

Xiaolong Wang

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Affiliation

University of California San Diego

Assistant Professor, Electrical and Computer Engineering

July 2020 - present

Affiliate Faculty, Computer Science and Engineering Department

Affiliate Faculty, Contextual Robotics Institute, Center for Visual Computing, Artificial Intelligence Group

Education

Carnegie Mellon University

Ph.D. in Robotics

Advisor: Abhinav Gupta

Pittsburgh, PA, USA

2014 - 2019

Sun Yat-Sen University

M.S. in Computer Science

Guangzhou, China

2011 - 2014

South China Agricultural University

B.E. in Software Engineering

Guangzhou, China

2007 - 2011

Academic Positions

Berkeley AI Research (BAIR), UC Berkeley

Postdoctoral Fellow (Supervisor: Alexei A. Efros and Trevor Darrell)

Sep 2019 - June 2020

Berkeley AI Research (BAIR), UC Berkeley

Visiting Researcher (Supervisor: Alexei A. Efros)

Jun 2018 - Dec 2018

Facebook AI Research (FAIR)

Research Intern (Supervisor: Kaiming He and Ross Girshick)

May 2017 - Dec 2017

Allen Institute for Artificial Intelligence (AI2)

Research Intern (Supervisor: Ali Farhadi)

May 2015 - Aug 2015

Selected Awards

- Sony Research Award 2021
- Facebook Fellowship 2018
- Nvidia Fellowship 2017
- Best Student Paper Award of ICME 2014

Publications

Peer-Reviewed Conference Publications

[74] Yinbo Chen, Xiaolong Wang

Transformers as Meta-Learners for Implicit Neural Representations
in European Conference on Computer Vision (ECCV), 2022.

[73] Yuzhe Qin*, Yueh-Hua Wu*, Shaowei Liu, Hanwen Jiang, Ruihan Yang, Yang Fu, Xiaolong Wang

DexMV: Imitation Learning for Dexterous Manipulation from Human Videos
in European Conference on Computer Vision (ECCV), 2022.

- [72] Xueting Li, **Xiaolong Wang**, Ming-Hsuan Yang, Alexei Efros, Sifei Liu
Scraping Textures from Natural Images for Synthesis and Editing
in European Conference on Computer Vision (ECCV), 2022.
- [71] Hanzhe Hu*, Yinbo Chen*, Jiarui Xu, Shubhankar Borse, Hong Cai, Fatih Porikli, **Xiaolong Wang**
Learning Implicit Feature Alignment Function for Semantic Segmentation
in European Conference on Computer Vision (ECCV), 2022.
- [70] Yuzhe Qin, Hao Su*, **Xiaolong Wang***
From One Hand to Multiple Hands: Imitation Learning for Dexterous Manipulation from Single-Camera Teleoperation
in International Conference on Intelligent Robots and Systems (IROS), 2022.
- [69] Jianglong Ye, Yuntao Chen, Naiyan Wang, **Xiaolong Wang**
Online Adaptation for Implicit Object Tracking and Shape Reconstruction in the Wild
in International Conference on Intelligent Robots and Systems (IROS), 2022.
- [68] Chieko Sarah Imai*, Minghao Zhang*, Yuchen Zhang*, Marcin Kierebiński, Ruihan Yang, Yuzhe Qin, **Xiaolong Wang**.
Vision-Guided Quadrupedal Locomotion in the Wild with Multi-Modal Delay Randomization
in International Conference on Intelligent Robots and Systems (IROS), 2022.
- [67] Rishabh Jangir*, Nicklas Hansen*, Sambaran Ghosal, Mohit Jain, **Xiaolong Wang**
Look Closer: Bridging Egocentric and Third-Person Views with Transformers for Robotic Manipulation
in International Conference on Robotics and Automation (ICRA), 2022.
- [66] Nicklas Hansen, **Xiaolong Wang***, Hao Su*
Temporal Difference Learning for Model Predictive Control
in International Conference on Machine Learning (ICML), 2022.
- [65] Zeyuan Chen, Yinbo Chen, Jingwen Liu, Xingqian Xu, Vidit Goel, Zhangyang Wang, Humphrey Shi, **Xiaolong Wang**
VideoINR: Learning Video Implicit Neural Representation for Continuous Space-Time Super-Resolution
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [64] Jianglong Ye, Yuntao Chen, Naiyan Wang, **Xiaolong Wang**
GIFS: Neural Implicit Function for General Shape Representation
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [63] Shaowei Liu, Subarna Tripathi, Somdeb Majumdar, **Xiaolong Wang**
Joint Hand Motion and Interaction Hotspots Prediction from Egocentric Videos
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [62] Jiteng Mu, Shalini De Mello, Zhiding Yu, Nuno Vasconcelos, **Xiaolong Wang**, Jan Kautz, Sifei Liu
CoordGAN: Self-Supervised Dense Correspondences Emerge from GANs
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [61] Xuanchi Ren, **Xiaolong Wang**
Look Outside the Room: Synthesizing A Consistent Long-Term 3D Scene Video from A Single Image
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [60] Jiarui Xu, Shalini De Mello, Sifei Liu, Wonmin Byeon, Thomas Breuel, Jan Kautz, **Xiaolong Wang**
GroupViT: Semantic Segmentation Emerges from Text Supervision
in Conference on Computer Vision and Pattern Recognition (CVPR), 2022.

