

EDUCATION	<p>National Key Laboratory of Fundamental Science on Synthetic Vision, Sichuan University Chengdu, China <i>Combined Master's and Ph.D. Program in Computer Science</i> 2020 - 2026 (<i>expected</i>)</p> <ul style="list-style-type: none"> • Advisor: Associate Prof. Hu Chen and Pro. Yi Zhang • Research area: Medical Imaging and Generative Model <p>College of Information Engineering, Sichuan Agricultural University Chengdu, China <i>B.E. in Internet of Things (IoT) engineering</i> 2016 - 2020</p> <ul style="list-style-type: none"> • Research area: Video Analysis and Deep Learning
PUBLICATIONS	<ol style="list-style-type: none"> 1. Linchao He, Wenchao Du, Peixi Liao, Fenglei Fan, Hu Chen, Hongyu Yang, Yi Zhang. Solving Zero-Shot Sparse-View CT Reconstruction With Variational Score Solver. <i>IEEE Transactions on Medical Imaging</i>, 2024. 2. Hongjie Wu*, Linchao He*, Mingqin Zhang, Dongdong Chen, Kunming Luo, Mengting Luo, Ji-Zhe Zhou, Hu Chen, Jiancheng Lv. Diffusion Posterior Proximal Sampling for Image Restoration. <i>ACM Multimedia</i>, 2024. 3. Haotian Tan*, Linchao He*, Wenchao Du, Hong Liu, Hu Chen, Yi Zhang, Hongyu Yang. PRX-Change: Enhancing remote sensing change detection through progressive feature refinement and Cross-Attention interaction. <i>International Journal of Applied Earth Observation and Geoinformation</i>, 2024. 4. Mengting Luo, Nan Zhou, Tao Wang, Linchao He, Wang Wang, Hu Chen, Peixi Liao, Yi Zhang . Bi-Constraints Diffusion: A Conditional Diffusion Model with Degradation Guidance for Metal Artifact Reduction. <i>IEEE Transactions on Medical Imaging</i>, 2024. 5. Linchao He*, Haozhe Zhu*, Xiaodong Deng, Fei Fan, Peixi Liao, Wenchao Du, Hu Chen, Zhenhua Deng, Yi Zhang. FAM-Former: Global Transformer and Feature Aggregation Module for Knee MRI Age Estimation. <i>IEEE Transactions on Instrumentation and Measurement</i>, 2023. 6. Dejun Zhang, Linchao He, Zhigang Tu, Shifu Zhang, Fei Han, Boxiong Yang. Learning motion representation for real-time spatio-temporal action localization. <i>Pattern Recognition</i>, 2020.
PROJECTS	<p>A study of low-dose CT imaging methods for small samples (As a researcher) <i>National Natural Science Foundation of China (NSFC)</i> 2020.01 - 2023.01</p>
AWARDS AND HONORS	<ul style="list-style-type: none"> • Outstanding Student Award, Sichuan University 2024.09 • First Class Scholarship, Sichuan University 2024.09 • First Class Scholarship, Sichuan University 2020.09
SKILLS	<p>Languages: Chinese, English.</p> <p>Programming Skills: Python, Pytorch, Tensorflow, Linux.</p>
ACADEMIC SERVICES	<p>Reviewers for: <i>IEEE Transactions on Medical Imaging</i>.</p>