iv. Programme Schedule

Tentative Programme Schedule of MetaACES 2025 (as of 12 June 2025)

Day 1: 18 June, 2025 (Wednesday), EdUHK, Hong Kong SAR		Venue
09:00 | 09:30	**Registration**	Reception
09:30 | 10:00	**Opening Ceremony**	Room 1
10:00 | 10:15	**Break**	Reception
10:15 | 11:00	**Keynote Speech 1 of CTE-STEM 2025** *Transforming Learning and Education in the Era of AI* Speaker: Prof. Cynthia BREAZEAL (Massachusetts Institute of Technology, United States) Moderator: Prof. Siu Cheung KONG (The Education University of Hong Kong, Hong Kong SAR)	Room 1
11:00 | 12:30	**Academic Paper Presentation of MetaACES 2025 Session 1 (English)** Session Chair: Prof. Yanjie SONG (The Education University of Hong Kong, Hong Kong SAR) *Exploring Self-Regulated Learning Through an English Speaking Task in an Immersive Virtual Reality Environment: A Sequential and Cluster Analysis (paper 33)* Lei TAO, Yanjie SONG, Jiachen FU, Kaiyi WU *Investigating the Potential of 6DoF AR Glasses in Educational Metaverse Applications (paper 34)* Yuehan ZHAI, Lijie ZHANG, Shuang JI	Room 1
12:30 | 13:30	**Lunch**	Reception
13:30 | 14:15	**Keynote Speech 1 of MetaACES 2025** *A New Framework for Human-Technology Collaborative Cognition and Creation in the GenAI Era* Speaker: Prof. Zhiting Zhu (East China Normal University, China) Moderator: Prof. Yu-Ju LAN (National Taiwan Normal University, Taiwan)	Room 1
14:15 | 14:30	**Break**	Reception

14:30 | 14:45	**Teacher Forum Paper Presentation of MetaACES 2025 Session 2 (English)** Session Chair: Dr. Yin YANG (The Education University of Hong Kong, Hong Kong SAR) *Harnessing Retrieved Augmented Generation for Data-Driven Learning (paper 31)* Eric Yu Kin CHAN	Room 1
14:45 | 16:15	**Academic Paper Presentation of MetaACES 2025 Session 3 (English)** Session Chair: Prof. Hui-Chun HUNG (National Central University, Taiwan) *ChatGPT Addiction, Self-Efficacy, and Continuous Intention: Differences in Gender, Academic Majors, and Purposes of Use (paper 4)* Pin Hui JIANG, Jon Chao HONG *AI-Driven Educator Persona Generation: An Intelligent Framework for Personalized Online Course Video Production (paper 9)* Jin-huang QUE, Ya-qi KONG, Xiao-rong YU, Xu CHEN *The Impact of Voice-Based Embodied English Chatbot on Learners' English Learning Motivation (paper 13)* Ying-Qi SHIH, Hui-Chun HUNG, Shu-Fen HUANG	Room 1
14:30 | 16:15	**Teacher Forum Paper Presentation of MetaACES 2025 Session 4 (Chinese)** Session Chair: Prof. Yi-Ju WU (University of Taipei, Taiwan) *Fostering Computational Thinking and AI Literacy Through Cross-Disciplinary STEAM Education: A Case Study of the "AI Chameleon" Project for P.6 Students* *結合AI技術與跨學科STEAM課程培養學生運算思維能力與人工智慧素養：以五年級「人工智慧奇異變色龍」課題為例 (paper 8)* Chi Yan WONG, Wai Lung MUNG, Wai Lam CHU *Practical Experience of Artificial Intelligence + Digital Education in Integrating Learning and Teaching in Primary Schools* *人工智慧+數字教育在小學融入學與教的實踐經驗 (paper 14)* Ka Man WAT, Oi Yuen CHENG, Long Yuen YU, Ching Long NGAN *Using Metaverse Cospace to Design a Virtual Church Tour* *透過Metaverse Cospace以虛擬環境創造聖堂導覽 (paper 25)* Ka Yin CHAN *Learning for Good: Exploring Co-Creative Interdisciplinary Learning in the Era of Generative AI* *探索生成式人工智能時代 如何驅動跨學習領域的同創共學 (paper 28)* Ka Ki Spike HO, Suzanne Tse Shan SUEN	Room 3

