

WENXIAO WANG



Position: Assistant Professor
Faculty: Faculty of Humanities and Arts
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Teaching and Research Areas:

His study interests are computer visualization, signal processing, digital image processing, artificial intelligence, digital media, 3-dimensional simulation technology, virtual and augmented reality, and animation technology. He is currently engaged in teaching and practicing related to game design, development, and management.

Academic Qualifications

- 2018 - 2021 Doctor of Science / Computer Technology and Application / Macau University of Science & Technology
- 2016 - 2018 Master of Design/ Interactive Media / Macau University of Science & Technology
- 2012 - 2016 Bachelor of Arts / Digital Media / Shandong University Art & Design

Teaching Experiences

- Apr 2022 - Assistant Professor / Faculty of Humanities and Arts / Macau University of

Present Science & Technology

2021 - Apr 2022 Research Assistant / Department of Computing & School of Design / Hong Kong Polytechnic University

Representative Publications

Journal Articles:

– **W. Wang**, H.-C. Wong, S.-L. Lo, and G. Zhang. Uncouple generative adversarial networks for transferring stylized portraits to realistic faces. *IEEE Access*, 8: 213825–213829, 2020. (*SCI indexed with impact factor 3.367*)

– **W. Wang** and H.-C. Wong, “Multi-level Difference Repair Architecture for Face Hallucination,” in *IEEE Signal Processing Letters*, doi:10.1109/LSP.2021.3116507. (*SCI indexed with impact factor 3.109*)

– J. Li, H.-C. Wong, S. He, S.-L. Lo, G. Zhang, and **W. Wang**. Deep pixel-level matching via attention for video co-segmentation. *Applied Sciences* (Computing and Artificial Intelligence section),10(6): 1948, 2020. (*SCI indexed with impact factor 2.679*)

– Y. Jin, P. Li, **W. Wang**, S. Zhang, D. Lin, and C. Yin. GAN-based pencil drawing learning system for art education on large-scale image datasets with learning analytics. *Interactive Learning Environments*, DOI: 10.1080/10494820.2019.1636827, 2019. (*SSCI indexed with impact factor 3.928*)

– **Wang, W.**, Wong. H. -C., (2021). Bridging Image Space with Latent Space: Editing Latent Code for Age Progression/ Rejuvenation. In preparation for submitting to an SCI journal.

Research Projects

-The Science and Technology Development Fund of Macao SAR under grants 0027/

2018/A1, 0016/2019/A1, and 0025/2019/AK.