- [59] Ruihan Yang, Minghao Zhang, Nicklas Hansen, Huazhe Xu, **Xiaolong Wang**
Learning Vision-Guided Quadrupedal Locomotion End-to-End with Cross-Modal Transformers
in International Conference on Learning Representations (ICLR), 2022.
(**Spotlight Presentation**)
- [58] Xueting Li, Shalini De Mello, **Xiaolong Wang**, Ming-Hsuan Yang, Jan Kautz, Sifei Liu
Learning Continuous Environment Fields via Implicit Functions
in International Conference on Learning Representations (ICLR), 2022.
- [57] Jiashun Wang, Huazhe Xu, Medhini Narasimhan, **Xiaolong Wang**
Multi-Person 3D Motion Prediction with Multi-Range Transformers
in Neural Information Processing Systems (NeurIPS), 2021.
- [56] Yizhuo Li, Miao Hao, Zonglin Di, Nitesh B. Gundavarapu, **Xiaolong Wang**
Test-Time Personalization with a Transformer for Human Pose Estimation
in Neural Information Processing Systems (NeurIPS), 2021.
- [55] Nicklas Hansen, Hao Su, **Xiaolong Wang**
Stabilizing Deep Q-Learning with ConvNets and Vision Transformers under Data Augmentation
in Neural Information Processing Systems (NeurIPS), 2021.
- [54] Tianjun Zhang, Huazhe Xu, **Xiaolong Wang**, Yi Wu, Kurt Keutzer, Joseph E. Gonzalez, Yuandong Tian
NovelD: A Simple yet Effective Exploration Criterion
in Neural Information Processing Systems (NeurIPS), 2021.
- [53] Zihang Lai, Sifei Liu, Alexei A. Efros, **Xiaolong Wang**
Video Autoencoder: Self-supervised Disentanglement of 3D Structure and Motion
in International Conference on Computer Vision (ICCV), 2021.
(**Oral Presentation**)
- [52] Jiarui Xu, **Xiaolong Wang**
Rethinking Self-supervised Correspondence Learning: A Video Frame-level Similarity Perspective
in International Conference on Computer Vision (ICCV), 2021.
(**Oral Presentation**)
- [51] Hanwen Jiang, Shaowei Liu, Jiashun Wang, **Xiaolong Wang**
Hand-Object Contact Consistency Reasoning for Human Grasps Generation
in International Conference on Computer Vision (ICCV), 2021.
(**Oral Presentation**)
- [50] Jiteng Mu, Weichao Qiu, Adam Kortylewski, Alan Yuille, Nuno Vasconcelos, **Xiaolong Wang**
A-SDF: Learning Disentangled Signed Distance Functions for Articulated Shape Representation
in International Conference on Computer Vision (ICCV), 2021.
- [49] Haiping Wu, **Xiaolong Wang**
Contrastive Learning of Image Representations with Cross-Video Cycle-Consistency
in International Conference on Computer Vision (ICCV), 2021.
- [48] Yinbo Chen, Zhuang Liu, Huijuan Xu, Trevor Darrell, **Xiaolong Wang**
Meta-Baseline: Rethinking the Effectiveness of Simple Meta-Learning for Few-Shot Learning
in International Conference on Computer Vision (ICCV), 2021.
- [47] Xin Wang, Thomas E. Huang, Benlin Liu, Fisher Yu, **Xiaolong Wang**, Joseph E. Gonzalez, Trevor Darrell

Robust Object Detection via Instance-Level Temporal Cycle Confusion
in International Conference on Computer Vision (ICCV), 2021.

