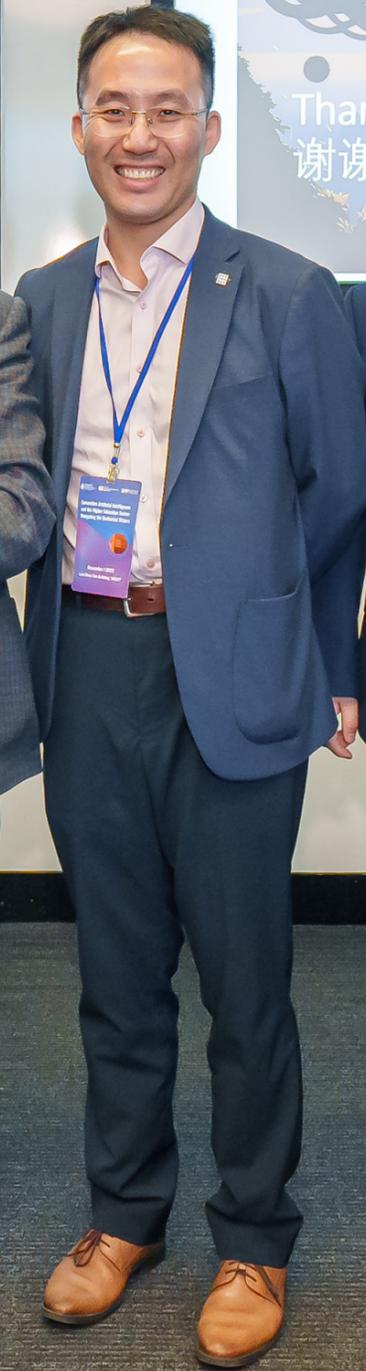


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Smart people should  
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# Welcome Message

On behalf of the Center for Education Innovation (HKUST, CEI), it is my great pleasure to welcome all of you who have gathered here for this significant discussion on Generative Artificial Intelligence and its impact on the Higher Education Sector.



Generative Artificial Intelligence (AI) technologies have the potential to significantly impact and revolutionize the field of higher education. Since the public release of Open AI's ChatGPT in November 2022, it quickly became clear that universities will need to review, and possibly rethink, policies related to academic integrity, assessments, professional development, to name a few. These technologies are now raising questions across many disciplines: How and what should we teach and assess? How will AI impact research? How do we govern these new technologies, and what are the equitable and ethical implications of that governance? These are just a few questions to be explored.

As we navigate through this AI phenomenon, it is crucial that we foster an environment that encourages communication, innovation, and transparency, while also safeguarding against misuse. This conference serves as an excellent opportunity for us to critically examine the implications of generative AI on the higher education sector. Together, we will explore various topics such as pedagogical innovations, curriculum reforms, and the role of generative AI in a research university.

I extend my warmest welcome to every one of you, and I am truly excited about the insightful discussions and meaningful exchanges that will take place. May this research workshop be a platform for us to collectively explore the possibilities that lie ahead in these exciting times.

Warm regards,

**Sean MCMINN**

*Director, Centre for Education Innovation, HKUST*

# Welcome Message



Welcome to the “Generative Artificial Intelligence and the Higher Education Sector: Navigating the Uncharted Waters”! As the Acting Director of the Institute for Public Policy (HKUST IPP) and Associate Editor of Journal of Asian Public Policy (JAPP), I am honored to extend a warm welcome to all of our esteemed attendees.

Generative AI technologies, such as ChatGPT, have the potential to revolutionize higher education and scientific research. They offer new ways of approaching teaching, learning, and discovery. However, this transformative potential also brings with it important policy considerations that must be addressed. Policy makers and researchers must recognize the critical societal and policy challenges posed by generative AI and work to mitigate risks while maximizing benefits.

By bringing together esteemed authors, scholars, and experts in the field, we hope to foster meaningful conversations, share groundbreaking research, and exchange valuable insights. This workshop serves as a platform for collaboration and learning, enabling us to collectively shape the future of higher education in Asia through the lens of generative AI.

I am excited about the possibilities that will arise from this workshop and eagerly anticipate the insightful discussions and connections. Thank you for your participation, and let us work together to make this conference a resounding success. Together, let us embark on this intellectual journey and unlock new horizons of possibility!

Warm regards,

**Alex Jingwei HE**

*Acting Director, Institute for Public Policy, HKUST  
Associate Editor, Journal of Asian Public Policy*

# Agenda

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*\* Hong Kong Time, GMT+8*

**8:30 AM Registration**

**Venue**

Room LSK1010, Lee Shau Kee Campus, HKUST

**9:00 AM Opening**

**Venue:** Room LSK1010

**9:10 AM Zoom Meeting ID:** 935 4068 6591 (Passcode: 589432)

**Welcome Remarks**

**Prof Tim K.T. Cheng**, Vice President (Research & Development),  
HKUST

**Opening Remarks**

**Dr Sean McMinn**, Director, Centre for Education Innovation, HKUST

**Dr Alex Jingwei He**, Acting Director, Institute for Public Policy,  
HKUST; Associate Editor, Journal of Asian Public Policy

