



澳門科技大學
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

MUST 26 周年校慶系列活動
Anniversary Celebration

研究生優秀成果展

Excellent Research Poster Exhibition

2026



Research Poster Exhibition 2026

List of Participants

No.	Participant	Author(s)	Unit(s)	Poster Title
1	WANG, YIHE	Su-Ying Pan ¹ , Yihe Wang ¹	¹ Faculty of Hospitality and Tourism Management, Macau University of Science and Technology	The hidden bias: singles in family-friendly work culture
2	DAI, ANNA	Anna Dai ¹ , Jingsong Zhang ¹ , Chen-kuo Pai ¹ , Timothy Lee ^{1,2,3}	¹ Faculty of Hospitality and Tourism Management, Macau University of Science and Technology ² Eminent Scholar, College of Hotel and Tourism Management, Kyung Hee University ³ Griffith Institute for Tourism, Griffith Business School, Griffith University	The impact of the perception of smart hotel attributes and perceptions of service innovation on tourist happiness and brand loyalty

3	FENG, QIAOYAN	Yanni Zhu ¹ , Qiaoyan Feng ¹ , Wufeng Yu ^{2,5} , Juan Tang ^{1,4} , Yaling Zuo ¹ , Cevat Tosun ³	¹ Faculty of Hospitality and Tourism Management, Macau University of Science and Technology ² School of Business, Macau University of Science and Technology ³ Department of Management, School of Business, The George Washington University ⁴ Zhuhai MUST Science and Technology Research Institute, Macau University of Science and Technology ⁵ School of Management, Guangzhou College of Technology and Business	Supervisor social comparison orientation and abusive supervision: A dual-path model
4	ZHANG, YUETIAN	Yao-Chin Wang ^a , Yuetian Zhang ^b , Emily Ma ^c , Lu Zhang ^d , Yuan Zhang ^e , Huan Ning ^f , Jiang Huang ^f , Su-Ying Pan ^b	^a Department of Tourism, Hospitality and Event Management, University of Florida ^b Faculty of Hospitality and Tourism Management, Macau University of Science and Technology ^c School of Hospitality and Tourism Management, University of Surrey, ^d The School of Hospitality Business, Michigan State University ^e Zhengzhou Tourism College ^f Zhejiang Commercial Technician Institute	AI-assisted Cross-cultural Training for Hotel Newcomers: An IT Mindfulness-driven Perspective on Building Cultural Intelligence and Career Development Confidence
5	ZHU, ZHIYONG; LI, JINHAO	Zhiyong Zhu, Jinhao Li, Bo Hu	University International College, Macau University of Science and Technology	Professional Identity Construction in Transnational Language Teacher: Integrating Conservation of Resources and Identity Theories in a Cross-cultural Context
6	REN, LI	REN LI	University international College, Macau University of Science and Technology	The Rediscovery of Genre Fiction in the Context of AI Writing
7	XU, YUNFENG; LIU, RONGYAN	Yunfeng Xu ¹ ; Rongyan Liu ²	¹ University International College, Macau University of Science and Technology ² School of Humanities, Guangzhou University	'I look forward to a bright future': the multilingual identity construction of Malagasy undergraduates

