Guangyi Chen

📱+971 529644166 | +86 18811366547   •   ✉ guangyichen1994@gmail.com

🌐 chengy12.github.io   •   Google Scholar

Education

Department of Automation, Tsinghua University   Beijing, China

    PhD student in Computer Vision   *2016-2021*

    Advisor: Prof. Jie Zhou

    Assistant Advisor: Prof. Jiwen Lu

Department of Automation, Tsinghua University   Beijing, China

    B.E. in Automation   *2012-2016*

Academic Positions

Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)   Abu Dhabi, UAE

    Postdoctoral Research Fellow (Supervisor: Prof. Kun Zhang)   *2021-2024*

Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)   Abu Dhabi, UAE

    Research Scientist (Supervisor: Prof. Kun Zhang)   *2025-present*

Carnegie Mellon University   Pittsburgh, PA, USA

    Postdoctoral Research Fellow (Supervisor: Prof. Kun Zhang)   *2021-2024*

Carnegie Mellon University   Pittsburgh, PA, USA

    CMU-CLeaR Group Leader (Supervisor: Prof. Kun Zhang)   *2024-present*

Publications

* indicates equal contribution, [†] indicates leading or co-leading.

Peer-Reviewed Journal Publications

[1] Jinglin Xu*, **Guangyi Chen***, Jiwen Lu, and Jie Zhou
Probabilistic Temporal Modeling for Unintentional Action Localization
IEEE Transactions on Image Processing (**TIP**, *IF: 13.7*), 2022

[2] Jinglin Xu*, **Guangyi Chen***, Jiwen Lu, and Jie Zhou
Unintentional Action Localization via Counterfactual Examples
IEEE Transactions on Image Processing (**TIP**, *IF: 13.7*), 2022

[3] **Guangyi Chen**, Tianpei Gu, Jiwen Lu, Jinan Bao, and Jie Zhou
Person Re-identification via Attention Pyramid
IEEE Transactions on Image Processing (**TIP**, *IF: 13.7*), 2020

[4] **Guangyi Chen**, Jiwen Lu, Ming Yang, and Jie Zhou
Learning Recurrent 3D Attention for Video-based Person Re-identification
IEEE Transactions on Image Processing (**TIP**, *IF: 13.7*), 2020

[5] **Guangyi Chen**, Jiwen Lu, Ming Yang, and Jie Zhou
Spatial-Temporal Attention-aware Learning for Video-based Person Re-identification
IEEE Transactions on Image Processing (**TIP**, *IF: 13.7*), 2019, **Featured Article**

Peer-Reviewed Conference Publications

[6] **Guangyi Chen***, Yunlong Deng*, Peiyuan Zhu*, Yan Li*, Yifan Shen, Zijian Li, Kun Zhang,
CausalVerse: A Comprehensive Benchmark for Causal Representation Learning with Controllable High-Fidelity Simulations,
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2025, **Spotlight**

[7] Yunlong Deng*, **Guangyi Chen***, Tianpei Gu, Lingjing Kong, Yan Li, Zeyu Tang, Kun Zhang,
Towards Self-Refinement of Vision-Language Models with Triangular Consistency,
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2025

[8] Zijian Li, Minghao Fu, Junxian Huang, Yifan Shen, Ruichu Cai, Yuewen Sun, **Guangyi Chen**[†], Kun Zhang[†],
Towards Identifiability of Hierarchical Temporal Causal Representation Learning,
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2025

[9] Zijian Li, Changze Zhou, Minghao Fu, Sanjay Manjunath, Fan Feng, **Guangyi Chen**, Yingyao Hu, Ruichu Cai, Kun Zhang,
Online Time Series Forecasting with Theoretical Guarantees,
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2025

[10] Jiayou Zhang, Yifan Shen, **Guangyi Chen**, Le Song, Eric P. Xing,
Dimensional Collapse in VQVAEs: Evidence and Remedies,
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2025

[11] Shaoan Xie*, Lingjing Kong*, Yujia Zheng, Zeyu Tang, Eric P. Xing, **Guangyi Chen** [†], Kun Zhang [†],
Learning Vision and Language Concepts for Controllable Image Generation
International Conference on Machine Learning (**ICML**), 2025