	Artificial Intelligence Education of Hong Kong Secondary Schools – Cultivating Ethical Values 香港中學的人工智能教育 - 培育倫理價值觀 *(paper 29)* Chi Wai Jimmy LAM *Promoting Technological Innovation Education in K-12: Cultivating Artificial Intelligence, Metaverse, and Innovative Thinking* 在 K-12 推動科技創新教育：K-12 人工智能、元宇宙與創新思維培育 *(paper 30)* Fu Yuen CHUNG, Po Chi IU	
16:15 | 17:00	**Keynote Speech 2 of CTE-STEM 2025** *AI-Empowered Open-Ended Learning Environments in STEM Domains Application to SPICE: Science Projects Integrating Computing & Engineering* Speaker: Prof. Gautam BISWAS (Vanderbilt University, United States) Moderator: Prof. Siu Cheung KONG (The Education University of Hong Kong, Hong Kong SAR)	Room 1

Day 2: 19 June, 2025 (Thursday), EdUHK, Hong Kong SAR		Venue
09:00 | 09:30	**Registration**	Reception
09:30 | 10:15	**Keynote Speech 2 of MetaACES 2025** *AI-Driven Immersive Learning: The Future of Metaverse & Education* Speaker: Dr. Yung-Hui LI (AI Research Center, Hon Hai Research Institute, Taiwan) Moderators: Prof. Yu-Ju LAN (National Taiwan Normal University, Taiwan)	Room 1
10:15 | 10:30	**Break**	Reception
10:30 | 11:15	**Invited Speech of CTE-STEM 2025** *Transforming Education in Cambodia: Advancing STEM Through Education Technology* Speaker: Mr. Tha SOK (Director of the Digital Transformation Department, MoEYS Cambodia) Moderator: Prof. Siu Cheung KONG (The Education University of Hong Kong, Hong Kong SAR)	Room 1
11:15 | 12:05	**Academic Paper Presentation of MetaACES 2025 Session 5 (English)** Session Chair: Prof. Ting-Chia HSU (National Taiwan Normal University, Taiwan) *Designing Architecture and Application Interfaces for Educational Robotics based on Advanced Hardware Components (paper 17)* Bartol BORAS, Antun DROBNJAK, Lovro JAKIC, Ivan TERZIC, Ivica BOTICKI *University Students' Perceptions of Language Learning in Immersive Learning Environments: An Artefact Analysis Perspective (paper 32)* Yin YANG, Siu Cheung KONG	Room 3
12:05 | 12:30	**Academic Paper Presentation of MetaACES 2025 Session 6 (Chinese)** Session Chair: Prof. Yu-Ju LAN (National Taiwan Normal University, Taiwan) *Challenges and Strategies of ChatGPT in Foreign Language Teaching: A Literature Review Based on Articles Published in the Past Three Years ChatGPT 在外语教学中的挑战与应对－ 一项基于近三年文献的研究 (paper 20)* Wen SHEN, Chunlin LEI, Meimei WANG	Room 3
12:30 | 13:30	**Lunch**	Reception

13:30 | 14:15	**Keynote Speech 3 of CTE-STEM 2025** *The Effectiveness of AI-Based Support for Engagement During Video-Based Learning* Speaker: Prof. Tanja MITROVIC (University of Canterbury, New Zealand) Moderator: Prof. Tak-Wai CHAN (National Central University, Taiwan)	Room 1
14:15 | 14:30	**Break**	Reception
14:30 | 16:00	**Workshop of CTE-STEM 2025** *AI and Data Modeling in Open-Ended STEM Learning Environments* Speaker: Prof. Gautam BISWAS (Vanderbilt University, United States) Moderator: Dr. Daner SUN (The Education University of Hong Kong, Hong Kong)	Room 3
14:30 | 15:30	**Academic Paper Presentation of MetaACES 2025 Session 7 (English)** Session Chair: Prof. Tak-Wai CHAN (National Central University, Taiwan) *The Art of Unlearning: An Exploration of the Affective Privacy Unlearning Model in Online Education (paper 10)* Yaowen KUANG, Junjie Gavin WU, Yiyu WU, Tao WANG *Minecraft Metaverse: Transforming STEAM Education through Interactive, Game-Based Learning for Enhancing Student Engagement and Skill Acquisition (paper 12)* Manpreet SINGH *Developing a Family AI Book Talk Companion: Leveraging AI to Improve Parent-Child Reading Discussion Quality (paper 21)* Yi-Cheng TSAI, Chang-Yen LIAO, Tak-Wai CHAN	Room 2
15:30 | 16:00	**Academic Paper Presentation of MetaACES 2025 Session 9 (Chinese)** Session Chair: Prof. Tak-Wai CHAN (National Central University, Taiwan) *Exploring the Therapeutic Leisure Applications of Virtual Reality for Long-Term Hospitalized Patients with Chronic Mental Illness* 探究虛擬實境於長期住院慢精神疾病患者之治療性休閒活動應用成效 *(paper 11)* Li-Yu CHEN, Chia-hui HUNG	Room 2
14:30 | 16:00	**Academic Paper Presentation of MetaACES 2025 Session 8 (Chinese)** Session Chair: Prof. Chia-Hui HUNG (Chung Shan Medical University, Taiwan) *Investigating the Application of Augmented Reality in Enhancing Memory Function in Patients with Schizophrenia* 應用擴增實境於促進思覺失調患者記憶力之成效探討 *(paper 7)* Siang-Ruei LI, Chia-Hui HUNG	Room 1