8	SHI, GUOFENG	Aliana Man Wai Leong ¹ , Guo Feng Shi ¹ , Fevzi Okumus ² , Adriana Fumi Chim-Miki ^{3,4} , Jing Yi Bai ¹	¹ School of Liberal Arts, Macau University of Science and Technology ² Rosen College of Hospitality Management, University of Central Florida ³ School of Business and Economics, University of the Azores ⁴ Management Department, Federal University of Campina Grande	Feeling ambivalent: An examination of leader-member exchange ambivalence on migrant worker voice behavior
9	WANG, QIAN	Wang Qian ¹ , Lam Lawrence T ^{1*} , Lin Heng ¹ , Yang Wenxian ² , Yin Fuxian ¹ , Li Yongwei ¹	¹ Faculty of Medicine, Macau University of Science and Technology ² Jiangsu Research Institute of Sports Science	Effectiveness of Family-centered Intervention Programs on Objectively Measured Physical Activity in Children Aged under 13: a Meta-analysis of Randomized Controlled Trials
10	HUANG, HAIBO	Hai-Bo Huang ^{1,2} , Xue- Qing Wan ² , Olivia Monteiro ¹ , Lawrence T Lam ¹ , Paul Kwong-Hang Tam ³	¹ Faculty of Medicine, Macau University of Science and Technology ² Department of Neonatology, The University of Hong Kong-Shenzhen Hospital	A Systematic Review of School functioning in Pediatric Patients with Hirschsprung Disease
11	ZHANG, LU	Lu Zhang ¹ , Jingbo He ² , Quancheng Zhang ³ , Ling Wang ^{1,*}	¹ Faculty of Medicine, Macau University of Science and Technology ² College of Mathematics and Computer Science, Tongling University ³ School of Physical Education, Xi'an Shiyou University	A Study on 10-Week Combined Aerobic and Resistance Training Exercise Prescription for Female Patients with Pelvic Floor Dysfunction
12	WU, XUELAN	XiaoyuTao ¹ , Xuelan Wu ¹ , Jia Fu ¹ , Ying Xiao ¹ & Tian Zhong ¹	Faculty of Medicine, Macau University of Science and Technology	Associations Between Physical Activity and Health-Related Quality of Life Among University Students in Zhuhai
13	LI, ZHAOYI	Zhaoyi Li ¹ , De-Chong Zheng ¹ , Ruixiang Wang ² , Qian Ding ³ and Yi Zhun Zhu ^{3,4,5*}	¹ School of Pharmacy, Faculty of Medicine & State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology ² State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology ³ Laboratory of Drug Discovery from Natural Resources and Industrialization,	FKBP prolyl isomerase 4: a potential target for heart failure and cardioprotective effects via leonurine-pretreated mesenchymal stem cell-derived exosomes

			School of Pharmacy, Macau University of Science and Technology ⁴ Shanghai Key Laboratory of Bioactive Small Molecules, Department of Pharmacology, School of Pharmacy, Fudan University	
14	OU, KEFENG	Kefeng Ou ¹ , Ling Jiang (Alice) ¹ , David S. Waller ²	¹ School of Business, Macau University of Science and Technology ² UTS Business School, University of Technology	From Scraps to Sweets: Perceptions of Food Healthfulness and the Acceptance of Upcycled Foods
15	CHEN, YUHUA	Rufei MA ¹ , Yuhua CHEN ¹ , Qiang Ji ^{2,3,*} , Pengxiang ZHAI ^{4,*}	¹ School of Business, Macau University of Science and Technology ² Institutes of Science and Development, Chinese Academy of Sciences ³ School of Public Policy and Management, University of Chinese Academy of Sciences ⁴ School of Economics and Management, Beijing University of Chemical Technology	How does environmental regulatory stringency shape ESG? Evidence from cross-listing
16	CHEN, XINYUAN	Xinyuan Chen ¹ , Mengliang Dai ¹	Faculty of Law, Macau University of Science and Technology	Dilemmas of Facial Recognition Technology in Chinese Digital Policing: A Qualitative Exploration
17	CHEN, SIYANG	Chen Si Yang ¹ , Long Xin Xuan ²	Faculty of Law, Macau University of Science and Technology	The Legal Status of AI-Generated Content and Its Protection under the Anti-Unfair Competition Law
18	LIU, YAO	Yao Liu ^{1,3*} , Yong Wang ^{1,5*} , Jing Xiao ^{2*} , Xu He ³ , Cheng Wang ^{2,4} , Jianjun Zhu ² , Pengju Lv ^{2,6} , Huixia Cai ² , Lige Qiu ^{1,4} , Yizhun Zhu ^{1,4#} , Yong Li ^{4,5#} , and Ligong Lu ^{3,4#}	¹ School of Pharmacy, Faculty of Medicine, Macau University of Science and Technology ² Hanglok-Tech Co., Ltd. ³ Department of interventional treatment, Guangzhou First People's Hospital, the Second Affiliated Hospital, School of Medicine, South China University of Technology ⁴ Guangdong Provincial Key Laboratory of Tumor Interventional Diagnosis and Treatment, Zhuhai People's Hospital ⁵ Department of interventional treatment, Zhuhai People's Hospital	Computed Tomography and Ultrasound-Guided Robotic Assistance in Percutaneous Puncture in Abdominal Phantom and Porcine Liver Models