[12] Zeyu Tang*, Zhenhao Chen*, Xiangchen Song, Loka Li, Yunlong Deng, Yifan Shen, **Guangyi Chen**, Peter Spirtes, Kun Zhang,
Reflection-Window Decoding: Text Generation with Selective Refinement
International Conference on Machine Learning (**ICML**), 2025

[13] Ignavier Ng*, Yan Li*, Zijian Li, Yujia Zheng, **Guangyi Chen** [†], Kun Zhang [†],
A General Representation-Based Approach to Multi-Source Domain Adaptation
International Conference on Machine Learning (**ICML**), 2025

[14] Shaoan Xie*, Lingjing Kong*, Yujia Zheng, Yu Yao, Zeyu Tang, Eric P. Xing, **Guangyi Chen** [†], Kun Zhang [†],
SmartCLIP: Modular Vision-language Alignment with Identification Guarantees
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2025, **Highlight**

[15] Yuewen Sun*, Lingjing Kong*, **Guangyi Chen**, Loka Li, Gongxu Luo, Zijian Li, Yixuan Zhang, Yujia Zheng, Mengyue Yang, Petar Stojanov, Eran Segal, Eric P Xing, Kun Zhang,
Causal Representation Learning from Multimodal Biological Observations
The Thirteenth International Conference on Learning Representations (**ICLR**), 2025

[16] Zijian Li*, Yifan Shen*, Kaitao Zheng, Ruichu Cai, Xiangchen Song, Mingming Gong, **Guangyi Chen** [†], Kun Zhang[†],
On the Identification of Temporal Causal Representation with Instantaneous Dependence
The Thirteenth International Conference on Learning Representations (**ICLR**), 2025, **Oral**

[17] Zijian Li*, Shunxing Fan*, Yujia Zheng, Ignavier Ng, Shaoan Xie, **Guangyi Chen**, Xinshuai Dong, Ruichu Cai, Kun Zhang,
Synergy Between Sufficient Changes and Sparse Mixing Procedure for Disentangled Representation Learning
The Thirteenth International Conference on Learning Representations (**ICLR**), 2025

[18] Yuke Li*, Yujia Zheng*, **Guangyi Chen**, Kun Zhang, Heng Huang,
Identification of Intermittent Temporal Latent Process
The Thirteenth International Conference on Learning Representations (**ICLR**), 2025

[19] Ruichu Cai, Zhifan Jiang, Kaitao Zheng, Zijian Li, Weilin Chen, Xuexin Chen, Yifan Shen, **Guangyi Chen**, Zhifeng Hao, Kun Zhang,
Learning Disentangled Representation for Multi-Modal Time-Series Sensing Signals
Proceedings of the ACM Web Conference (**WWW**), 2025

[20] Lingjing Kong*, **Guangyi Chen***, Petar Stojanov, Haoxuan Li, Eric P. Xing, Kun Zhang,
Towards Understanding Extrapolation: a Causal Lens
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2024

[21] Lingjing Kong, **Guangyi Chen**, Biwei Huang, Eric P. Xing, Yuejie Chi, Kun Zhang,
Learning Discrete Concepts in Latent Hierarchical Models
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2024

[22] Xiangchen Song, Zijian Li, **Guangyi Chen**, Yujia Zheng, Yewen Fan, Xinshuai Dong, Kun Zhang,
Causal Temporal Representation Learning with Nonstationary Sparse Transition
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2024

[23] Loka Li*, Haoyue Dai*, Hanin Al Ghothani, Biwei Huang, Jiji Zhang, Shahar Harel, Isaac Bentwich, **Guangyi Chen**[†], Kun Zhang[†],
On Causal Discovery in the Presence of Deterministic Relations
Thirty-eighth Conference on Neural Information Processing Systems (**NeurIPS**), 2024

[24] Hanqi Yan, Yanzheng Xiang, **Guangyi Chen**, Yifei Wang, Lin Gui, Yulan He,
Encourage or Inhibit Monosemanticity? Revisit Monosemanticity from a Feature Decorrelation Perspective
The 2024 Conference on Empirical Methods in Natural Language Processing (**EMNLP**), 2024

