NSTC and CMU Joint Generative AI Strategy Forum

國科會暨中國醫藥大學主辦

生成式醫療人工智慧閉門策略論壇

時間：July 17, 2024, 8:00 AM

地點：集思台中新烏日會議中心(Taichung Xinwuri Convention Center) 瓦特廳(301 會議室)

形式：專家閉門會議，特邀國內有興趣發展醫療生成 AI 的醫療院所，參與本論壇，除了意見交換，期能定錨未來國家於生成式醫療人工智慧之發展策略 (因牽涉美國商業顧問公司規範，故僅能開放各院所 3 位名額)，報名網址：https://reurl.cc/MO320K (120 名，額滿為止)。

08:00AM-08:25AM	報到　Registration

08:25AM-08:30AM	歡迎致詞　Welcome Ming-Chi Hung, President of CMU

08:30AM-09:10AM (QA 20 mins)	主題演講　Keynote The Potential Impact of Artificial Intelligence on US Healthcare Spending [講者] Nikhil Sahni, McKinsey [主持人] Joseph Chin-Chi Kuo

---

09:30AM-09:50AM	Coffee Break

09:50AM-10:30AM (QA 20 mins)	產業視角　Industry Viewpoints Google's Approch to AI Governance [講者] Chester Chua, Head of Government Affairs & Public Policy, Google Cloud [主持人] Hsiu-Yin Chiang

---

10:50AM-11:30AM (QA 20 mins)	學研應策　Academic Reaction and Perspectives Generative AI in Computational Smart Healthcare – Digital Health Perspective 生成式 AI 在智慧醫療產業上的契機 [講者] Jung-Hsien Chiang, Distinguished Professor, National Cheng Kung University [主持人] Chuen-Liang Chen

---

Nikhil Sahni

Partner, Boston

McKinsey & Company

Mr. Sahni，是美國頂尖顧問公司- 麥肯錫- 的合夥人，對於人工智慧對於醫療經濟的真實影響，有極為深入的研究。並在2023年，為新英格蘭雜誌 (NEJM)針對此議題撰寫綜論文章。此次能邀請Sahni先生為台灣的醫界前輩進行演講，實為難得之機會! 對於台灣在生成式人工智慧的年代，如何有效部署資源，相信會帶來極大的啟發!

Nikhil is a partner in our Boston office, serving organizations across the healthcare spectrum—including providers, payers, distributers, and manufacturers—on corporate strategy, business-unit strategy, inorganic growth, and operational efficiency. He is also a leader in McKinsey's Center for US Healthcare Improvement where he works to reshape the healthcare delivery ecosystem to reduce productivity inefficiencies, improve patient outcomes and manage overall spending.

Nikhil was the lead author on "The Productivity Imperative in US Healthcare Delivery, Administrative simplification: How to save a quarter-trillion dollars in US healthcare," and "Artificial Intelligence in US Health Care Delivery", among other contributions to the productivity series. He is also a fellow with Professor David Cutler at the Harvard University Department of Economics.

He serves on the board of Health Care Without Harm, a global not-for-profit working at the intersection of health and sustainability, and on the Corporation for the Belmont Hill School. Nikhil received MBA and Masters in Economics from Harvard University. He also holds a B.S. in Finance, B.A.Sc. in Biomedical Engineering, and B.A. in Indian Studies from the University of Pennsylvania.

Chester Chua

Head of Government Affairs & Public Policy, Google Cloud

Mr. Chua，是Google 亞太區政策與政府事務主管，專注理解生成式AI平台與政府框架之磨合與落地應用。近期與新加坡政府的互動與實務經驗，應值得台灣借鏡與推廣。是否能在合規與數據有效利用之間，取得務實的平衡，也值得醫界先進深入理解探討!

Chester Chua leads Google Cloud's government affairs and public policy efforts in Singapore and AI policy efforts across Asia-Pacific. In his current role, he represents Google to serve on the Executive Committee of the Asia Cloud Computing Association (ACCA) – Asia's apex industry association for stakeholders of the cloud computing ecosystem – and previously the Board of Directors of the Asia Securities Industry & Financial Markets Association (ASIFMA) – the region's leading industry association for capital markets.

Prior to joining Google, Chester spent almost a decade in government affairs and real estate development roles at Las Vegas Sands Corp. and Temasek Holdings, where he spearheaded efforts in pursuit of real estate development opportunities in various markets, such as Japan, Singapore and Vietnam.

Previously as Head of International Relations at the Singapore Ministry of Finance, Chester led the Ministry's engagements related to international finance and economics, working closely with a range of stakeholders in various multilateral organizations and forums, including the G-20, IMF, World Bank, APEC, and ASEAN.

Chester holds a Master of Public Administration in International Development from the Kennedy School of Government at Harvard University, and a Bachelor of Arts in Economics from the University of California, Berkeley.

Online

Jung-Hsien Chiang

Distinguished Professor, Computer Science

蔣教授，目前擔任成大醫院健康數據資源中心執行長，在人工智慧醫療的應用，有極豐厚的實務經驗。隨著生成式AI的浪潮席捲而來，如何將日新月異的人工智慧技術轉譯於醫療端的真正落地服務，已是醫療產業無可迴避的挑戰。蔣教授將帶來深入淺出的分享並以此建言政府資源的部署策略與方向。

Dr. Chiang received his Ph.D. degree in computer engineering from the University of Missouri, Columbia, in 1995. He began his research in artificial intelligence (AI) the same year, developing smart controller algorithms for multimedia information servers in cyber communities.

In the early 2000s, Dr. Chiang and his teams contributed new techniques for developing biomedical text mining models, including data analytics, pattern extraction, and literature classification. This led to the implementation of software prototypes that assist biomedical researchers in rapidly extracting useful knowledge from vast numbers of biomedical documents, thereby improving the understanding of gene function annotation in the Human Genome Project.

His current research interests include large-scale generative AI modeling in medical text mining, pattern clustering, and computational healthcare modeling in hospitals.

National Cheng Kung University
1931