**Group Photo**

9:15 AM

**Plenary Session**

/

**Venue:** Room LSK1010

10:45 AM

**Zoom Meeting ID:** 935 4068 6591 (Passcode: 589432)**Chair****Magdalena Klemun**, Assistant Professor, Division of Public Policy, HKUST**Discussant****Masaru Yarime**, Associate Professor, Division of Public Policy, HKUST***Challenges of ChatGPT for Higher Education and Policy Responses in Asia*****Devyani Pande**, Lee Kuan Yew School of Public Policy, National University of Singapore**Panchali Guha**, School of Social Sciences, Singapore Management University***A Scoping Review of University Policies on Generative AI in Asia: Trends, Gaps, and Future Directions*****Yun Dai** and **Sichen Lai**, Department of Curriculum and Instruction, Chinese University of Hong Kong**Cher Ping Lim**, Faculty of Education and Human Development, The Education University of Hong Kong**Ang Liu**, School of Mechanical and Manufacturing Engineering, University of New South Wales***Design of Policy Research in the Era of Generative AI*****Xun Wu**, Thrust of Innovation, Policy and Entrepreneurship, Hong Kong University of Science and Technology (Guangzhou)**Yvonne Chen**, School of Entrepreneurship and Management, Shanghai University of Science and Technology**Dale Whittington**, Department of Environmental Sciences and Engineering, University of North Carolina at Chapel Hill***Embracing Generative AI in a Research University? Evidence from Students*****Zhuoni Zhang**, **Sean McMinn**, and **Alex Jingwei He**, Hong Kong University of Science and Technology

10:45 AM

**Tea Break**

/

11:00 AM

**11:00 AM**    **Breakout Session #1**  
 /  
**12:30 PM**    **Venue:** Room LSK1010  
**Zoom Meeting ID:** 935 4068 6591 (Passcode: 589432)

**Chair**

**Naubahar Sharif**, Acting Head, Division of Public Policy, HKUST

**Discussant**

**Giliberto Capano**, Professor, Department of Political and Social Sciences, University of Bologna

***ChatGPT in Action: Personalizing and Equalizing Experiential Learning for Social Entrepreneurship Education***

**Liang Shang**, Department of Social Science and Policy Studies, The Education University of Hong Kong

**Shurui Bai**, Department of Mathematics and Information Technology, The Education University of Hong Kong

***Situated Usage of Generative AI in Policy Education: Implications for Teaching, Learning, and Research***

**Gleb Papyshv**, Division of Social Science, Hong Kong University of Science and Technology

***Generative Artificial Intelligence and Higher Education in India: Policy Discourse of Inclusiveness and Social Equality***

**Arti Devi**, Centre for South Asian Studies, Jawaharlal Nehru University

***Surging Currents: A Systematic Review of the Literature on Dynamic Stakeholder Dialogue in Higher Education in the GAI Era***

**Jiayi Yang** and **Han Qiu**, School of Public Affairs, Xiamen University

**11:00 AM**    **Breakout Session #2**  
 /                **Venue:** Room LSK1014  
**12:30 PM**    **Zoom Meeting ID:** 990 0574 2793 (Passcode: 245819)

**Chair**

**Alex Jingwei He**, Acting Director, Institute for Public Policy, HKUST

**Discussant**

**Kira Matus**, Professor and Associate Head, Division of Public Policy, HKUST

***Unleashing Generative AI: Funding Implications and Insights from China***

**Jiwei Qian**, East Asian Institute, National University of Singapore

***A Paradigm Shift in Higher Education: Redesigning Assessment in the Wake of Generative AI***

**Julia Chen, Dawn Lo, and Leo Chon**, Educational Development Centre, The Hong Kong Polytechnic University

***Generative Artificial Intelligence and Taiwan Higher Education (via Zoom)***

**Yu-Ying Kuo**, Department of Public Administration and Policy, National Taipei University

**12:45 PM**    **Lunch**

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**Venue**

**2:00 PM**

UniBistro & Bar

G/F Lo Ka Chung University Center, HKUST

2:15 PM **Breakout Session #3**  
/  
3:45 PM **Venue:** Room LSK1010  
**Zoom Meeting ID:** 935 4068 6591 (Passcode: 589432)

**Chair**

**Xiaofan Zhao**, Assistant Professor, Division of Public Policy, HKUST

**Discussant**

**Giliberto Capano**, Professor, Department of Political and Social Sciences, University of Bologna

***Role of Agency in Generative AI-based Learning in Higher Education***  
**(via Zoom)**

**Debananda Misra** and **Priya Nirmal**, School of Public Policy, Indian Institute of Technology

***Does Generative AI Revolutionize Higher Education? Perspectives, Policies, and Curriculum Reforms in Top Asian Universities***

**Wilson Wong**, Faculty of Social Science, Chinese University of Hong Kong

***Embracing Agile Governance: Nurturing Innovation and Addressing Challenges of Generative Artificial Intelligence in Higher Education***