[25] Zuyan Liu, Benlin Liu, Jiahui Wang, Yuhao Dong, **Guangyi Chen**, Jiwen Lu, Ranjay Krishna, Yongming Rao
Efficient Inference of Vision Instruction-Following Models with Elastic Cache
18th European Conference on Computer Vision (**ECCV**), 2024

[26] **Guangyi Chen***, Yifan Shen*, Zhenhao Chen*, Xiangchen Song, Yuewen Sun, Weiran Yao, Xiao Liu, Kun Zhang
CaRiNG: Learning Temporal Causal Representation under Non-Invertible Generation Process
International Conference on Machine Learning (**ICML**), 2024

[27] Yuke Li*, **Guangyi Chen***, Ben Abramowitz, Stefano Anzellott, Donglai Wei
Learning Domain-Invariant Causal Temporal Dynamics for Few-Shot Action Recognition
International Conference on Machine Learning (**ICML**), 2024

[28] Shiyi Zhang, Sule Bai, **Guangyi Chen**, Lei Chen, Jiwen Lu, Junle Wang, Yansong Tang
Narrative Action Evaluation with Prompt-Guided Multimodal Interaction
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2024

[29] **Guangyi Chen***, Yuke Li*, Xiao Liu, Zijian Li, Eman Al Suradi, Donglai Wei, Kun Zhang
LLCP: Learning Latent Causal Processes for Reasoning-based Video Question Answer
The Twelveth International Conference on Learning Representations (**ICLR**), 2024

[30] Songyao Jin, Feng Xie, **Guangyi Chen**, Biwei Huang, Zhengming Chen, Xinshuai Dong, Kun Zhang
Structural Estimation of Partially Observed Linear Non-Gaussian Acyclic Model: A Practical Approach with Identifiability
The Twelveth International Conference on Learning Representations (**ICLR**), 2024

[31] Longkang Li, Ignavier Ng, Gongxu Luo, Biwei Huang, **Guangyi Chen**, Tongliang Liu, Bin Gu, Kun Zhang
Federated Causal Discovery from Heterogeneous Data
The Twelveth International Conference on Learning Representations (**ICLR**), 2024

[32] Sheng Zhang, Muzammal Naseer, **Guangyi Chen**, Zhiqiang Shen, Salman Khan, Kun Zhang, Fahad Khan
Towards Realistic Zero-Shot Classification via Self Structural Semantic Alignment
Thirty-Eighth AAAI Conference on Artificial Intelligence (**AAAI**), 2024, **Oral**

[33] Xiao Liu, **Guangyi Chen**, Yansong Tang, Guangrun Wang, Xiao-Ping Zhang, Ser-Nam Lim
Language-free Compositional Action Generation via Decoupling Refinement
IEEE International Conference on Acoustics, Speech and Signal Processing (**ICASSP**), 2024, **Oral**

[34] Tianjun Yao, Jiaqi Sun, Defu Cao, Kun Zhang[†], **Guangyi Chen**[†]
MuGSI: Distilling GNNs with Multi-Granularity Structural Information for Graph Classification
Proceedings of the ACM on Web Conference (**WWW**), 2024

[35] Zijian Li, Ruichu Cai, **Guangyi Chen**, Boyang Sun, Zhifeng Hao and Kun Zhang
Subspace Identification for Multi-Source Domain Adaptation
Thirty-seventh Conference on Neural Information Processing Systems (**NeurIPS**), 2023, **Spotlight**

[36] Xiangchen Song, Weiran Yao, Yewen Fan, Xinshuai Dong, **Guangyi Chen**, Juan Carlos Niebles, Eric Xing, and Kun Zhang
Temporally Disentangled Representation Learning under Unknown Nonstationarity
Thirty-seventh Conference on Neural Information Processing Systems (**NeurIPS**), 2023

[37] Rongqing Li, Changsheng Li, Dongchun Ren, **Guangyi Chen**, Ye Yuan and Guoren Wang
BCDiff: Bidirectional Consistent Diffusion for Instantaneous Trajectory Prediction
Thirty-seventh Conference on Neural Information Processing Systems (**NeurIPS**), 2023