	The Effect of AI-Assisted Technology on Students' Mandarin Speaking Proficiency *AI 科技技術輔助對學生華語口說能力之成效影響 (paper 15)* Feng-Huang LIN, Yu-Ju LAN, Chung-Hao HUANG *AI or Not AI, That Is a Question* *人工智能：使用还是回避？(paper 19)* Meimei WANG，Chunlin LEI, Wen SHEN *Under the Perspective of Human-AI Co-Education: Construction and Application of the "Tripartite Co-Creation" Classroom Teaching Model* *人机共育视域下"三元共创"课堂教学模式的构建与应用 (paper 22)* Hui-Min ZHANG, Wei LIANG, Xiao YANG	
16:00 | 16:45	**Keynote Speech 3 of MetaACES 2025** *Co-Creating AI Literacy to Empower Future Generations* Speaker: Dr. Linda MANNILA (University of Helsinki, Finland) Moderator: Prof. Ting-Chia HSU (National Taiwan Normal University, Taiwan)	Room 1
16:45 | 17:00	**Housekeeping Announcement**	Room 1

Day 3: 20 June, 2025 (Friday), SUSTech, Shenzhen	Venue
Intelligent Technology Education Equipment Exhibition (智慧科技教育装备展)	
09:00 | 18:30	**Exhibiting Unit (参展单位):** Yizhao Technology (Shenzhen) Co., Ltd. (奕兆科技（深圳）有限公司); MagicStar (Shenzhen) Education Technology Co., Ltd. (麻吉星（深圳）教育科技有限公司); Guangzhou AVA Electronic Technology Co., Ltd. (广州市奥威亚电子科技有限公司); Onion Academy (洋葱学园); Beijing Zhongqing Modern Technology Co., Ltd. (北京中庆现代技术股份有限公司); UBTECH Robotics Corp Ltd. (深圳市优必选科技股份有限公司); iFLYTEK Co., Ltd. (科大讯飞股份有限公司); Topsec Technologies Group, Inc. (天融信科技集团股份有限公司); Shenzhen Wansi Future Innovation Technology Co., Ltd. (深圳市万思未来教育科技有限公司); EEO Empower Education Online. (北京翼鸥教育科技有限公司); SUSTech School of Design (南科大创新创意设计学院); Shenzhen Future 3D Edu Tech Co., Ltd. (深圳未来立体教育科技有限公司) Guangzhou Shirui Electronics Co., Ltd. (广州视睿电子科技有限公司（希沃）); Beijing Volcano Engine Technology Co., Ltd. (北京火山引擎科技有限公司（字节跳动旗下）)	Second Floor of the Conference Center （南科大会议中心二楼）
Plenary (全体会议)	
09:00 | 09:20	**Opening Ceremony** Speaker: Dr. Ling ZHANG (张凌, 学校党委副书记) Prof. Yuehong CHEN (陈跃红, 人文社科学院院长, 讲席教授) Prof. Yurong GUO (郭雨蓉, 未来教育研究中心教授)	Conference Center Concert Hall （南科大会议中心音乐厅）
09:20 | 09:45	**Keynote Speech 1** *"通用智慧同伴假说"与"全球和幸"* Speaker: Prof. Tak-Wai CHAN (National Central University, Taiwan) Moderators: Prof. Jianhua ZHAO (Southern University of Science and Technology, China)	
09:45 | 10:10	**Keynote Speech 2** *AI 赋能智慧教育的创新框架* Speaker: Prof. Zhiting ZHU (East China Normal University, China) Moderators: Prof. Jianhua ZHAO (Southern University of Science and Technology, China)	

