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教研領域

星際生存與探索設計；
未來交通工具設計；
具身交互設計；
情感體驗設計；

學歷

香港理工大學 / 設計學院 / 哲學博士

教學經驗

澳門科技大學 / 人文藝術學院 / 助理教授
香港理工大學 / 設計學院 / 副研究員
香港理工大學 / 設計學院 / 訪問講師

學術任職

國際人機交互大會 (HCII) 平行會議主席
國際設計管理大會 (ADMI) 分區副主席
國際設計研究學會協會大會 (IASDR) 會議組委會委員
教育部“產品設計人才培養模式改革”虛擬教研室專家庫成員
澳門科技大學 倫理委員會委員
米蘭設計周 評委
國際人機交互大會 (HCII) 審稿人
國際設計管理大會 (DMI) 審稿人
國際設計研究學會協會大會 (IASDR) 審稿人

實踐經歷

汲需 / 設計師 / 戰略顧問

香港設計中心 Hong Kong Design Center / 設計顧問

香港設計城市 Designer City / 設計師

學術成果

[1]. Liu, X.H., **Zhang M.T.** [correspondent author] & de Bont, C. (2022). The holistic frame of designing smart, connected products: A systematic literature review and expert interview, The Design Journal, DOI: 10.1080/14606925.2022.2058448. Taylor & Francis.

[2]. **Zhang, M.T.** & de Bont, C. (2022). The Interplay of Watching, Creation, Socialization, and Monetization on TikTok. International Journal of Ubiquitous Computing (IJUC), Volume (4): Issue (1) ISSN: 2180-1355

[3]. Chen, X., & **Zhang, M. T.** [correspondent author] (2024). Emotions: Investigating the Vital Role of Tactile Interaction. Proceedings of International Conference on Human-Computer Interaction (pp. 326-344). Cham: Springer Nature Switzerland.

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[5]. Li, W., Xiao, J. X., & **Zhang, M. T.** [correspondent author] (2024). Optimizing Urban e-Commerce Experiences: A Cross-Cultural Interface Design Approach for Enhanced Connectivity and Consumer Engagement. Proceedings of International Conference on Human-Computer Interaction (pp. 219-234). Cham: Springer Nature Switzerland.

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Service Design Intervention to Enhance Sustainable Awareness in Sanyang Wetland Community. Proceedings of International Symposium on World Ecological Design (ISWED)(pp.582-591).

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[10]. Chen, X. & **Zhang, M.T.** [correspondent author]. (2024). "Chloe": Empathetic Design for Smart Houseplant Care Systems. Proceedings of International Symposium on World Ecological Design (ISWED)(pp.963-972).

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[12]. Zhao, S. & **Zhang, M.T.** [correspondent author]. (2024). Strategic Design for Enhanced Medical Transport Stretchers in High-Rise Residential Environments. Proceedings of International Symposium on World Ecological Design (ISWED).

[13]. Wu, X., Wang, Y., **Zhang, M.T.** [correspondent author], Li, W., Huang, G. & Lu, S. (2024). Innovating Waste Management: The Intelligent Food Recycler. Proceedings of International Symposium on World Ecological Design (ISWED).

[14]. **Zhang, M.T.**, Tang, J., Han, X., Huang, G., Xue, B., & Liu, J. (2024). Innovative Visual and Auditory Design for Revitalizing Cantonese Nursery Rhymes: A Cultural Heritage Perspective. Proceedings of International Symposium on World Ecological Design (ISWED).

[15]. Wu, X., Liu, C., **Zhang, M.T.**, Huang, G., Xiao, J. & Hong, N. (2024). Design for Optimizing Waste Classification and Recycling Practices. Proceedings of International Symposium on World Ecological Design (ISWED).

[16]. Zhang, X., & **Zhang, M. T.** [correspondent author] (2023, July). User Experience of the Portrait Mode of Smartphone: A Comparative Case Study. In International Conference on Human-Computer Interaction (pp. 224-238). Cham: Springer Nature Switzerland.

[17]. Zhao, S., & **Zhang, M. T.** [correspondent author] (2023, July). I-Health-Designing a Smart Massage Product-Service System for the Sub-health Status of Young People Based on Traditional Chinese Tuina Therapy. In International Conference on Human-Computer Interaction (pp. 459-469). Cham: Springer Nature Switzerland.

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[21]. Lai, M., Luo, M.J., Xiao, J.X., **Zhang, M.T.** [correspondent author] & Li, W.H. (2023). What Drives Online Redistribution Behavior: A Behavioral Decision-Making Model Based on Environmental Value Perception and Subjective Norms. Proceedings of International Symposium on World Ecological Design (ISWED) (pp.560-569).

[22]. **Zhang, M.T.** & Li, Y. (2022). Intangible Product Design Through INQUA Model: A Case Study of 1/11 Football APP. Proceedings of Academic Design Management Conference (ADMC) 2022. Cambridge: Design Management Institute. ISSN – 2640-4702.

