

About the Speakers:

Session 1: Economy and AI

Title: Workplace and Employment



Dr Zhou Shihao is a lecturer in economics at the Singapore University of Social Sciences. He holds a PhD in economics from Nanyang Technological University. Before joining academia, he worked as a data scientist at Standard Chartered and as an economist at Terrenus Energy. His research centres on energy economics, with a particular focus on Singapore's electricity market, including market efficiency, price formation, and the policy design underpinning the transition to cleaner generation. He also works on empirical macroeconomics and the Chinese economy, where he applies panel and factor methods to estimate the Phillips curve and the dynamics it implies. His research has been published in the Journal of Economic Behavior & Organization, The World Economy, and the Singapore Economic Review.

Synopsis: This talk explores the evolving relationship between artificial intelligence and employment, with a focus on Singapore. It considers how AI may reshape jobs and the labour market within the broader macroeconomic environment. The discussion will examine emerging opportunities and challenges, as well as their implications for Singapore's economy, workforce, and future of work.

Title: From AI Models to Public Value: Designing and Implementing AI for Society



Dr Lim Kwan Hui is a Senior Lecturer of AI and Business Analytics at the School of Business, Singapore University of Social Sciences. His research focuses on artificial intelligence, data mining, social computing, urban analytics, and recommendation systems, with applications to cities, businesses, and society. He has published over 100 research papers and secured more than S\$11 million in competitive research funding, including support from Singapore's Ministry of Education, National Research Foundation, Ministry of National

Development, and DSO National Laboratories. His work has been applied to smart estate monitoring and social media analytics for government agencies. He has also served on advisory committees for Singapore government agencies and as an AI advisor to industry.

Synopsis: This talk examines how Artificial Intelligence can be translated from technical models into practical public value across social, urban, and educational settings. Drawing on research in urban sensing, recommender systems, optimization, trustworthy AI, and AI-enabled education, we discuss how AI can support more effective and evidence-based decision-making. Through applications spanning urban wellbeing, mobility, public services, and learning, the talk highlights how context, fairness, privacy, robustness, and human oversight shape the design and implementation of responsible AI systems.

Title: Future Skills and Lifelong Employability



Mr Teh Chong Mien is Director-Designate of SUSS Academy at the Singapore University of Social Sciences, where he champions lifelong learning and workforce capability development. He brings over 25 years of experience in technology leadership, organisational transformation and digital innovation across Asia. Previously, he was Managing Director for Singapore and South Asia Operations at NEC Asia Pacific and held senior leadership roles at NCS, StarHub, Oracle, Sun Microsystems and IBM. At NEC, he established the

Asia Pacific Future Academy to build digital and artificial intelligence capabilities. His work spans enterprise strategy, public-private partnerships and talent development. He is passionate about connecting education, industry and community to help individuals and organisations adapt, remain relevant and thrive in a changing economy.

Synopsis: As AI reshapes the economy, lifelong learning is essential to sustained employability. This session explores how educators, policymakers and industry can work together to develop future skills, support career transitions and build accessible learning pathways that help individuals remain adaptable and relevant throughout their working lives.

Session 2: Social Goods and AI

Title: AI and Resilient Families: From Behavioural Insights to Future-Ready Families in Singapore



Mr Joshua Soh heads the strategy, transformation and innovation teams in Allkin Singapore, which is a community-centric social service agency that journeys with over 30,000 vulnerable individuals from all walks of life. He is passionate about developing the AI and data readiness of the social service sector to maximize the benefits of AI adoption. In Allkin, he is responsible for leading the establishment of the organisational strategy which includes the AI innovation and data transformation roadmap. During his 15 years of working in

private, public and non-profit organisations, he has been an advocate for cultivating organisational and sector-wide digital innovation through strategic collaborations and user-centric change management, which he continues to do so in his current role.