- [46] Tete Xiao, Colorado J Reed, **Xiaolong Wang**, Kurt Keutzer, Trevor Darrell
Region Similarity Representation Learning
in International Conference on Computer Vision (ICCV), 2021.
- [45] Elad Levi, Tete Xiao, **Xiaolong Wang**, Trevor Darrell
Rethinking preventing class-collapsing in metric learning with margin-based losses
in International Conference on Computer Vision (ICCV), 2021.
- [44] Ilija Radosavovic, **Xiaolong Wang**, Lerrel Pinto, Jitendra Malik
State-Only Imitation Learning for Dexterous Manipulation
in International Conference on Intelligent Robots and Systems (IROS), 2021.
- [43] Amir Bar, Roei Herzig, **Xiaolong Wang**, Anna Rohrbach, Gal Chechik, Trevor Darrell, Amir Globerson
Compositional Video Synthesis with Action Graphs
in International Conference on Machine Learning (ICML), 2021.
- [42] Yinbo Chen, Sifei Liu, **Xiaolong Wang**
Learning Continuous Image Representation with Local Implicit Image Function
in Computer Vision and Pattern Recognition (CVPR), 2021.
(**Oral Presentation**)
- [41] Jiashun Wang, Huazhe Xu, Jingwei Xu, Sifei Liu, **Xiaolong Wang**
Synthesizing Long-Term 3D Human Motion and Interaction in 3D Scenes
in Conference on Computer Vision and Pattern Recognition (CVPR), 2021.
- [40] Shaowei Liu, Hanwen Jiang, Jiarui Xu, Sifei Liu, **Xiaolong Wang**
Semi-Supervised 3D Hand-Object Poses Estimation with Interactions in Time
in Conference on Computer Vision and Pattern Recognition (CVPR), 2021.
- [39] Nicklas Hansen, **Xiaolong Wang**
Generalization in Reinforcement Learning by Soft Data Augmentation
in International Conference on Robotics and Automation (ICRA), 2021.
- [38] Qiang Zhang, Tete Xiao, Alexei A. Efros, Lerrel Pinto, **Xiaolong Wang**
Learning Cross-domain Correspondence for Control with Dynamics Cycle-consistency
in International Conference on Learning Representations (ICLR), 2021.
(**Oral Presentation**)
- [37] Nicklas Hansen, Rishabh Jangir, Yu Sun, Guillem Alenyà, Pieter Abbeel, Alexei A. Efros, Lerrel Pinto, **Xiaolong Wang**
Self-Supervised Policy Adaptation during Deployment
in International Conference on Learning Representations (ICLR), 2021.
(**Spotlight Presentation**)
- [36] Tete Xiao, **Xiaolong Wang**, Alexei A. Efros, Trevor Darrell
What Should Not Be Contrastive in Contrastive Learning
in International Conference on Learning Representations (ICLR), 2021.
- [35] Haozhi Qi, **Xiaolong Wang**, Deepak Pathak, Yi Ma, Jitendra Malik
Learning Long-term Visual Dynamics with Region Proposal Interaction Networks
in International Conference on Learning Representations (ICLR), 2021.