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- [24]. **Zhang M.T.** (2020). Smart Aroma Diffusor. In A' Design Award - Product Winner Designs 2019-2020 (p.138). Milan: Designer Press. ISBN 978-88-97977-31-5
- [25]. **Zhang, M.T.** (2018). Towards A Comprehensive and Integrated Framework That Serves as A Basis to Describe, Stimulate and Analyze Innovation in Intelligent Products. Doctoral dissertation. The Hong Kong Polytechnic University.
- [26]. **Zhang, M.T. & de Bont, C.** (2015). Emotional Engagement for Human-computer Interaction in Exhibition Design. Proceedings of 17th International Conference on Human-Computer Interaction (pp. 542-549). New York: Springer.
- [27]. **Zhang, M.T.** (2014). Historic Review of Learning Curve of Innovation. In DesignEd Asia Conference 2014. Hong Kong: The Hong Kong Polytechnic University.
- [28]. **Zhang, M.T.** (2014). An Investigation of Interactive Environment Design Constraints. In The Proceedings of Design Research Society Conference 2014: Design's Big Debate. Umeå: Umeå Institute of Design, Amsterdam: Elsevier.
- [29]. **Zhang, M.T. & de Bont, C.** (2014). Constructing the Framework of Micro Innovation for Product Design. In Asia Design Engineering Workshop 2014. Taipei.
- [30]. Lau, N. & **Zhang, M. T.** (2011). Interaction Design and Construction of User Experience in Portable Learning Utility Solution. Design Principles and Practice: An International Journal, 5 (4), 453-466. US: Common Ground Research Networks.
- [31]. Lau, N. & **Zhang, M.T.** (2011). Learning Effectiveness in Design and Creativity through Multimedia Learning Framework Based on Online Virtual Environment. In The CAI Conference Learning Futures: Education, Technology & Sustainability 2011. UK: Elsevier.
- [32]. Lau, N. & **Zhang, M.T.** (2010). Design Education towards the Second Life Platform. In The Slactions Research Conference 2010. UK: The University of Manchester.

個人專業獎項

2026



美國 IDEA Award

International Design Excellence Awards

Organized by Industrial Designers Society of America

2025



美國 IDEA Award

International Design Excellence Awards

Organized by Industrial Designers Society of America

2024		美國 IDEA Award International Design Excellence Awards Organized by Industrial Designers Society of America
		美國 IDEA Award International Design Excellence Awards Organized by Industrial Designers Society of America
		美國 iF Award Organized by iF International Forum Design GmbH
		意大利 A-Design Iron Award Organized by Mood - Museum of Design, AoD - Association of Design, Designer Press, Design PR Wire, FD Design Faculty, Design League, Salone del Designer
2023		亞洲 Excellent Supervisor Award Asia Emerging Art and Design Competition, organized by Asia Design Week
		香港 First Prize, Hong Kong Digital Art Design Competition Organized by the Hong Kong Arts Development Association.
		香港 First Prize, YAD Award Organized by the Hong Kong Arts Development Association.
		美國 IDEA Gold Award International Design Excellence Awards Organized by Industrial Designers Society of America
2021		日本 G-Mark Award Good Design Award Organized by Japan Industrial Design Promotion Organization
		新加坡 Singapore Art Design Competition Excellent Supervisor Award, organized by Singapore Fine Art Research Association, International Art Development Center
		Best Paper Award International Symposium on World Ecological Design, organized by World Eco-Design Organization
		聯合國 Grand Prize, Global FourC Challenge 24-Hour Design Challenge Organized by the United Nations Industrial Development Organization.
2020		美國 IDEA Award International Design Excellence Awards Organized by Industrial Designers Society of America
		美國 IDEA Award International Design Excellence Awards Organized by Industrial Designers Society of America
		日本 G-Mark Award Good Design Award Organized by Japan Industrial Design Promotion Organization

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| 2020 |  | 意大利 A-Design Iron Award
Organized by Mood - Museum of Design, AoD - Association of Design, Designer Press, Design PR Wire, FD Design Faculty, Design League, Salone del Designer |
| 2013 |  | 香港 FutureArc Green Leadership Award
Organized by BCI Asia |
| 2012 |  | 香港 Green Building Award
Organized by Hong Kong Green Building Council |

團隊共獲 50 餘項國家級於國際級設計獎項。

研究項目

澳門高等院校教研人員專業發展計畫 澳門基金會
 智能產品創新模型 澳門科技大學基金會
 中國製造 2025：創新設計戰略 國務院 中國工程院
 中國製造 2025：香港設計產業的機遇與挑戰 香港政府政策創新與統籌辦事處
 香港零碳天地 香港建造業議會
 中國設計驅動創新 香港大學教育資助委員會
 築巢中國 香港大學教育資助委員會
 Mooco-Plus 在線教育平台 香港大學教育資助委員會

社會服務

澳門電視台澳廣視 特邀嘉賓
 澳門電台生活朝點澳門設計專欄 特邀嘉賓
 香港電台 Thought for Action 專欄 特邀嘉賓
 國際創客大會 主持人
 亞洲設計工程大會 主持人
 大灣區品牌包裝設計比賽 特邀嘉賓
 香港城市大學 智慧產品論壇 特邀嘉賓
 香港設計教育亞洲論壇 特邀嘉賓