Synopsis: This presentation explores what it means to build resilient families in Singapore and the challenges faced by families in doing so, particularly among the Family Service Centres' clients. Drawing on behavioural economics, it examines why these individuals and families may struggle to make choices that strengthen resilience. It then explores how AI could address these behavioural barriers. Finally, we consider how such solutions can move from theory to reality and what the future of AI-enabled family resilience could look like in Singapore

Title: mHealth and Digital Therapeutics for Community Health



Professor Andy Hau Yan Ho PhD, EdD, MFT, is Provost's Chair Professor of Psychology, and Professor of Psychology and Medicine at Nanyang Technological University (NTU) Singapore. A multi-award-winning psychologist and social scientist, his work spans thanatology, gerontology, psychotherapeutics, digital health, and community empowerment. He is President of the International End-of-Life Doula Association (INELDA), Past President of the Association for Death Education and Counseling (ADEC), and a Fellow of the International Work

Group on Death, Dying, and Bereavement (IWGDDDB). A clinical innovator, he has founded 15 acclaimed psycho-socio-spiritual interventions for health and mental health promotion, including the Family Dignity Intervention for advancing holistic palliative care, CADENCE D-PHA for augmenting chronic disease management, and ARTISAN for alleviating loneliness and building resilience. A prolific writer and speaker, he has authored over 180 top-tier publications and delivered over 300 keynotes and plenary lectures worldwide, driving evidence-informed practices and policies that foster resilient and compassionate citizenry for overcoming major life adversities. Professor Ho's scholarly and social contributions have earned distinguished recognition around the globe.

Synopsis: mHealth technology and personalised digital therapeutics offer a practical means of empowering chronic disease self-management in the community. This presentation shares qualitative findings on patient usage experiences with CADENCE D-PHA (Cardiovascular Disease National Collaborative Enterprise Digital Personal Health Assistant), which combines education, self-monitoring, medication reminders, and AI-supported human health coaching for hypercholesterolemia. Thematic analysis revealed that the digital tools supported accountability and healthier lifestyles, while human health coaching helped patients translate and apply knowledge in real-world settings. The session will introduce the application as an example of community health innovation.

Title: Inclusive Society: Centering Disability



A/P Kuansong Victor Zhuang is Assistant Professor in Disability Communication at the Wee Kim Wee School of Communication and Information, Nanyang Technological University. He was a UK Chevening scholar in 2013/14, a 2022/23 Princeton University Fung Global Fellow and a visiting fellow at the University of Sydney in 2023/24. Prior to joining academia, he worked at SG Enable, the national agency for disability for over 7 years. His research lies at the intersections of communications, media, and cultural studies, and disability

studies, especially as it pertains to inclusion and the workings of technology. He hopes to use his research to contribute to current debates about how inclusion happens both in Singapore and around the world.

Synopsis: This talk reflects on what it means to center disability in the building of an inclusive society, and on the implications of doing so amid the broader embrace of AI across contemporary societies. How might disability generate new ways of thinking and doing when it comes to the design, development, and governance of AI? What might centering disability reveal about the kinds of technological futures—and societies—we are seeking to build, both in Singapore and globally?

Session 3: Sustainability and AI

Title: AI for Humanity as SDG#18: From One Vision to Eight Billion Contributors



Dr. James Ong has 4 decades of industry, venture and academic experience. He founded Artificial Intelligence International Institute (AIII) in 2017, an AI think tank advocating Sustainable AI for Humanity and an active champion of AI for Humanity as UN SDG 18. He is co-author of AI for Humanity and 人本人工智能. James is Adjunct Professor at SUTD, Chairman of Program Advisory Committee for Master of AI for Business at SUSS, Head of AI and Industry Fellow at GFI, Exco at ACXOA, CEO of Origami Frontiers and venture partner at Delight Capital.

He received his PhD from the University of Texas at Austin specializing in AI for Computational Governance.

Synopsis: At the 2025 UN General Assembly, Secretary-General António Guterres called on the global community to build a future of AI with humanity, by humanity, and for humanity. Delivering on that vision is an uphill task: it demands cooperation across nations and the orchestration of 8 billion people around a single goal — ensuring AI serves humanity through a holistic balance of technology, commercialisation, and governance. Establishing AI for Humanity as SDG#18 is the essential first step.

Title: Environment



A/P Edmund Low is currently an Associate Professor with NUS College at the National University of Singapore. He has nearly 20 years of academic and professional experience in the use of data-driven tools to answer questions in sustainability and the environment. His past projects include applying AI and mathematical models for climate change mitigation and environmental impact assessment. He is the founding co-ordinator of the Reasoning with Data pillar at NUS College, and teaches courses on environmental sustainability, data science

and machine learning. As an educator, A/Prof Low is a multiple recipient of his faculty's and NUS' teaching excellence awards. He holds a PhD in Environmental Engineering from Yale University.