			(Zhuhai Hospital Affiliated with Jinan University) ⁶ City University of Macau	
19	LI, YAQIN	Yagin Li ^{1,2} , Bing Liu ³ , Guoxin Hu ² , Tao Zhou ⁴ , Xuanqiu He ² , Ling Guo ² , Luoshi Zhang ¹ , Weizhao Tong ² , Yihua Chen ² , Youhua Xu ^{1*} , Guangdong Tong ^{1,5*} , Wei V. Zheng ^{4*}	¹ Faculty of Chinese Medicine, Macau University of Science and Technology ² Department of infectious Disease, Peking University Shenzhen Hospital ³ Department of Hematology, Peking University Shenzhen Hospital ⁴ Intervention and Cell Therapy Center, Peking University Shenzhen Hospital ⁵ Department of Liver Disease, Shenzhen Traditional Chinese Medicine Hospital, The Fourth Clinical Medical College of Guangzhou University of Chinese Medicine	Human umbilical cord-derived mesenchymal stem cells alleviate autoimmune hepatitis by inhibiting hepatic ferroptosis
20	KE, YU	Yu Ke	Institute for Social and Cultural Research, Macau University of Science and Technology	The Victory: Macau People During the War of Resistance against Japanese Aggression
21	吳一怡	林廣志 ¹ , 彭晴宜 ² , 吳 一怡 ³	¹ 中國歷史研究院澳門歷史研究中心, ² 北京師範大學台州附屬高級中學 ³ 澳門科技大學社會和文化研究所	《永恆的勳章——澳門抗戰紀實》
22	陳靜	陳靜	澳門科技大學社會和文化研究所	鄭觀應對南洋“夷情”的認知及其國 別概念的形成——以《南遊日記》 為中心
23	LIU, RENRUI; ZHAO, SIZHE	Renrui Liu ^{1,2,+} , Xiaoping Zhang ^{1,2,*} , Sizhe Zhao ^{1,2,+} , Yi Xu ^{1,2,*} , Pengwei Luo ^{1,2,+} , Yang Li ^{3,*} , Xiaojia Zeng ^{1,3} , Chenkun Sun ^{1,2} , Ronghua Pang ³ , Chen Li ³ , Xiongyao Li ³ , Lianghai Xie ⁴ , Zhiguo Meng ¹ , Qiugang Zong ^{1,2} & Chi Wang ⁴	¹ State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology, Macau, China. ² CNSA Macau Center for Space Exploration and Science, Macau, China. ³ Center for Lunar and Planetary Sciences, Institute of Geochemistry, Chinese Academy of Sciences, Guiyang, China. ⁴ State Key Laboratory of Space Weather, National Space Science Center, Chinese Academy of Sciences, Beijing, China	Million-year solar wind irradiation recorded in Chang'E-5 and Chang'E-6 samples

24	HUANG, KEYI	Wenrui Wang ^{1,2} , Keyi Huang ^{1,2} , Qiugang Zong ^{1,2,3} , Ying Liu ^{1,2} , Li Li ^{3,4} , Yuguang Ye ^{1,2}	¹ State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology ² CNSA Macau Center for Space Exploration and Science ³ School of Earth and Space Sciences, Peking University ⁴ School of Geophysics and Information Technology, China University of Geosciences (Beijing)	Auroral Asymmetry Associated with the South Atlantic Anomaly
25	MENG, XINDONG	Xindong Meng ¹ , Ling Zhang ² , Yi Xu ¹ , Giannakis Iraklis ¹ , Roberto Bugiolacchi ^{1, 3} , Jiannan Zhao ⁴ , Xiaoping Zhang ¹ , Qiquan Yang ⁵ , Rui Chen ¹ , Renrui Liu ¹ , Xiaoting Xu ⁶ , Huaqing Cao ⁷ , Zhijun Huo ² , Long Xiao ⁴ , Jialong Lai ⁸ , Rui Gao ²	¹ State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology ² School of Earth Science and Geological Engineering, Sun Yat-sen University ³ Earth Sciences, University College London ⁴ Planetary Science Institute, School of Earth Sciences, China University of Geosciences ⁵ College of Surveying & Geo-Informatics, Tongji University ⁶ Research Center for Planetary Science, College of Earth and Planetary Science, Chengdu University of Technology ⁷ College of Geo-exploration Science and Technology, Jilin University ⁸ School of Science, Jiangxi University of Science and Technology	Evidence of shallow subsurface ice at Tianwen-1 landing site
26	HUANG, YANG	Yang Huang ¹ , Ni Xiong ² , Chengkun Liu ^{1,3}	¹ The Institute for Sustainable Development, Macau University of Science and Technology ² National Observation and Research Station of Coastal Ecological Environments in Macao, Macau Environmental Research Institute, Faculty of Innovation Engineering, Macau University of Science and Technology	Unveiling the Mystery of Strategic Response: Managers' Regulatory Focus and Corporate Social Responsibility Decoupling