**Han Qiu** and **Jiayi Yang**, School of Public Affairs, Xiamen University

2:15 PM

**Breakout Session #4**

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**Venue:** Room LSK1014

3:45 PM

**Zoom Meeting ID:** 990 0574 2793 (Passcode: 245819)**Chair****Xun Wu**, Professor, Thrust of Innovation, Policy and Entrepreneurship, HKUST (GZ)**Discussant****Sean McMinn**, Director, Centre for Education Innovation, HKUST***Regulatory Interventions to Alleviate the Risks of 3Rs – Reviewers, Researchers and Research Respondents – due to Generative AI Models in Qualitative Research (via Zoom)*****Vishnu Sivarudran Pillai**, Kautilya School of Public Policy, GITAM**Kira Matus**, Division of Public Policy, Hong Kong University of Science and Technology***Towards an Evidence-Supported Assessment Policy: Innovative Use of ChatGPT and Other Online Tools*****Dennis Foung**, School of Journalism, Writing and Media, The University of British Columbia**Linda Lin**, English Language Centre, The Hong Kong Polytechnic University**Julia Chen**, Educational Development Centre, The Hong Kong Polytechnic University***Evaluating the Efficacy of ChatGPT in Higher Education: Insights from Pakistan and China (via Zoom)*****Muhammad Azfar Anwar**, Shenzhen University**Fiaz Hussain**, Department of Public Administration, Fatima Jinnah Women University, Pakistan

3:45 PM    **Tea Break**

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4:15 PM

4:15 PM    **Keynote Speech**

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**Venue:** Room LSK1010

5:30 PM    **Zoom Meeting ID:** 935 4068 6591 (Passcode: 589432)

**Moderator**

**Dr Sean McMinn**, Director, Centre for Education Innovation, HKUST

**Speaker**

**Prof Yike Guo**, Provost and Chair Professor of Computer Science and Engineering, HKUST

5:30 PM    **Closing**

6:00 PM    **Dinner**

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**Venue**

7:30 PM    UniQue

2/F, Li Dak Sum Yip Yio Chin Kenneth Li Conference Lodge

# Organizers



The **HKUST Center for Education Innovation (CEI)** is an academic support unit that aims to proactively move forward HKUST's teaching and learning strategy. It collaborates with

Schools, Departments, and Centers to promote the teaching development of faculty and research postgraduates, the adoption of active learning pedagogies, and the use of technologies to support these pedagogies. CEI also focuses on developing curriculum that fosters systematic progression in student achievement towards HKUST's graduate attributes and program intended learning outcomes.

## Mission & Vision

CEI aims to be an expert resource and advocate for evidence-based, active learning, teaching, and curriculum approaches that engage whole person development for a technology-rich 21st century environment. Its mission is to support the University's mission by building teaching staff capacity, supporting professional development, and using research-based data to inform quality improvement in learning, teaching, and curriculum development. CEI strives to positively impact student learning through innovative programs and help teaching staff meet their career goals.



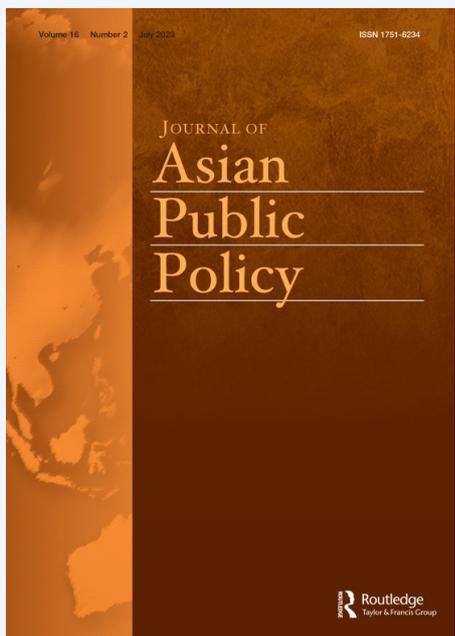
The **HKUST Institute for Public Policy (IPP)** is an organization led by a Director and an Executive Committee. It invites faculty members with research interests in policy to

become Affiliated Faculty and is supported by a dedicated team of administrative and research staff. HKUST IPP's primary focus is on conducting policy research with the potential to significantly impact social, economic, and environmental well-being. Leveraging the university's interdisciplinary strengths, it aims to address key policy challenges in Hong Kong, the mainland, and the region, particularly those related to aging, environmental issues, and social inequalities, with a strong emphasis on evidence-based policy-making.

## Mission & Vision

Contributes to decision-making in the public sector through rigorous and interdisciplinary policy research and education. Our strategic goals include producing high-quality policy research by fostering collaboration among scholars across various disciplines, such as science, business, engineering, and social science. We are committed to contributing to policy dialogues addressing critical challenges faced by Hong Kong, the mainland, and the region while providing public policy training to both current and future generations of leaders.

# Supporting Organization



Published by Routledge, The **Journal of Asian Public Policy (JAPP)** is a reputable international journal dedicated to policy research related to development, public policy and governance in Asia from comparative and international perspectives.