Synopsis: Sustainability encompasses diverse aspects, and good data and analytical tools are essential in parsing the complexities of this multi-faceted topic. The proliferation of data, and the advent of artificial intelligence tools, have opened new possibilities in analysing environmental datasets, testing sustainability hypotheses, and

guiding decision-making. This talk covers the potential intersection between AI and sustainability, and how AI can contribute to better understanding, and solving, sustainability challenges.

Title: AI Governance



Dr Tan Wei Chian is a Scientist/Industry Practitioner with undergraduate, master and doctorate in engineering from Nanyang Technological University, Wei Chian has been in the industry for more than 10 years. He is interested in data-driven automation, and has worked and contributed on topics ranging from learning-based appraisal of maritime designs, systematic validation of the safety of autonomous vehicles, sustainable mobility to LLM-powered financial applications. Besides the research component, he has participated and driven multiple AI engineering projects in the industry leading to deployment in production environment and ultimate adoption by business users. As a part of PhD research, he also spent some time in Massachusetts Institute of Technology working at the intersection of computer vision and neuroscience. His publications can be found at flagship venues such as the International Conference on Robotics and Automation (ICRA), the International Conference on Automation Science and Engineering (CASE) and the IEEE Transactions on Automation Science and Engineering (T-ASE). Over the years, besides the industry, his academic collaboration network spans from Carnegie Mellon University, Rice University to Xi'an Jiaotong University.

Synopsis: This open-ended session tries to address the topic of AI governance from the perspective of risk and sustainability via real-world examples, with the aim of providing some useful thoughts for policy making. Starting with a systematic approach for risk validation of an AI system, within the operational domain of a specific use case, the key scenarios to consider are identified and test cases are generated for a holistic assessment of the risks. Next, the question of how AI can play a more proactive role such as self-governance and continuous improvement is raised and explored.

About Session Chairpersons

Session 1



A/P Walter Theseira
School of Business, SUSS

A/P Walter Theseira is an Associate Professor of Economics, School of Business, Singapore University of Social Sciences. His Ph.D. is in Applied Economics and Managerial Science from the Wharton School, University of Pennsylvania. His areas are applied microeconomics, behavioural, and experimental economics. His research has been published in the

Proceedings of the National Academy of Sciences and the Journal of Economic Behavior and Organisation. His policy research covers housing integration with the Ministry of National Development, vehicle quota auctions with the Land Transport Authority, and the

Singapore Retirement and Health Survey. He has served as an economics research advisor for several Singapore Government agencies, and is a Board Member of the Competition and Consumer Commission of Singapore. He was a Nominated Member of Parliament in the 13th Parliament of Singapore.

Session 2



Dr Shane Tan Tsiat Siong
Behavioural Insights Centre of Excellence, SUSS

Dr Tan Tsiat Siong (Shane) is a Senior Lecturer at the School of Business, Singapore University of Social Sciences (SUSS), and Deputy Director of the Behavioural Insights Centre of Excellence (BICE) at SUSS. He holds a PhD in Interdisciplinary Graduate Programme from Nanyang Technological University (NTU), an MSc in Applied Economics from the National University of Singapore (NUS), and a BA with Honours in Economics from NTU. His research interests include cost-benefit analysis, energy and environmental economics, sustainability, applied microeconomics and applied econometrics. His research examines important economic and public policy issues, including the economic impact of transboundary haze, energy market policies, environmental sustainability, heritage institutions, and crime and punishment. Dr Tan has published in international academic journals.

Session 3



Dr Randolph Tan
Associate Professor, SUSS

Associate Professor Randolph Tan currently serves as the Director of the Node for Impactful Continuing Education (NICE) at the Singapore University of Social Sciences (SUSS). Before this, he was Director of its Centre for Applied Research (CFAR) from 2015-2024. He earned his PhD in Econometrics from Monash University, Australia. He has held academic positions at the Nanyang Business School and the School of Humanities and Social Sciences at NTU. His research interest lies in applied labour market research, changing demands in skills and the acquisition of in-demand skills to facilitate workers' transition to adjacent higher-skilled roles. Associate Professor Tan has conducted analysis on the changing profile of the labour market and has expressed his views on the Singapore Government's Budget on productivity, CPF, and the employment credit scheme.