- [34] Yunfei Li, Huazhe Xu, Yilin Wu, **Xiaolong Wang**, Yi Wu
Solving Compositional Reinforcement Learning Problems via Task Reduction
in International Conference on Learning Representations (ICLR), 2021.
- [33] Zhenggang Tang, Chao Yu, Boyuan Chen, Huazhe Xu, **Xiaolong Wang**, Fei Fang, Simon Shaolei Du, Yu Wang, Yi Wu
Discovering Diverse Multi-Agent Strategic Behavior via Reward Randomization
in International Conference on Learning Representations (ICLR), 2021.
- [32] Ruihan Yang, Huazhe Xu, Yi Wu, **Xiaolong Wang**
Multi-Task Reinforcement Learning with Soft Modularization
in Neural Information Processing Systems (NeurIPS), 2020.
- [31] Xueting Li, Sifei Liu, Shalini De Mello, Kihwan Kim, **Xiaolong Wang**, Ming-Hsuan Yang, Jan Kautz
Online Adaptation for Consistent Mesh Reconstruction in the Wild
in Neural Information Processing Systems (NeurIPS), 2020.
- [30] Jingwei Xu, Huazhe Xu, Bingbing Ni, Xiaokang Yang, **Xiaolong Wang**, Trevor Darrell
Hierarchical Style-based Networks for Motion Synthesis
in European Conference on Computer Vision (ECCV), 2020.
- [29] Yu Sun, **Xiaolong Wang**, Zhuang Liu, John Miller, Alexei A. Efros, Moritz Hardt
Test-Time Training with Self-Supervision for Generalization under Distribution Shifts
in International Conference on Machine Learning (ICML), 2020.
- [28] Haozhi Qi, Chong You, **Xiaolong Wang**, Yi Ma, Jitendra Malik.
Deep Isometric Learning for Visual Recognition
in International Conference on Machine Learning (ICML), 2020.
- [27] Joanna Materzynska, Tete Xiao, Roei Herzig, Huijuan Xu†, **Xiaolong Wang†**, Trevor Darrell†.
Something-Else: Compositional Action Recognition with Spatial-Temporal Interaction Networks
in Computer Vision and Pattern Recognition (CVPR), 2020.
- [26] Qian Long*, Zihan Zhou*, Abhinav Gupta, Fei Fang, Yi Wu†, **Xiaolong Wang†**
Evolutionary Population Curriculum for Scaling Multi-Agent Reinforcement Learning
in International Conference on Learning Representations (ICLR), 2020.
- [25] Xueting Li*, Sifei Liu*, Shalini De Mello, **Xiaolong Wang**, Jan Kautz, and Ming-Hsuan Yang
Joint-task Self-supervised Learning for Temporal Correspondence
in Neural Information Processing Systems (NeurIPS), 2019.
- [24] **Xiaolong Wang***, Allan Jabri* and Alexei A. Efros
Learning Correspondence from the Cycle-consistency of Time
in Computer Vision and Pattern Recognition (CVPR), 2019.
(**Oral Presentation**)
- [23] Xueting Li, Sifei Liu, Kihwan Kim, **Xiaolong Wang**, Ming-Hsuan Yang, and Jan Kautz
Putting Humans in a Scene: Learning Affordance in 3D Indoor Environments
in Computer Vision and Pattern Recognition (CVPR), 2019.
- [22] Wei Yang, **Xiaolong Wang**, Ali Farhadi, Abhinav Gupta, and Roozbeh Mottaghi
Visual Semantic Navigation using Scene Priors
in International Conference on Learning Representations (ICLR), 2019.
- [21] **Xiaolong Wang** and Abhinav Gupta