[38] **Guangyi Chen***, Xiao Liu*, Guangrun Wang, Kun Zhang, Phillip Torr, Xiao-Ping Zhang, and Yansong Tang
Tem-adapter: Adapting Image-Text Pretraining for Video Question Answer
IEEE International Conference on Computer Vision (**ICCV**), 2023

[39] Jiaqi Sun, Lin Zhang, **Guangyi Chen**, Kun Zhang, Peng Xu, and Yujiu Yang
Feature Expansion for Graph Neural Networks
International Conference on Machine Learning (**ICML**), 2023

[40] **Guangyi Chen***, Zhenhao Chen*, Shunxing Fan, and Kun Zhang
Unsupervised Sampling Promoting for Stochastic Human Trajectory Prediction
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2023

[41] Lingjing Kong, Martin Q. Ma, **Guangyi Chen**, Eric P. Xing, Yuejie Chi, Louis-Philippe Morency, and Kun Zhang

Understanding Masked Autoencoders via Hierarchical Latent Variable Models
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2023, **Highlight**

[42] Sheng Zhang, Salman Khan, Zhiqiang Shen, Muzammal Naseer, **Guangyi Chen**, and Fahad Khan
PromptCAL: Contrastive Affinity Learning via Auxiliary Prompts for Generalized Novel Category Discovery
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2023

[43] **Guangyi Chen**, Weiran Yao, Xiangchen Song, Xinyue Li, Yongming Rao, and Kun Zhang
PLOT: Prompt Learning with Optimal Transport for Vision-Language Models
The Eleventh International Conference on Learning Representations (**ICLR**), 2023, **Spotlight**

[44] Junlong Li, **Guangyi Chen**, Yansong Tang, Jinan Bao, Kun Zhang, Jie Zhou, and Jiwen Lu,
GAIN: On the Generalization of Instructional Action Understanding
The Eleventh International Conference on Learning Representations (**ICLR**), 2023

[45] Qiaosong Chu, Shuyan Li, **Guangyi Chen**, Kai Li, Xiu Li,
Adversarial Alignment for Source Free Object Detection
Thirty-Seventh AAAI Conference on Artificial Intelligence (**AAAI**), 2023, **Oral**

[46] Weiran Yao, **Guangyi Chen**, and Kun Zhang
Temporally Disentangled Representation Learning
Thirty-sixth Conference on Neural Information Processing Systems (**NeurIPS**), 2022

[47] Lingjing Kong, Shaoan Xie, Weiran Yao, Yujia Zheng, **Guangyi Chen**, Petar Stojanov, Victor Akinwande, and Kun Zhang
Partial disentanglement for domain adaptation
International Conference on Machine Learning (**ICML**), 2022

[48] Tianpei Gu*, **Guangyi Chen***, Junlong Li, Chunze Lin, Yongming Rao, Jie Zhou, and Jiwen Lu
Stochastic Trajectory Prediction via Motion Indeterminacy Diffusion
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2022

[49] Yongming Rao, Wenliang Zhao, **Guangyi Chen**, Yansong Tang, Zheng Zhu, Guan Huang, Jie Zhou, and Jiwen Lu
DenseCLIP: Language-Guided Dense Prediction with Context-Aware Prompting
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2022

[50] Jinglin Xu*, Yongming Rao*, Xumin Yu, **Guangyi Chen**, Jie Zhou, and Jiwen Lu
FineDiving: A Fine-grained Dataset for Procedure-aware Action Quality Assessment
IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR**), 2022, **Oral**

[51] **Guangyi Chen**, Junlong Li, Nuoxing Zhou, Liangliang Ren, and Jiwen Lu
Personalized Trajectory Prediction via Distribution Discrimination
IEEE International Conference on Computer Vision (**ICCV**), 2021

[52] **Guangyi Chen**, Junlong li, Jiwen Lu, and Jie Zhou
Human Trajectory Prediction via Counterfactual Analysis
IEEE International Conference on Computer Vision (**ICCV**), 2021

[53] Yongming Rao*, **Guangyi Chen***, Jiwen Lu, and Jie Zhou
Counterfactual Attention Learning for Visual Recognition
IEEE International Conference on Computer Vision (**ICCV**), 2021