10:10 **|** **10:35**	**Keynote Speech 3** *人工智能与规模化个性化学习：机遇与关切* Speaker: Prof. Ronghuai HUANG (Beijing Normal University, China) Moderators: Prof. Jianhua ZHAO (Southern University of Science and Technology, China)	
10:35 **|** **10:50**	**Break**	Reception
10:50 **|** **11:15**	**Keynote Speech 4** *AI 时代教育本质的思考* Speaker: Prof. Qintai HU (Guangdong University of Technology, China) Moderator: Prof. Shaoqing GUO (Northwest Normal University, China)	Conference Center Concert Hall (南科大会议中心音乐厅)
11:15 **|** **11:40**	**Keynote Speech 5** *教育数字化开辟（赋能）的教育新赛道* Speaker: Prof. Shaoqing GUO (Northwest Normal University, China) Moderator: Prof. Shaoqing GUO (Northwest Normal University, China)	
11:40 **|** **12:05**	**Keynote Speech 6** *The Challenges and Solutions of Using Generative Artificial Intelligence in School Education: A Three Dimension Framework of Understanding, Using and Unleashing* Speaker: Prof. Siu Cheung KONG (The Education University of Hong Kong, Hong Kong SAR) Moderator: Prof. Shaoqing GUO (Northwest Normal University, China)	
12:05 **|** **12:30**	**Keynote Speech 7** *Generative AI for Student Agency and Collaborative Knowledge Building* Speaker: Prof. Carol CHAN (The University of Hong Kong, Hong Kong SAR) Moderator: Prof. Shaoqing GUO (Northwest Normal University, China)	
12:30 **|** **14:00**	**Lunch**	
Parallel Session 1: K12 Forum (平行会议一：K12 论坛)		
14:00 **|** **14:20**	**Invited Speech 1** *科学精神与科学素养：《高科技十万个为什么》* Speaker: Prof. Qingsong LIU (Southern University of Science and Technology, China) Moderator: Prof. Pengze WU (South China Normal University, China)	
14:20 **|**	**Invited Speech 2**	

14:40	*GenAI Competencies for University Teachers: Another Teacher Competency Framework?* Speaker: Prof. Cher Ping LIM (The Education University of Hong Kong, Hong Kong SAR) Moderator: Prof. Pengze WU (South China Normal University, China)	
14:40 | 15:00	**Invited Speech 3** *Harnessing AI Agents for Enhanced Research Productivity: From Ideas to Implementation* Speaker: Prof. Xiangen HU (The Hong Kong Polytechnic University, Hong Kong SAR) Moderator: Prof. Pengze WU (South China Normal University, China)	
15:00 | 15:20	**Invited Speech 4** 在线学习环境下学习倦怠规律分析及干预研究 Speaker: Prof. Changqin HUANG (Zhejiang University, China) Moderator: Prof. Pengze WU (South China Normal University, China)	
15:20 | 15:40	**Invited Speech 5** *Applying Generative AI in Teaching & Learning: Cases and Reflections* Speaker: Prof. Xiao HU (The University of Arizona, United States) Moderator: Prof. Pengze WU (South China Normal University, China)	Conference Center Concert Hall（南科大会议中心音乐厅）
15:40 | 16:00	**Break**	
16:00 | 16:20	**Invited Speech 6** *When AI Knows Everything: Educating for Epistemic Insights Beyond Content* Speaker: Dr. Yun DAI (The Chinese University of Hong Kong, Hong Kong SAR) Moderator: Prof. Pengze WU (South China Normal University, China)	
16:20 | 16:40	**Invited Speech 7** *Empowering Teacher Learning with Technology: A New Era for Teacher Education* Speaker: Dr. Qiaoping ZHANG (The Education University of Hong Kong, Hong Kong SAR) Moderator: Prof. Pengze WU (South China Normal University, China)	
16:40 | 17:00	**Invited Speech 8** 人机共育新生态的深圳实践 Speaker: Ms. Huimin ZHANG (Shenzhen Educational Information Technology Center) (深圳市教育信息技术中心) Moderator: Prof. Pengze WU (South China Normal University, China)	