- [20] Tian Ye, **Xiaolong Wang**, James Davidson, and Abhinav Gupta
Interpretable Intuitive Physics Model
in European Conference on Computer Vision (ECCV), 2018.
- [19] **Xiaolong Wang**, Ross Girshick, Abhinav Gupta, and Kaiming He
Non-local Neural Networks
in Computer Vision and Pattern Recognition (CVPR), 2018.
- [18] **Xiaolong Wang***, Yufei Ye*, and Abhinav Gupta
Zero-shot Recognition via Semantic Embeddings and Knowledge Graphs
in Computer Vision and Pattern Recognition (CVPR), 2018.
- [17] Wei Yang, Wanli Ouyang, **Xiaolong Wang**, Jimmy Ren, Hongsheng Li, and Xiaogang Wang
3D Human Pose Estimation in the Wild by Adversarial Learning
in Computer Vision and Pattern Recognition (CVPR), 2018.
- [16] **Xiaolong Wang**, Kaiming He, and Abhinav Gupta
Transitive Invariance for Self-supervised Visual Representation Learning
in International Conference on Computer Vision (ICCV), 2017.
- [15] Yuan Yuan, Xiaodan Liang, **Xiaolong Wang**, Dit-Yan Yeung, and Abhinav Gupta
Temporal Dynamic Graph LSTM for Action-driven Video Object Detection
in International Conference on Computer Vision (ICCV), 2017.
- [14] **Xiaolong Wang***, Rohit Girdhar*, and Abhinav Gupta
Binge Watching: Scaling Affordance Learning from Sitcoms
in Computer Vision and Pattern Recognition (CVPR), 2017.
(**Spotlight Oral Presentation**)
- [13] **Xiaolong Wang**, Abhinav Shrivastava, and Abhinav Gupta
A-Fast-RCNN: Hard Positive Generation via Adversary for Object Detection
in Computer Vision and Pattern Recognition (CVPR), 2017.
- [12] **Xiaolong Wang** and Abhinav Gupta
Generative Image Modeling using Style and Structure Adversarial Networks
in European Conference on Computer Vision (ECCV), 2016.
- [11] Gunnar A. Sigurdsson, Gül Varol, **Xiaolong Wang**, Ivan Laptev, Ali Farhadi, and Abhinav Gupta
Hollywood in Homes: Crowdsourcing Data Collection for Activity Understanding
in European Conference on Computer Vision (ECCV), 2016.
- [10] **Xiaolong Wang**, Ali Farhadi, and Abhinav Gupta
Actions $\sim$ Transformations
in Computer Vision and Pattern Recognition (CVPR), 2016.
- [9] **Xiaolong Wang** and Abhinav Gupta
Unsupervised Learning of Visual Representations using Videos
in International Conference on Computer Vision (ICCV), 2015.
- [8] **Xiaolong Wang**, David F. Fouhey, and Abhinav Gupta
Designing Deep Networks for Surface Normal Estimation
in Computer Vision and Pattern Recognition (CVPR), 2015.
- [7] **Xiaolong Wang**, Liliang Zhang, Liang Lin, Zhujin Liang, and Wangmeng Zuo
Deep Joint Task Learning for Generic Object Extraction
in Neural Information Processing Systems (NIPS), 2014.
- [6] Keze Wang, **Xiaolong Wang**, and Liang Lin
Deep Structured Models for 3D Human Activity Recognition
in ACM International Conference on Multimedia (MM), 2014.
(**Full Paper, Oral Presentation**)

- [5] Zhujin Liang, **Xiaolong Wang**, Rui Huang, and Liang Lin
An Expressive Deep Model for Parsing Human Action from a Single Image
in IEEE International Conference on Multimedia and Expo (ICME), 2014.
(**Oral Presentation, Best Student Paper Award**)
- [4] **Xiaolong Wang**, Liang Lin, Lichao Huang, and Shuicheng Yan
Incorporating Structural Alternatives and Sharing into Hierarchy for Multiclass Object Recognition and Detection
in Computer Vision and Pattern Recognition (CVPR), 2013.
- [3] **Xiaolong Wang** and Liang Lin
Dynamical And-Or Graph Learning for Object Shape Modeling and Detection
in Neural Information Processing Systems (NIPS), 2012.
- [2] Liang Lin, **Xiaolong Wang**, Wei Yang, and Jian-Huang Lai
Learning Contour-Fragment-based Shape Model with And-Or Tree Representation
in Computer Vision and Pattern Recognition (CVPR), 2012.
- [1] Wei Yang, **Xiaolong Wang**, Liang Lin, Chengying Gao
Interactive CT image segmentation with online discriminative learning
in International Conference on Image Processing (ICIP), 2011.

Peer-Reviewed Journal Publications

- [4] Yuzhe Qin, Hao Su*, **Xiaolong Wang***
From One Hand to Multiple Hands: Imitation Learning for Dexterous Manipulation from Single-Camera Teleoperation
in Robotics and Automation Letters (RA-L), 2022.
- [3] Jianglong Ye, Yuntao Chen, Naiyan Wang, **Xiaolong Wang**
Online Adaptation for Implicit Object Tracking and Shape Reconstruction in the Wild
in Robotics and Automation Letters (RA-L), 2022.
- [2] Rishabh Jangir*, Nicklas Hansen*, Sambaran Ghosal, Mohit Jain, **Xiaolong Wang**
Look Closer: Bridging Egocentric and Third-Person Views with Transformers for Robotic Manipulation
in Robotics and Automation Letters (RA-L), 2022.
- [1] Liang Lin, **Xiaolong Wang**, Wei Yang, and JianHuang Lai
Discriminatively Trained And-Or Graph Models for Object Shape Detection
in Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 2015.