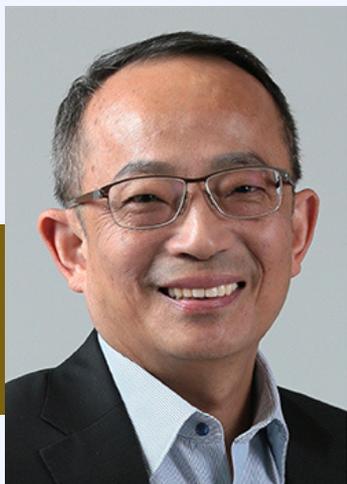
## Aims and scope

**JAPP** welcomes contributions with high-quality scholarly work or policy studies focused on Asia, one of the most vibrant regions of the global economy, with economic profiles that grow on an annual basis. East Asian economies that started to develop somewhat earlier, following the Japanese lead, remain among the most important economies in the world. The emergent regions of South and Southeast Asia have many dynamic economic sectors. Public policy, governance and development issues are drawing increasing attention not only from academia but also from the wider business, professional and policy communities.

Since its official launch in 2008, **JAPP** has become one of the major public policy journals with a strong focus on issues related to development, policy and governance in Asia from comparative and international perspectives. **JAPP**, as one of the key venues for Area Studies, particularly welcomes contributions with strong comparative analysis relevant to current policy debates. Cross-regional studies of Asian interactions with other major global regions, and interdisciplinary and multi-disciplinary research, are definitely welcome. Articles that do not have an explicit Asian focus will be considered if they have clear relevance to an Asian readership.

# Guest of Honour

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**Tim K.T. CHENG**

*Vice President (Research & Development), HKUST*

Prof. Tim Cheng Kwang-Ting, Vice-President for Research and Development at HKUST since April 1, 2022, is a renowned scholar in electronics testing, design verification, and cross-disciplinary research. With a PhD from UC Berkeley, he joined HKUST in 2016 after a distinguished career at UC Santa Barbara and AT&T Bell Labs. Prof. Cheng has held key academic roles and managed substantial research funding. He has an extensive publication record, authored books, and holds multiple patents. Recognized as a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) and the Hong Kong Academy of Engineering Sciences (HKAES), he has received numerous awards and held leadership roles in IEEE and technology advisory groups. In 2020, he secured HK\$443.9 million for the AI Chip Center, contributing to advancements in AI through IC design.

# Keynote Speaker

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**Yike GUO**

*Provost and Chair Professor of Computer Science and Engineering, HKUST*

Prof. Guo Yike assumed office as the Provost of HKUST on December 1, 2022. He is concurrently a Chair Professor in the Department of Computer Science and Engineering. With a first-class honours degree in Computing Science from Tsinghua University and a PhD from Imperial College London, Prof. Guo has been a full Professor in the Department of Computing of Imperial College London since 2002. He was the Founding Director of the Data Science Institute at Imperial College London since 2014. Prior to joining HKUST, Prof. Guo was the Vice President (Research and Development) and Dean of Graduate School at Hong Kong Baptist University (HKBU) from 2020. He has successfully built six institutional multidisciplinary laboratories and transformed the research culture at HKBU. Prof. Guo is a world-leading computer scientist with research focuses on machine learning and data mining for large-scale scientific applications, including distributed data mining methods, machine learning and informatics systems for various industries.

Chair**Magdalena Klemun***Assistant Professor, Division of Public Policy, HKUST*

Magdalena Klemun is an Assistant Professor at the Division of Public Policy. Prior to joining HKUST, Magdalena was a postdoctoral associate at the Institute for Data, Systems, and Society (IDSS) at the Massachusetts Institute of Technology (MIT). Her research interests are in understanding how the economic and environmental performance of technologies evolves as a function of policy and engineering design choices, with a particular interest in the role of hardware vs. non-hardware ('soft') innovations. Magdalena received her Ph.D. from IDSS at MIT, M.S. in Earth Resources Engineering from Columbia University, where she studied as a Fulbright Scholar, and her B.S. in Electrical Engineering and Information Technology from Vienna University of Technology.

Discussant**Masaru Yarime***Associate Professor, Division of Public Policy, HKUST*

Masaru YARIME is an Associate Professor in the Division of Public Policy and the Division of Environment and Sustainability at HKUST. He is also the Director of the MPhil and PhD Programs in Public Policy. His research focuses on science, technology, and innovation policy for energy, environment, and sustainability, with a particular interest in exploring the structure, functions, and evolution of innovation systems involving stakeholders in various sectors. He has contributed to many international initiatives, including the United Nations Environment Programme (UNEP) Finance Initiative on Environmental Risk Integration in Sovereign Credit Analysis. His previous positions include Senior Research Fellow at the National Institute of Science and Technology Policy (NISTEP) of the Japanese Ministry of Education, Culture, Sports, Science and Technology and Associate Professor at the School of Energy and Environment in the City University of Hong Kong.

**Devyani Pande**

*Lee Kuan Yew School of Public Policy, National University of Singapore*

Devyani is a Postdoctoral Fellow at the Lee Kuan Yew School of Public Policy (LKYSPP), National University of Singapore (NUS). She is currently working on policy design for building trustworthy AI in Southeast Asia. Devyani's research interests lie at the intersection of technology policy, public perceptions, and regulation. She has published papers in *Sustainability*, *Policy Design and Practice*, and *Journal of Economic Policy Reform*. Devyani is a passionate advocate for mental wellness among graduate students and has been a peer supporter for students at NUS. She represented NUS at the national level 3-minute thesis (3MT) competition in 2022.

