



## Chang Li (李畅)

– All information up to September 2025 –

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### 🎓 Education

Tsinghua University	Ph.D. Major in Cognitive Science	2026.09-Present
USTC, School of Gifted Young	B.S. Major in Computer Science	2022.09-2026.07

### 🎓 Working

【Shengshu Tech. (Vidu) × Department of CS, THU】	2024.07-2025.07
【iFlytek Tech. × Department of DS, USTC】	2023.06-2024.06
【USTC IMCC Lab】	2022.10-2023-06

### 🔬 Research

- Chang Li**, Kanglei Zhou, Liyuan Wang. PACE: Pretrained Audio Continual Learning. Submitted to *International Conference on Learning Representations (ICLR)*, 2026.
- Chang Li**, Zehua Chen, Liyuan Wang, Jun Zhu. AudioLBM: Audio Super-Resolution with Latent Bridge Models. *Neural Information Processing Systems (NeurIPS)*, 2025.
- Chang Li**, Ruoyu Wang, Lijuan Liu, Jun Du, Yixuan Sun, Zilu Guo, Zhenrong Zhang, Yuan Jiang. Quality-aware Masked Diffusion Transformer for Enhanced Music Generation. *International Joint Conference on Artificial Intelligence (IJCAI Oral)*, 2025.  
Github Repo: OpenMusic: <https://github.com/ivcylc/OpenMusic>, **610 stars**
- Chang Li**, Zehua Chen, Fan Bao, Jun Zhu. Bridge-SR: Schrodinger Bridge for Efficient SR. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2025.
- Chang Li**, Zehua Chen, Jun Zhu. Bridge-SR++: Fast Bridge Models for Speech Super-Resolution. Submitted to *IEEE Transactions on Audio, Speech and Language Processing (TASLP)*, 2025.
- Yuyang Miao\*, **Chang Li**\*, Zehua Chen, Jun Zhu. Exploring the Prior for Generative Time Series Imputation. Submitted to *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2026.
- Xuanhao Zhang, **Chang Li**†. Prompt-aware Classifier-Free Guidance for Diffusion Models. Submitted to *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2026.
- Mo Mu, Dianqiao Lei, **Chang Li**†. Trace Is In Sentences: Unbiased Lightweight ChatGPT-Generated Text Detector. Submitted to *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2026.
- Runwu Shi, **Chang Li**. Unsupervised Single-Channel Audio Separation with Diffusion Source Priors. Submitted to *The AAAI Conference on Artificial Intelligence (AAAI)*, 2026.

10. Runwu Shi, Kai Li, **Chang Li**, Jiang Wang, Sihan Tan, Kazuhiro Nakadai. Unsupervised Single-Channel Speech Separation with a Diffusion Prior under Speaker-Embedding Guidance. Submitted to *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2026.
11. Runwu Shi, **Chang Li**, Jiahui Li, Jiang Wang, Ragib Amin Nihal, Kazuhiro Nakadai. TAW-Foley: Triple Attention Waveform Diffusion Model for Foley Sound Generation. Submitted to *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2026.
12. Yuyang Miao, Zehua Chen, **Chang Li**, Jun Zhu. RespDiff: An End-to-End Multi-Scale RNN Diffusion Model for Respiratory Waveform Estimation from PPG. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2025.
13. Yuxuan Jiang, Zehua Chen, Zeqian Ju, **Chang Li**, Weibei Dou, Jun Zhu. FreeAudio: Training-Free Timing Planning for Controllable Long-Form Text-to-Audio Generation. *ACM International Conference on Multimedia (ACM MM Oral)*, 2025.
14. Yusheng Dai, Chenxi Wang, **Chang Li**, Chen Wang, Jun Du, Kewei Li, Ruoyu Wang, Jiefeng Ma, Lei Sun, Jianqing Gao. Latent Swap Joint Diffusion for Long-Form 2D Latent Generation. *International Conference on Computer Vision (ICCV)*, 2025.
15. Junyou Wang, Zehua Chen, Binjie Yuan, Kaiwen Zheng, **Chang Li**, Yuxuan Jiang, Jun Zhu. AudioMoG: High-Fidelity Audio Generation with Mixture-of-Guidance. Submitted to *International Conference on Learning Representations (ICLR)*, 2026.

## Currently interests

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Design of deep generative methods, large-scale pretraining, representation (latent space) learning and transfer, as well as physiological (time-series) signal understanding and generation.

## Proficiencies

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- Language: IELTS 7.0 (Reading 8.5, Writing 6.5)
- Hobbies: Cello, Rubik's cube, Badminton