17:00 | **17:20**	**Invited Speech 9** *从破界融通到生态重建* Speaker: Mr. Jiang LU (Shenzhen Mingde Experimental School) (明德实验学校集团) Moderator: Prof. Pengze WU (South China Normal University, China)	
17:20 | **17:40**	**Invited Speech 10** *回到基础：数智时代面向终身学习的育人模式创新实践* Speaker: Ms. Wen HUANG (Guangzhou Tianhe Huijing Experimental School) (广州市天河区汇景实验学校) Moderator: Prof. Pengze WU (South China Normal University, China)	
17:40 | **18:00**	**Invited Speech 11** *计算思维视角下图形化编程教学模式的创新与探究* Speaker: Dr. Jun PENG (City University of Macau, Macau) Moderator: Prof. Pengze WU (South China Normal University, China)	
18:00 | **18:20**	**Invited Speech 12** *Interactive Synergy: AI in STEM Learning Environments* Speaker: Dr. Daner SUN (The Education University of Hong Kong, Hong Kong SAR) Moderator: Prof. Pengze WU (South China Normal University, China)	
Parallel Session 2: Digital Intelligence Technology Frontier Forum **(平行会议二：数智科技前沿论坛)**	
14:00 | **14:20**	**Invited Speech 1** *具身智慧支持的教育机器人探索：现状与趋势* Speaker: Prof. Jianhua ZHAO (Southern University of Science and Technology, China) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
14:20 | **14:35**	**Invited Speech 2** *如何通过游戏与人工智能让学习更有趣* Speaker: Mr. Xinhan LIN (Yizhao Technology (Shenzhen) Co., Ltd.) (奕兆科技(深圳)有限公司) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
14:35 | **14:50**	**Invited Speech 3** *破解课堂黑箱：教学大数据驱动的双AI教学范式转型实证* Speaker: Dr. Xuyi WANG (MagicStar (Shenzhen) Education Technology Co., Ltd.) (麻吉星(深圳)教育科技有限公司)	

	Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
14:50 | 15:05	**Invited Speech 4** *AI 赋能 "精学精研" 的探索* Speaker: Mr. Xuanjie DU (Guangzhou AVA Electronic Technology Co., Ltd.) (广州市奥威亚电子科技有限公司) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
15:05 | 15:20	**Invited Speech 5** *基于 AI 数据的教师数字素养提升：从精准诊断到专业成长的闭环路径* Speaker: Mr. Bo ZHANG (Beijing Zhongqing Modern Technology Co., Ltd.) (北京中庆现代技术股份有限公司) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	Conference Center Meeting Hall (南科大会议中心会议厅)
15:20 | 15:35	**Invited Speech 6** *数智化赋能高校高质量发展——希沃的探索与实践* Speaker: Mr. Hui SHEN (Guangzhou Shirui Electronics Co., Ltd.) (广州视睿电子科技有限公司(希沃)) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
15:35 | 15:50	**Invited Speech 7** *区域化跨学科学习研究* Speaker: Mr. Xiguang ZHANG (Shenzhen Wansi Future Innovation Technology Co., Ltd.) (深圳市万思未来教育科技有限公司) Moderator: Dr. Xueqi FENG (Southern University of Science and Technology, China)	
15:50 | 16:10	**Break**	
16:10 | 16:25	**Invited Speech 8** *洋葱学园 AI 课堂的实践与探索* Speaker: Mr. Haipeng LI (Onion Academy) (洋葱学园) Moderator: Mr. Qingtao CHEN (Southern University of Science and Technology, China)	
16:25 | 16:40	**Invited Speech 9** *AI 赋能教师教育变革的希沃实践* Speaker: Ms. Yali LU (Guangzhou Shirui Electronics Co., Ltd.) (广州视睿电子科技有限公司(希沃))	

	Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
16:40 | 16:55	**Invited Speech 10** *AI 时代下具身智能助力教学模式创新与实践探索* Speaker: Mr. Xiaoping WANG (EEO Empower Education Online.) (北京翼鸥教育科技有限公司) Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
16:55 | 17:10	**Invited Speech 11** *拥抱变化：从 STEAM 到 AI 教育* Speaker: Mr. Wei XI (UBTECH Robotics Corp Ltd.) (深圳市优必选科技股份有限公司) Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
17:10 | 17:25	**Invited Speech 12** *赋能与重塑——大模型驱动教育的变革与实践* Speaker: Mr. Tao ZHOU (iFLYTEK Co., Ltd.) (科大讯飞股份有限公司) Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
17:25 | 17:40	**Invited Speech 13** *大模型应用安全防护* Speaker: Mr. Jingyu ZHANG (Topsec Technologies Group, Inc.) (天融信科技集团股份有限公司) Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
17:40 | 17:55	**Invited Speech 14** *大模型在教育行业落地案例分享* Speaker: Mr. Yu LI (Beijing Volcano Engine Technology Co., Ltd.) (火山引擎教育行业解决方案(字节跳动)) Moderator: Dr. Qingtao CHEN (Southern University of Science and Technology, China)	
18:20 | 18:30	**Closing Ceremony**	Conference Center Concert Hall (南科大会议中心音乐厅)