**Paper Title: Challenges of ChatGPT for Higher Education and Policy Responses in Asia**

**Yun Dai**

*Department of Curriculum and Instruction, Chinese University of Hong Kong*

Dr. Yun DAI is an assistant professor from the Department of Curriculum and Instruction, Faculty of Education, at the Chinese University of Hong Kong. Her research interests broadly revolve around AI as a learning tool in higher education and as a subject matter (AI literacy) in K-12 education. Her current work proposes an AI-enhanced doctoral supervision model, where GenAI is conceptualized as an *epistemic* tool for cognitive facilitation. Her research work has been published in world-leading education technology journals such as *Internet and Higher Education*, *Computer & Education*, *British Journal of Education Technology*, and others.

**Paper Title: A Scoping Review of University Policies on Generative AI in Asia: Trends, Gaps, and Future Directions**

**Xun Wu**

*Thrust of Innovation, Policy and Entrepreneurship, Hong Kong University of Science and Technology (Guangzhou)*

Prof. Xun WU is a policy scientist with a strong interest in the linkage between policy analysis and public management. Trained in engineering, economics, public administration, and policy analysis, his research seeks to make contribution to the design of effective public policies in dealing emerging policy challenges across Asian countries. His research interests include policy innovations, water resource management, health policy reform, and anti-corruption, and his work has been published in top journals in his fields of study, such as *Policy Sciences*, *Public Administration Review*, *Governance*, *Social Sciences & Medicine*, and *Water Resources Research*. He is a co-editor of the *Cambridge Studies in Comparative Public Policy* and *Cambridge Elements in Public Policy*. Prof. Wu has been involved extensively in consultancy and executive education. Prior to joining HKUST(GZ), Prof. Wu served as professor at the Division of Public Policy, the Division of Social Science and the Division of Environment and Sustainability of HKUST.

**Paper Title: Design of Policy Research in the Era of Generative AI**

**Zhuoni Zhang**

*Urban Governance and Design Thrust, Society Hub, Hong Kong University of Science and Technology (Guangzhou)*

Prof. Zhuoni ZHANG is Associate Professor in Urban Governance and Design Thrust, Society Hub, HKUST (GZ). She graduated from the Hong Kong University of Science and Technology and worked as a faculty at City University of Hong Kong before she moved to HKUST(GZ). Prof. Zhang's research interest lies in the fields of urban studies, social stratification, and population migration. Her research outputs were published in high-profile journals such as *Social Science Research*, *Biodemography and Social Biology*, *Journal of Ethnic and Migration Studies*, *Demographic Research*, *Chinese Sociological Review*, *BMC Public Health*, and *Social Sciences in China*. Recently she is working on urban studies that emphasize interdisciplinary socio-spatial comparative analysis, knowledge transfer, and social impact. Prof. Zhang has conducted research projects funded by National Education Bureau, Hong Kong Research Grants Council, Macau Government Social Work Bureau, Shenzhen Government, and Shanghai Government.

**Paper Title: Embracing Generative AI in a Research University? Evidence from Students**

Chair**Naubahar Sharif***Acting Head, Division of Public Policy, HKUST*

Prof. Naubahar Sharif's research interests include science, technology and innovation (STI) policy in Hong Kong and within the 'Greater Bay Area' of Southern China; automation in China; and the 'Belt and Road' initiative. In 2011 he completed the Executive Education program in Innovation for Economic Development at Harvard University. At HKUST, Naubahar has been nominated for the Michael G. Gale Medal for Distinguished Teaching, also having won the Interdisciplinary Programs Office's Teaching Excellence Award (in 2020), the School of Humanities and Social Science (SHSS) Best Teacher Award (twice, in 2009 and 2016), and one of his courses was nominated for the Common Core Excellence award. Naubahar's research has had a demonstrable impact on business and his research was one of HKUST's few 'impact case study' submissions (sole-authored) for its 2020 Research Assessment Exercise (RAE).

Discussant**Giliberto Capano***Professor, Department of Political and Social Sciences, University of Bologna*

Giliberto Capano is Professor of Public Policy at the University of Bologna, Italy. He specializes in public administration, public policy analysis, and comparative higher education. His research focuses on governance dynamics and performance in higher education and education, policy design and policy change, policy instruments' impact, the social role of political science, the policy impact of Covid-19, and leadership as an embedded function of policy making. His recent books are: *Changing Governance in Universities: Italian Higher Education in Comparative Perspective* (co-authored with M. Regini and M. Turri; Palgrave, 2016); *A modern Guide to Public Policy* (coedited with M. Howlett, Edward Elgar, 2020); *Convergence and Diversity in the Governance of Higher Education* (co-edited with D. Jarvis, Cambridge University Press, 2020); *Trajectories of Governance How States Shaped Policy Sectors in the Neoliberal Age* (coauthored with A.Zito, J.Rayner, and F. Toth, Palgrave 2022).