[54] Nuoxing Zhou, **Guangyi Chen**, Jinglin Xu, Weishi Zheng, and Jiwen Lu
Temporal Label Aggregation for Unintentional Action Localization
2021 IEEE International Conference on Multimedia and Expo (**ICME**), 2021

[55] **Guangyi Chen**, Yuhao Lu, Jiwen Lu, and Jie Zhou
Deep Credible Metric Learning for Unsupervised Domain Adaptation Person Re-identification
16th European Conference on Computer Vision (**ECCV**), 2020

[56] **Guangyi Chen***, Yongming Rao*, Jiwen Lu, and Jie Zhou
Temporal Coherence or Temporal Motion: Which is More Critical for Video-based Person Re-identification?
16th European Conference on Computer Vision (**ECCV**), 2020

[57] **Guangyi Chen**, Tianren Zhang, Jiwen Lu, and Jie Zhou
Deep Meta Metric Learning
IEEE International Conference on Computer Vision (**ICCV**), 2019

[58] **Guangyi Chen**, Chunze Lin, Liangliang Ren, Jiwen Lu, and Jie Zhou
Self-Critical Attention Learning for Person Re-identification
IEEE International Conference on Computer Vision (**ICCV**), 2019

[59] **Guangyi Chen**, Jiwen Lu, Jianjiang Feng and Jie Zhou
Localized Multi-kernel Discriminative Canonical Correlation Analysis for Video-based Person Re-identification
2017 IEEE International Conference on Image Processing (**ICIP**), 2017, **Oral**

Patent & Software Copyright

[1] **Guangyi Chen**, Jiwen Lu, Ming Yang, and Jie Zhou
Video object feature extraction method and device, video object matching method and device
patent, publish number: ZL 2018 1 1527701.5

[2] Jiwen Lu, Jie Zhou, Liangliang Ren, **Guangyi Chen**, and Chunze Lin
Person detection and recognition system
software copyright, publish number: 2017SR533034

Talks

Causal Representation Learning and Trustworthy AI
Invited Talk at University of California San Diego (UCSD) *August 2025*

Causal Representation Learning in Visual Understaning
Invited Talk at National University of Singapore (NUS) *April 2025*

Causal Representation Learning in Visual Understaning
Invited Talk at Nanyang Technological University (NTU) *April 2025*

Causal Representation Learning for Video Understanding
Invited Talk at Pacific Causal Inference Conference (PCIC) *July 2024*

Prompt Learning Meets Visual Context
Invited Talk at Valse *June 2024*

Causality in Computer Vision
Invited Talk at Shandong University *June 2023*

PLOT: Prompt Learning with Optimal Transport for Vision-Language Models
ICLR'2017 Spotlight *May 2023*

Causal Inference for Computer Vision
Invited Talk at Cargenie Mellon University (CMU) *Nov 2021*

Causal Inference for Computer Vision
Invited Talk at Swiss Federal Institute of Technology Lausanne (EPFL) *Nov 2021*

Localized Multi-kernel Discriminative CCA for Video-based Person ReID
ICIP'2017 Oral *Aug 2017*

Awards

Jiang Zhen Scholarship at Tsinghua University	*2020*
2nd place in Semi-Supervised Recognition Challenge at FGVC7	*2020*
Samsung Scholarship	*2019*
Academic Excellence Scholarship at Tsinghua University	*2015*
Tsinghua Scholarship	*2014*
National Encouragement Scholarship	*2014*
National Encouragement Scholarship	*2013*

Teaching Assistant

- Analog Electronic Technology Foundation, Tsinghua University, 2018.
- Analog Electronic Technology Foundation, Tsinghua University, 2019.
- Numerical Analysis and Algorithm, Tsinghua University, 2019.
- Probabilistic and Statistical Inference (ML703), MBZUAI, 2021, Fall.
- Probabilistic and Statistical Inference (ML703), MBZUAI, 2022, (Spring, Fall).

- Advanced Probabilistic and Statistical Inference (ML803), MBZUAI, 2023, (Spring, Fall).
- Advanced Probabilistic and Statistical Inference (ML803), MBZUAI, 2024, Spring.