			³ School of Business, Macau University of Science and Technology	
27	SONG, FANGZHOU	Yang Huang ¹ , Fangzhou Song ¹ , Chengkun Liu ^{1,2}	¹ The Institute for Sustainable Development, Macau University of Science and Technology ² School of Business, Macau University of Science and Technology	Decoding AI innovation: How R&D alliances drive technological breakthrough
28	WEI, LING	Ling Wei ¹ , Dariusz Cichoń ² , Bing Zeng ³ , Laszlo Vasa ⁴ , Irum Shahzadi ^{4,5}	¹ The Institute for Sustainable Development, Macau University of Science and Technology ² AGH University of Krakow ³ School of Economics, Anhui University of Finance and Economics ⁴ Faculty of Economics, Széchenyi István University Hungary ⁵ Advanced Research Centre, European University of Lefke	Mapping Municipal Debt Risks: A Spatiotemporal Analysis of China's Prefecture-Level Cities
29	LIN, ZHONGJIE	Zhongjie Lin ¹ , Kaizhou Gao ¹ , Peiyong Duan ² , Naiqi Wu ¹ , Ponnuthurai Nagarathnam Suganthan ³	¹ Macau Institute of Systems Engineering, Macau University of Science and Technology ² School of Information and Automation, Qilu University of Technology ³ Department of Computer and Engineering, College of Engineering, Qatar University	Prediction and Feedback Assisted Evolutionary Algorithms for Scheduling Urban Traffic Signals
30	LU, YINGYI	Yingyi Lu ¹ , Chiyu Zhang ¹ , Xiaoxue Chen ¹ , Jian Jiang ¹ , Jianwei Zhao ² , Yang Wu ^{1,*}	¹ National Observation and Research Station of Coastal Ecological Environments in Macao, Macau Environmental Research Institute, Macau University of Science and Technology ² Shenzhen HUASUAN Technology Co., Ltd	Defect engineering-driven tunable porous Fe ₃ C/Fe@N-CSC via g-C ₃ N ₄ evaporation-etching strategy: dual non-radical pathways of Fe(IV)=O and electron transfer for precision peroxymonosulfate activation
31	LI, LANZE	Lanze Li ¹ , Jiexin Wen ¹ , Tsz Woon Benedict Lo ^{2,3,*} , Jun Yin ^{2,*} , Qiong Lei ^{1,*}	¹ Macao Institute of Materials Science and Engineering (MIMSE). Macau University of Science and Technology ² Department of Applied Physics. The Hong Kong Polytechnic University	Wettability-Controlled Electrocatalytic Carbon Dioxide Reduction