**Liang Shang**

*Department of Social Science and Policy Studies, The Education University of Hong Kong*

Dr. SHANG Liang is currently an Assistant Professor in the Department of Social Sciences and Policy Studies at the Education University of Hong Kong. With a primary research interest centered around the intersection of ethics and entrepreneurship, she focuses on examining the roles, practices, and mechanisms of business ventures with a strong overarching social purpose in contributing to social and environmental sustainability. Beyond this focus, she also has a keen interest in exploring emerging methods in social sciences, such as discrete choice experiments and artificial intelligence.

**Paper Title: *ChatGPT in Action: Personalizing and Equalizing Experiential Learning for Social Entrepreneurship Education***

**Gleb Papyshv**

*Division of Social Science, Hong Kong University of Science and Technology*

Gleb Papyshv is a Research Assistant Professor in the Division of Social Science at the Hong Kong University of Science and Technology. His research interests include AI policy and regulation, AI ethics, and corporate governance mechanisms for emerging technologies. The results of his work have been published in *Policy Design and Practice*, *AI & Society*, *Data & Policy*, and *Elgar Companion to Regulating AI and Big Data in Emergent Economies*.

**Paper Title: *Situated Usage of Generative AI in Policy Education: Implications for Teaching, Learning, and Research***

**Arti Devi**

Centre for South Asian Studies, Jawaharlal Nehru University

Arti Devi is a Doctoral candidate from the Centre for South Asian Studies, School of International Studies, Jawaharlal Nehru University, India. The topic of her Doctoral thesis is "Gender and Disasters: A Comparative Study of Kosi Flood of 2008 in Bihar and Tsunami of 2004 in Sri Lanka". Her areas of interest are Gender, Feminism, and other related issues. She has worked as a Guest Lecturer at the University of Delhi, India. She has presented papers at various National and International Conferences and published an article in a peer-reviewed International Journal. You can reach out to her at [artidv84@gmail.com](mailto:artidv84@gmail.com)

**Paper Title: *Generative Artificial Intelligence and Higher Education in India: Policy Discourse of Inclusiveness and Social Equality***

**Jiaxi Yang**

School of Public Affairs, Xiamen University

Jiaxi Yang is a master's student at Xiamen University, majoring in public policy. His research interests lie in the fields of AI, digital government, open data, public policy process.

**Paper Title: *Surging Currents: A Systematic Review of the Literature on Dynamic Stakeholder Dialogue in Higher Education in the GAI Era***

Chair**Alex Jingwei He***Acting Head, Division of Public Policy, HKUST**Acting Director, Institute for Public Policy, HKUST*

Dr. Alex Jingwei He is a tenured associate professor at HKUST's Division of Public Policy. With a PhD in Public Policy from the Lee Kuan Yew School of Public Policy, National University of Singapore, he specializes in policy process theories, policy innovation and entrepreneurship, and social welfare reforms. Dr. He has a prolific publication record in top international journals and is ranked in the world's top 2% of cited scientists in public administration and political science for two consecutive years. His publications appear in leading international journals including *Public Administration Review*, *Governance*, *Policy Sciences*, *Social Science & Medicine*, and *Health Policy*. He serves as the Associate Editor of *Policy & Society* and *Journal of Asian Public Policy*.

Discussant**Kira Matus***Professor and Associate Head, Division of Public Policy, HKUST*

Kira Matus received her PhD in Public Policy from Harvard University in 2009. Her primary research focus is at the intersection of innovation, sustainability science, and public policy, focusing on sustainable production-consumption systems and the policy implications of "green" technologies. She looks at how policy can incentivize innovation- but also at how innovation can feed-back into policy, including approaches like certification and voluntary regulatory tools. Kira also has an interest in scientific expertise in the policy process, which has led to work on the controversies surrounding efforts to control bovine Tb with the culling badgers in the UK and possums in the NZ. Before joining HKUST, she was a Senior Lecturer in Innovation and Sustainability and Deputy Head of Department at UCL STEaPP, and Assistant Professor of Public Policy and Management at the LSE. She was also a Ruffalo Sustainability Fellow in the Sustainability Science Program at Harvard University.

**Jiwei Qian**

East Asian Institute, National University of Singapore

Dr Jiwei QIAN is Senior Research Fellow at the East Asian Institute, National University of Singapore. His most recent book is *The Political Economy of Making and Implementing Social Policy in China* (Palgrave Macmillan, 2021). He is also the co-editor of *Innovation and China's Global Emergence* (with Erik Baark and Bert Hofman, NUS press, 2021). He currently serves as the secretary of the East Asian Social Policy Research Network (EASP) and is the co-editor of the Palgrave book series 'Social Policy and Development Studies in East Asia' (with Ka-Ho Mok). His current research interests include innovation policy, social policy, digital economy, among others.

**Paper Title: *Unleashing Generative AI: Funding Implications and Insights from China***

**Julia Chen**

Educational Development Centre, The Hong Kong Polytechnic University

Dr Julia Chen is the Director of the Educational Development Centre at The Hong Kong Polytechnic University. She holds a PhD in Applied Linguistics and is a Principal Fellow of Advance HE (PFHEA). One of her research interests is leveraging technology and learning analytics for quality enhancement. She leads several large-scale multi-university projects, including a recent one on Generative AI. Julia has won numerous awards, such as the QS Reimagine Education Awards 2022 Breakthrough Technology Innovation in Education Silver Prize, the Hong Kong University Grants Committee Teaching Award 2022 (Collaborative Teams), and the EdTech Heroes Learning Experience Award 2023, to name a few.