Post Co-advised Students

- Tianren Zhang (2018-2019), Phd at Tsinghua University
- Yuhao Lu (2019-2020), Bytedance
- Weilin Huang (2019-2020), Phd at Tsinghua University
- Junlong Li (2020-2022), Bytedance
- Wenliang Zhao (2020-2022), Phd at Tsinghua University
- Tianpei Gu (2020-2022), Krea AI
- Nuoxing Zhou (2020-2021), Master at Northwestern University
- Jinan Bao (2020-2021), Master at University of Alberta
- Weiran Yao (2021-2023), SalesForce
- Sheng Zhang (2022-2024), Phd at University of Maryland
- Songyao Jin (2022-2024), Phd at University of California San Diego
- Eman Al Suradi, (2022-2024), MBZUAI

Current Co-advised Students

- Lingjing Kong (2021-), Carnegie Mellon University
- Xiangchen Song (2021-), Carnegie Mellon University
- Jiaqi Sun (2022-), Carnegie Mellon University
- Xiao Liu (2022-), Tsinghua Shenzhen International Graduate School
- Zijian Li (2022-), MBZUAI
- Zhenhao Chen (2022-), MBZUAI
- Boyang Sun (2022-), MBZUAI
- Zhengqing Gao (2022-), MBZUAI
- Shunxing Fan (2022-), MBZUAI
- Yifan Shen (2022-), MBZUAI
- Loka Li (2022-), MBZUAI
- Gongxu Luo (2022-), MBZUAI
- Yiwen Qiu (2023-), Carnegie Mellon University
- Minghao Fu (2023-), MBZUAI
- Zongfang Liu (2023-), MBZUAI
- Ce Chen (2024-), MBZUAI
- Yan Li (2024-), MBZUAI
- Yunlong Deng (2024-), MBZUAI
- Jinyuan Hu (2025-), Tsinghua University

Academic Services

Publicity Chair

- CLeaR 2023.

Area Chair

- ICLR 2026.

Co-Organizer

○ Co-Organizer on the Causal Representation Learning Workshop at NeurIPS 2024.

○ Co-Organizer on the Causal Representation Learning Workshop at ICDM 2024.

○ Co-Organizer on The Third Workshop on Human Identification in Multimedia (HIM'19) at ICME 2019.

Journal Reviewer

○ IEEE Transactions on Pattern Analysis and Machine Intelligence

○ IEEE Transactions on Image Processing

○ International Journal of Computer Vision

○ Nature Communications Engineering

○ IEEE Transactions on Neural Networks and Learning Systems

○ IEEE Transactions on Multimedia

○ IEEE Transactions on Circuits and Systems for Video Technology

○ ACM Computing Surveys

○ Pattern Recognition

○ Image and Vision Computing

○ Pattern Recognition Letters

○ Neuralcomputing

○ Journal of Visual Communication and Image Representation

○ Visual Intelligence

○ Data Mining and Knowledge Discovery

○ IEEE Internet of Things Journal

○ IEEE Access

○ Information Fusion

○ International Journal of Applied Earth Observation and Geoinformation

Conference Reviewer

○ IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2020, 2021, 2022, 2023, 2024, 2025)

○ Neural Information Processing Systems (NeurIPS 2020, 2021, 2022, 2023, 2024, 2025)

○ IEEE International Conference on Computer Vision (ICCV 2021, 2023, 2025)

○ International Conference on Learning Representations (ICLR 2022, 2023, 2024, 2025)

○ International Conference on Machine Learning (ICML 2021, 2022, 2023, 2024, 2025)

○ European Conference on Computer Vision (ECCV 2020, 2022, 2024)

○ International Joint Conference on Artificial Intelligence (IJCAI 2021)

○ AAAI Conference on Artificial Intelligence (AAAI 2024)

○ IEEE International Conference on Data Mining (ICDM 2024)

○ Association for Uncertainty in Artificial Intelligence (UAI 2022, 2025)

○ IEEE International Conference on Multimedia and Expo (ICME 2018, 2019, 2020, 2021, 2022, 2023)

○ IEEE Winter Conference on Applications of Computer Vision (WACV 2020, 2021, 2022, 2023)

○ International Conference on Pattern Recognition (ICPR 2018, 2019, 2020)

○ IEEE International Conference on Image Processing (ICIP 2018, 2019, 2020)