Ling Lo
Curriculum Vitae

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🖱 My Webpage

Education

2020–Present   **PhD Candidate**, *Institute of Electronics*, National Yang Ming Chiao Tung University, Taiwan.
Expected Graduation, Sep 2025

2015–2019 :   **Bachelor of Engineering**, *Department of Electronics Engineering*, National Yang Ming Chiao Tung University, Taiwan (*Formerly* National Chiao Tung University, Taiwan).
GPA: 3.92/4.30

Research Interest

Generative Modeling, Affective Computing

Publications

In Conference Proceedings

in Submission   **MARS: Motion-Assisted Representations for Fine-Grained Video Anomaly Detection**.
Ling Zou, Kang-Yang Huang, Yu-Wen Tseng, **Ling Lo**, Jhih-Ciang Wu, Hong-Han Shuai, Wen-Huang Cheng

ICCV 2025   **From Prompt to Progression: Taming Video Diffusion Models for Seamless Attribute Transition**.
Ling Lo, Kelvin C.K.Chan, Wen-Huang Cheng, Ming-Hsuan Yang
IEEE/CVF International Conference on Computer Vision.

AAAI 2025   **Future Sight and Tough Fights: Revolutionizing Sequential Recommendation with FENRec**.
Yu-Hsuan Huang, **Ling Lo**, Hongxia Xie, Hong-Han Shuai, Wen-Huang Cheng
AAAI Conference on Artificial Intelligence.

CVPR 2024 (Highlight)   **Distraction is All You Need: Memory-Efficient Image Immunization against Diffusion-Based Image Editing**.
Ling Lo, ChengYu Yao, Hong-Han Shuai, Wen-Huang Cheng
IEEE/CVF Conference on Computer Vision and Pattern Recognition.

MM 2024   **ReCorD: Reasoning and Correcting Diffusion for HOI Generation**.
Jian-Yu Jiang-Lin, Kang-Yang Huang, **Ling Lo**, Yi-Ning Huang, Terence Lin, Jhih-Ciang Wu, Hong-Han Shuai, Wen-Huang Cheng
ACM International Conference on Multimedia.

ICME 2023   **DiffAds: An Interactive Platform for Personalized Visual Advertisement Generation**.
Ling Lo, Yi Yao, Hsiu-Hua Chou, Rou-An Chen, Yu-Hsuan Huang, Chien-Chih Chiu, Wan-Hsin Hsueh, Shih-Chieh Huang, Hong-Han Shuai, Wen-Huang Cheng
IEEE International Conference on Multimedia and Expo Workshop.

MM 2022   **Mimicking the Annotation Process for Recognizing the Micro-Expresion**.
Bo-Kai Ruan, **Ling Lo**, Hong-Han Shuai, Wen-Huang Cheng
ACM International Conference on Multimedia.

ICME 2021 (Best Paper Award)   **Facial Chirality: Using Self-Face Reflection to Learn Discriminative Features for Facial Expression Recognition**.
Ling Lo, Hongxia Xie, Hong-Han Shuai, Wen-Huang Cheng
IEEE International Conference on Multimedia and Expo.

ICCV 2021	**Fashionmirror: Co-Attention Feature Remapping Virtual Try-on with Sequential Template Poses**.
	Chieh-Yun Chen, **Ling Lo**, Pin-Jui Huang, Hong-Han Shuai, Wen-Huang Cheng
	IEEE/CVF International Conference on Computer Vision.
MM 2020	**AU-Assisted Graph Attention Convolutional Network for Micro-Expression Recognition**.
	Hongxia Xie, **Ling Lo**, Hong-Han Shuai, Wen-Huang Cheng
	ACM International Conference on Multimedia.
MIPR 2020	**MER-GCN: Micro-Expression Recognition Based on Relation Modeling with Graph Convolutional Networks**.
	Ling Lo, Hongxia Xie, Hong-Han Shuai, Wen-Huang Cheng
	IEEE Conference on Multimedia Information Processing and Retrieval.
ICIP 2019	**Dressing for Attention: Outfit-based fashion Popularity Prediction**.
	Ling Lo, Chia-Lin Liu, Rong-An Lin, Bo Wu, Hong-Han Shuai, Wen-Huang Cheng
	IEEE Internatinoal Conference on Image Processing.

Journal Articles

in Submission	**Enhancing Occlusion-Robustness for Micro-Expression Recognition**.
	Ling Lo, Jian-Yu Jiang-Lin, Hong-Han Shuai, Wen-Huang Cheng
TAC 2023	**Modeling Uncertainty for Low-Resolution Facial Expression Recognition**.
	Ling Lo, Bo-Kai Ruan, Hong-Han Shuai, Wen-Huang Cheng
	IEEE Transactions on Affective Computing, Volume 15, Pages 198-209
TSIP 2023	**FOAnet: A Feedback Operation-Attention Network for Single Image Haze Removal**.
	Chia-Lin Liu, Lei Chen, **Ling Lo**, Pin-Jui Huang, Hong-Han Shuai, Wen-Huang Cheng, Ching-Hsuan Wang, Fan Chou
	APSIPA Transactions on Signal and Information Processing, Volume 12(4)
TMM 2022	**Facial Chirality: From Visual Self-Reflection to Robust Facial Feature Learning**.
	Ling Lo, Hongxia Xie, Hong-Han Shuai, Wen-Huang Cheng
	IEEE Transactions on Multimedia, Volume 24, Pages 4275-4284
TAC 2022	**An Overview of Facial Micro-Expression Analysis: Data, Methodology and Challenge**.
	Hongxia Xie, **Ling Lo**, Hong-Han Shuai, Wen-Huang Cheng
	IEEE Transactions on Affective Computing, Volume 14, Pages 1857-1875

Reseach and Work Experience

Visiting Scholar	**Machine Intelligence Lab**, *University of Tokyo*, 2025.5-Present.
Visiting Scholar	**Vision and Learning Lab**, *University of California, Merced*, 2024.4 - 2025.3.
R&D Intern	**Synopsys Inc**, *Hsinchu*, Taiwan, 2019.7 - 2019.8.
	Project: Auto-ML Resource Consumption Estimation

Professional Activities

Web Chair	IEEE International Conference on Multimedia and Expo, 2022
	ACM International Conference on Multimedia Retrieval, 2021
Organizer	Read Beyond the Faces: Micro-Expression Recognition Challenge, IEEE International Conference on Image Processing (ICIP), 2020
Reviewer	International Conference on Computer Vision and Pattern Recognition (CVPR), 2024, 2025
	International Conference on Computer Vision (ICCV), 2025
	European Conference on Computer Vision (ECCV), 2024
	ACM Conference on Multimedia (MM), 2022,2023, 2024, 2025
	IEEE Conference on Multimedia and Expo (ICME), 2022,2023, 2024,2025

ACM Conference on Multimedia Asia (MM Asia), 2024, 2025

Honors & Awards

2020 –2023   **Scholarships for Exceptional Doctoral Students**, National Science and Technology Council, Taiwan

2021   **Best Paper Award**, IEEE International Conference on Multimedia & Expo (ICME)

Technical Skills

Programming   C/C++, Python, MATLAB

Tools/Libraries   Pytorch, Tensorflow, OpenCV

Language Skills

Chinese (Native)

English (Professional Working Proficiency, TOFEL-IBT: 108/120)

Korean (Limited Working Proficiency, TOPIK II-Level 4)

Referees

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