**Paper Title: *A Paradigm Shift in Higher Education: Redesigning Assessment in the Wake of Generative AI***

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Dr Dawn Lo is an Educational Development Officer at the Educational Development Centre, The Hong Kong Polytechnic University. She works in the areas of teaching development, quality enhancement, and assessment and grading, and supports the University's strategic initiatives on teaching and learning. Her research interests include student evaluation and assessment, teacher assessment and grading practices, and teacher learning and professional development. Recently Dr Lo has been collaborating with faculty members on teaching development projects on alternative assessment and rubrics, formative assessment, and grade integrity and consistency, to further promote quality assessment and grading practices.

**Paper Title: A Paradigm Shift in Higher Education: Redesigning Assessment in the Wake of Generative AI**

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Mr Leo Chon is an Assistant Educational Development Officer at the Educational Development Centre of The Hong Kong Polytechnic University. He is committed to promoting high-quality teaching and learning activities and assessment practices that incorporate Generative AI. His research interests include online teaching, learning perception, assessment practices, Generative AI, and teaching quality improvement. Leo has also collaborated with academics on projects that enhance grade integrity and consistency, and foster student-staff partnership.

**Paper Title: A Paradigm Shift in Higher Education: Redesigning Assessment in the Wake of Generative AI**

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Dr. Yu-Ying Kuo is professor of public administration and policy at National Taipei University. She obtained her Ph.D. in Public Administration and Policy from the State University of New York at Albany. She was the Dean of Academic Affairs (2016-2019), Dean of Research and Development (2014-2016) and Head of Department of Public Policy and Management (2008-2013) at Shih Hsin University. She was awarded outstanding administrative service in 2016, research in 2008 and teaching in 2007. She published more than 60 academic articles and edited *Policy Analysis in Taiwan* (Policy Press). She authored *Cost-Benefit Analysis* (Hwatai Press), and co-authored *Public Administration* (Tunghua Press) and *Policy Analysis* (Best Wise). Her research interests include policy analysis, public budgeting and financial management, and cost-benefit analysis.

**Paper Title: *Generative Artificial Intelligence and Taiwan Higher Education***

Chair**Xiaofan Zhao***Assistant Professor, Division of Public Policy, HKUST*

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Discussant**Giliberto Capano***Professor, Department of Political and Social Sciences, University of Bologna*

Giliberto Capano is Professor of Public Policy at the University of Bologna, Italy. He specializes in public administration, public policy analysis, and comparative higher education. His research focuses on governance dynamics and performance in higher education and education, policy design and policy change, policy instruments' impact, the social role of political science, the policy impact of Covid-19, and leadership as an embedded function of policy making. His recent books are: *Changing Governance in Universities: Italian Higher Education in Comparative Perspective* (co-authored with M. Regini and M. Turri; Palgrave, 2016); *A modern Guide to Public Policy* (coedited with M. Howlett, Edward Elgar, 2020); *Convergence and Diversity in the Governance of Higher Education* (co-edited with D. Jarvis, Cambridge University Press, 2020); *Trajectories of Governance How States Shaped Policy Sectors in the Neoliberal Age* (coauthored with A.Zito, J.Rayner, and F. Toth, Palgrave 2022).



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Debananda (Deb) Misra is an Assistant Professor at the School of Public Policy, Indian Institute of Technology Delhi. He is also an Honorary Associate Professor at the UCL Institute for Global Prosperity at University College London, UK, and an Affiliate Member of the Centre for Innovation Research at Lund University, Sweden. He is the Associate Editor of the *Higher Education Quarterly* journal. Deb's research focuses on policy, organisation, leadership, governance, and management in higher education, and on the societal roles of universities. He has published peer-reviewed articles in journals including *Higher Education*, *Journal of Workplace Learning*, and *Regional Studies*. Before being an academic, Deb worked in the area of higher education management for over 10 years.

**Paper Title: Role of Agency in Generative AI-based Learning in Higher Education**



**Wilson Wong**

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Wilson Wong is the Founding Director and Associate Professor of Data Science and Policy Studies (DSPS) Programme at the Chinese University of Hong Kong (CUHK), a fellow at the Center of Advanced Study in the Behavioral Sciences (CASBS) of Stanford University, and honorary senior research fellow of UCL. His major research areas include technology, comparative public policy, and public governance. He is the Lead Area Editor of *Data & Policy* (Cambridge University Press) and Associate Editor of *Nature Humanities and Social Science* (Springer). He had served as a visiting fellow at Brookings Institution and Harvard University.

**Paper Title: Does Generative AI Revolutionize Higher Education? Perspectives, Policies, and Curriculum Reforms in Top Asian Universities**



**Han Qiu**

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Han Qiu is a master's student at Xiamen University, majoring in public administration. She holds a dual Belcher's degree in public administration and public service and public policy from Hainan University and Arizona State University in 2022. Her research interests lie in the fields of artificial intelligence, information technology and politics, digital government, and public finance.