			³ Department of Applied Biology and Chemical Technology. The Hong Kong Polytechnic University	
32	XU, QUANXING	Quanxing Xu ¹ , Ling Zhou ¹ , Feifei Zhang ² , Jinyu Tian ¹ , Rubing Huang ^{1,3}	¹ School of Computer Science and Engineering, Macau University of Science and Technology ² School of Computer Science and Engineering, Tianjin University of Technology ³ Macau University of Science and Technology Zhuhai MUST Science and Technology Research Institute	OAD-Promoter: Enhancing Zero-Shot VQA Using Large Language Models with Object Attribute Description
33	LIN, RONG	Rong Lin ¹ , Bo-Wei Zhu ¹ , Lei Xiong ² , Gwo-Hshiung Tzeng ³	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Faculty of Innovation and Design, City University of Macau ³ Graduate Institute of Urban Planning, College of Public Affairs, National Taipei University	Linking landscape features of urban parks to visitors' sense of place: A novel hybrid machine learning approach
34	WANG, KAIYANG	Kaiyang Wang ¹ , Xin-Yang Li ¹ , Bo-Wei Zhu ¹ , Lei Xiong ² , Gwo-Hshiung Tzeng ³	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Faculty of Innovation and Design, City University of Macau ³ Graduate Institute of Urban Planning, College of Public Affairs, National Taipei University	A data mining approach to explore the causal rules between environmental conditions of neighborhood parks and seniors' satisfaction
35	MAO, YUE ZHANG, XU	Yue Mao ¹ , Xu Zhang ¹ , Lei Xiong ² , Bo-Wei Zhu ^{1*} , Guan-Qiang Wang ^{1*} , Zi-Jie Zou ¹ , Gwo-Hshiung Tzeng ³	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Faculty of Innovation and Design, City University of Macau ³ Graduate Institute of Urban Planning, College of Public Affairs, National Taipei University	How Graffiti and Surroundings Shape Visitor's Perceived Safety: A Multiple Conjunctural Causation Analysis
36	XU, JING	Jing Xu ¹ , Runqing Lin ¹ , Aijia Zhang ¹ , Qiang Chen, Dexin Li ² , Jiajie Chen ² , Minglu Song ² , Shumei Chen ² , Bingjiao Yang ² , Linyang Li ¹ , Haotian Xu ¹ , Jinlin Peng ¹ , Yanrong	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Children's Psychological Behavior Center, Zhuhai Maternity and Child Health Hospital ³ State Key Laboratory of Mechanism and Quality of Chinese Medicine,	AI-assisted drawing therapy for children with ADHD: A randomised controlled trial

		Tang ¹ , Wenhua Yang ¹ , Xuexing Luo ^{1*} , Xiang Zhou ^{2*} Jue Wang ^{3 4 *} , Guanghui Huang ^{1 5*}	Macau University of Science and Technology ⁴ Faculty of Chinese Medicine, Macau University of Science and Technology, ⁵ Zhuhai MUST Science and Technology Research Institute	
37	LI, YIJING	Yijing Li ¹ , Xiao Zhang ² , Yu Guo ¹	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Department of Journalism and Communication, Hong Kong Shue Yan University	Promoting mental health help- seeking through interactive mobile- based narratives: Effectiveness of a depression prevention program among college students
38	YANG, CHAO	Chao Yang ¹ , Chuan Shi ²	¹ Faculty of Humanities and Arts, Macau University of Science and Technology ² Shanghai Theatre Academy Film Art Research Center	Reinvestigation of the Historical Traces of Macao Film Premieres
39	MAI, SHENG	Sheng Mai ¹ , Xiao Liu ¹ , Xiaotong Zhang ¹	¹ Faculty of Humanities and Arts, Macau University of Science and Technology	Local Knowledge and Interpretation of Culture of the Construction Craftsmanship of the Bamboo Theater for San Kong Opera of A-Ma Temple in Macao
40	YIN, JIANQIANG	Jianqiang Yin ¹ , Jingzhao Feng ²	Faculty of Humanities and Arts, Macau University of Science and Technology	Infrastructure and the evolution of settlement space: a study from a spatial anthropological perspective on the Pearl River Delta
41	CHEN, ZUOMING	Zuoming Chen ¹ , Stephen Siu Yu Lau ^{1,2} , Zhidong Zhang ² , Sunnie Sing Yeung Lau ³ , Tris Kee ⁴	¹ Macau University of Science and Technology ² China Green Building and Carbon Neutral (Hong Kong) Council ³ Department of Architecture, The Chinese University of Hong Kong ⁴ The Hong Kong Polytechnic University	A modular framework for estimating carbon emissions from building component replacements in LCA