

Name Zhang Mengting



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Teaching and Research Area:

Design for Future Mobility, Interstellar Living
User Experience, Innovation & Entrepreneurship

Academic Qualifications

Ph.D / School of Design / The Hong Kong Polytechnic University

Teaching Experiences

Assistant Professor / Faculty of Humanities and Arts / Macau University of Science and
Technology

Research Associate / School of Design / The Hong Kong Polytechnic University

Visiting Lecture / School of Design / The Hong Kong Polytechnic University

Academic Service

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|----------------|--|
| Session Chair | International Conference on Human Computer Interaction (HCII) 2023 |
| Co-Chair | Academic Design Management Conference (DMI) 2022 |
| Committee | International Association of Societies of Design Research Conference (IASDR)
2021 |
| Paper reviewer | International Conference on Human Computer Interaction (HCII) |
| Paper reviewer | Academic Design Management Conference (DMI) |
| Paper reviewer | International Association of Societies of Design Research Conference (IASDR) |

Representative Publications

Zhang, X. & **Zhang, M.T.** (2023). User Experience of The Portrait Mode of Smartphone - A Comparative Case Study. *Proceedings of International Conference on Human-Computer Interaction (HCII)*. Cham: Springer Nature Switzerland.

Zhao, S.X. & **Zhang, M.T.** (2023). i-Health - Designing a Smart Massage Product-Service System for the Sub-Health Status of Young People based on Traditional Chinese Tuina Therapy. *Proceedings of International Conference on Human-Computer Interaction (HCII)*. Cham: Springer Nature Switzerland.

Liu, J.W. & **Zhang, M.T.** (2023). Hypersphere - XR Design for Metaverse by Synthesizing Neuro Reality and Virtual Reality. *Proceedings of International Conference on Human-Computer Interaction (HCII)*. Cham: Springer Nature Switzerland.

Zhang, M. T., Shen, Y. & Salah Ali Mohamed, I. (2023). Visualizing Ocean Fragility: Glitch Art and Social Media in Marine Conservation. *Proceedings of International Conference on Human-Computer Interaction* (pp. 554-561). Cham: Springer Nature Switzerland.

Zhang, M.T. & Jia, W.Q. (2023). Blind Box Based on Augmented Reality – A Design Case of CHY. *Proceedings of International Conference on Human-Computer Interaction (HCII)*. Cham: Springer Nature Switzerland.

Liu, X.H., **Zhang M.T.** & 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.

<https://www.tandfonline.com/doi/full/10.1080/14606925.2022.2058448>

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

<https://www.cscjournals.org/library/manuscriptinfo.php?mc=IJUC-20>

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.

Zhang, M.T. & Zheng, Y.T. (2022). Figure Design Based on Sichuan Opera and Chinese Literary Mythical Figures. *Proceedings of Academic Design Management Conference (ADMC) 2022*. Cambridge: Design Management Institute. ISSN – 2640-4702.

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

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.

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.

Zhang, M.T. (2014). Historic Review of Learning Curve of Innovation. In *DesignEd Asia Conference 2014*. Hong Kong: The Hong Kong Polytechnic University.

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.

Zhang, M.T. & de Bont, C. (2014). Constructing the Framework of Micro Innovation for Product Design. In *Asia Design Engineering Workshop 2014*. Taipei.

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.

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.

Lau, N. & **Zhang, M.T.** (2010). Design Education towards the Second Life Platform. In *The Slactions Research Conference 2010*. UK: The University of Manchester.

Professional Award



IDEA Gold Award 2023 (International Design Excellence Awards, Gold Award) , organized by Industrial Designers Society of America.



IDEA Award 2021 (International Design Excellence Awards) , organized by Industrial Designers Society of America.



IDEA Award 2021 (International Design Excellence Awards) , organized by Industrial Designers Society of America.



G-Mark Award 2023 (Good Design Award) , organized by Japan Industrial Design Promotion Organization.



G-Mark Award 2020 (Good Design Award) , organized by Japan Industrial Design Promotion Organization.



A-Design Silver Award 2020, organized by Mood - Museum of Design, AoD - Association of Design, Designer Press, Design PR Wire, FD Design Faculty, Design League, Salone del Designer, Advanced Design Conference.



FutureArc Green Leadership Award 2013, organized by BCI Asia.



Green Building Award 2012, organized by Hong Kong Green Building Council.

Research Grants/Projects

Made in China 2025: The Innovation Design Strategy, The State Council of the People's Republic of China, China Academy of Engineering

Made in China 2025: The Challenges and Opportunities of The Hong Kong Design Industry, Hong Kong Government Policy Innovation and Co-ordination Office

Intelligent Product Innovation Model (INQUA), Macau University of Science and Technology Foundation

Zero Carbon Building, Hong Kong Construction Council

Design-driven Innovation in China Context, Hong Kong University Grants Committee

China Nest, Hong Kong University Grants Committee

Mooco-Plus: Mobile Online Community and Portable Learning Utility Solution,

Hong Kong University Grants Committee

Social Service

Guest	Teledifusão de Macau, Macau
Guest	Ultra-Modern Culture programme, Radio Television Hong Kong, Hong Kong
Guest	Radio Macau, Macau
Guest	Big Bay Area Brand Design Competition, Macau
Host	Maker Faire, Hong Kong
Host	Asian Design Engineering Conference, Hong Kong
Speaker	Intelligent Product Design Seminar, The City University of Hong Kong, Hong Kong
Speaker	Product Design for Micro Innovation, DesignEd Asia Conference, Hong Kong