**Paper Title: Embracing Agile Governance: Nurturing Innovation and Addressing Challenges of Generative Artificial Intelligence in Higher Education**

Chair**Xun Wu***Professor, Thrust of Innovation, Policy and Entrepreneurship, HKUST (GZ)*

Prof. Xun WU is a policy scientist with a strong interest in the linkage between policy analysis and public management. Trained in engineering, economics, public administration, and policy analysis, his research seeks to make contribution to the design of effective public policies in dealing emerging policy challenges across Asian countries. His research interests include policy innovations, water resource management, health policy reform, and anti-corruption, and his work has been published in top journals in his fields of study, such as *Policy Sciences*, *Public Administration Review*, *Governance*, *Social Sciences & Medicine*, and *Water Resources Research*. He is a co-editor of the *Cambridge Studies in Comparative Public Policy* and *Cambridge Elements in Public Policy*. Prof. Wu has been involved extensively in consultancy and executive education. Prior to joining HKUST(GZ), Prof. Wu served as professor at the Division of Public Policy, the Division of Social Science and the Division of Environment and Sustainability of HKUST.

Discussant**Sean McMinn***Director, Centre for Education Innovation, HKUST*

Dr Sean McMinn joined HKUST in July 2022 as the Director of Center for Education Innovation. Sean holds a PhD in E-Research and Technology Enhanced Learning from Lancaster University, United Kingdom. He first joined HKUST in 2005 and had since taken up various teaching and leadership roles in the Center for Language Education (CLE) and School of Humanities and Social Science (SHSS). Sean had been the Academic Director of the Master Program in International Language Education offered by SHSS (2018-2020) and the Associate Director of CLE (2020). He left the University in 2021 and joined the Hong Kong Polytechnic University as Director of the English Language Centre. Sean has interests in educational technology, digital literacies, and networked learning. He won a Teaching Innovation Award for his work with podcasts and education at HKUST in 2007 and has published and presented at international conferences on the subjects of MOOCs, social media and education, and digital literacies.

**Vishnu Sivarudran Pillai***Kautilya School of Public Policy, GITAM*

Vishnu Sivarudran Pillai received his PhD in Public Policy from The Hong Kong University of Science and Technology in June 2022. His primary research focuses on risk analysis and Artificial Intelligence (AI) technology regulation. The initial findings of his PhD research are published in the journal *Science and Public Policy*, a leading international journal on Public Policies for Science, Technology and Innovation. Vishnu currently works as an Assistant Professor at Kautilya School of Public Policy, GITAM (Deemed to be University), India. Prior to joining KSPP, he worked as a Principal Research Associate at the Indian Institute of Corporate Affairs.

**Paper Title: *Regulatory Interventions to Alleviate the Risks of 3Rs – Reviewers, Researchers and Research Respondents - due to Generative AI Models in Qualitative Research***

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Dennis Fong is a writing teacher at the University of British Columbia, Canada. He holds a doctorate in language education and a number of academic qualifications in the fields of language studies, human resource management and development, professional and vocational education, and data science. Dennis has a keen interest in big data research and its application in the teaching and learning context. He has published papers in journals and book chapters, as well as served as a principal investigator in various analytics-based projects.

**Paper Title: *Towards an Evidence-Supported Assessment Policy: Innovative Use of ChatGPT and Other Online Tools***

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Linda Lin holds a Ph.D. in applied linguistics and works for the English Language Centre of the Hong Kong Polytechnic University. She has extensive experience in L2 language learning and teaching, L2 language writing analysis, and pedagogic development. Her research interests include academic writing, vocabulary learning, corpus analysis, and applications of concordancing in teaching and learning. She has published articles in journals including *Journal English for Special Purposes* and *Journal of English for Academic Purposes*, as well as in edited collections such as *the Routledge Handbook of vocabulary studies*. She is also an editor of the ELR Journal.

**Paper Title: Towards an Evidence-Supported Assessment Policy: Innovative Use of ChatGPT and Other Online Tools**

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**Paper Title: Towards an Evidence-Supported Assessment Policy: Innovative Use of ChatGPT and Other Online Tools**

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Dr Fiaz Hussain has been working as an Associate Professor at the Department of Public Administration, Fatima Jinnah Women University, Rawalpindi, Pakistan. He holds a PhD in 'Government & Public Policy' from National Defence University, Islamabad, Pakistan and postdoc from the University of Reading, United Kingdom. His academic and industry experience spans over 15 years. His research papers have been published in reputed peer-reviewed journals (e.g. *Review of Policy Research*). He has also presented his research work at leading international conferences such as AIB UK&I/Reading IB 2022, the 2022 Annual Conference of Asia Pacific Public Policy Network (AP-PPN), 3rd International Workshops on Public Policy, Budapest 2022, Korean Public Administration International Conference-2022, AOM-PDW Seattle, USA, and Global Design Network (GDN) Workshop, Qatar. His research interests are public policy, social policy and governance.

**Paper Title: Evaluating the Efficacy of ChatGPT in Higher Education: Insights from Pakistan and China**

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**Paper Title: Evaluating the Efficacy of ChatGPT in Higher Education: Insights from Pakistan and China**



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