Talks

-
- *Generalizing Dexterous Manipulation by Learning from Humans*
ICLR 2022 Workshop on Generalizable Policy Learning in the Physical World Apr 2022
 - *Learning to Perceive Videos for Embodiment*
ICCV 2021 Tutorial on Large Scale Holistic Video Understanding Oct 2021
 - *Learning to Perceive Videos for Embodiment*
Invited Talk in CMU VASC Seminar Jul 2021
 - *Self-Supervised Representation Learning with Videos*
CVPR 2021 Large-scale Video Object Segmentation Challenge Workshop Jun 2021
 - *Generalization in Robot Learning with Self-Supervision*
Invited Talk in ASU Seminar on Frontier topics in Vision and/or Language Feb 2021
 - *Self-Supervised Learning for Perception and Action in Time*
Invited Talk in Nvidia Aug 2020
 - *Self-Supervised Learning for Correspondence and 3D Reconstruction in Time*

ECCV 2020 Workshop on 4D Vision	Aug 2020
◦ <i>Learning Long-term Visual Dynamics</i> CVPR 2020 Tutorial on Learning Representations via Graph-structured Networks	Jun 2020
◦ <i>Beyond Human Supervision: Learning with Self-Supervision and Self-Play</i> Invited Talk in Pixel Cafe, University of California San Diego	Sep 2019
◦ <i>Scaling Learning with Self-Supervision and Self-Play</i> BAIR/BDD Computer Vision Workshop, University of California, Berkeley	Sep 2019
◦ <i>Learning and Reasoning with Visual Correspondence in Time</i> University of California San Diego	Mar 2019
University of Illinois at Urbana-Champaign	Mar 2019
University of Massachusetts Amherst	Mar 2019
◦ <i>Exploiting Redundancy for Learning Visual Representations</i> Invited Talk in University of California, Los Angeles	Oct 2018
◦ <i>Looking into Recognition in the Deep Era</i> Computer Vision Seminar, University of California, Berkeley	Oct 2018
◦ <i>Adversaries for Detection and Action</i> CVPR 2018 Tutorial on GANs	Jun 2018
◦ <i>Videos as Space-Time Region Graphs</i> CVPR 2018 Workshop on Fine-grained Instructional Video underERstanding (FIVER)	Jun 2018
◦ <i>Exploiting Redundancy for Learning Visual Representations</i> Invited Talk in University of California, Berkeley	May 2018
Invited Talk in The Jiangmen	May 2018
PhD Thesis Proposal, Carnegie Mellon University	Feb 2018
◦ <i>Non-local Neural Networks</i> Grad Fellow FastForward, NVIDIA's GPU Technology Conference (GTC)	Mar 2018
◦ <i>Learning Visual Representations for Object Detection</i> AI Seminar sponsored by Apple	Oct 2017
◦ <i>Binge Watching: Scaling Affordance Learning from Sitcoms</i> Spotlight Presentation, CVPR	Jul 2017
◦ <i>Actions ~ Transformations</i> Allen Institute for Artificial Intelligence (AI2)	Aug 2016
◦ <i>Unsupervised Learning of Visual Representations using Videos</i> PhD Speaking Qualifier, Carnegie Mellon University	Apr 2016
◦ <i>Designing Deep Networks for Surface Normal Estimation</i> Mid-Atlantic Computer Vision (MACV) Workshop	Mar 2015

Academic Services

Teaching

- Intro to Visual Learning (UCSD ECE 285)
- Deep Learning and Application (UCSD ECE 175)

Area Chair

- European Conference on Computer Vision (ECCV)
- International Conference on Computer Vision (ICCV)
- Computer Vision and Pattern Recognition (CVPR)

Tutorial and Workshop

Organizer of the Workshop on Generalizable Policy Learning in the Physical World in ICLR 2022
Organizer of the 3rd Tutorial on Learning Representations via Graph-structured Networks in CVPR 2021
Organizer of the Comprehensive Tutorial on Video Modeling in CVPR 2021
Organizer of the Workshop on Sensing, Understanding and Synthesizing Humans in ECCV 2020
Organizer of the 2nd Tutorial on Learning Representations via Graph-structured Networks in CVPR 2020.
Organizer of the Tutorial on Learning Representations via Graph-structured Networks in CVPR 2019.
Organizer of the Workshop on Multi-Modal Learning from Videos in CVPR 2019.

Journal Reviewer

IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
International Journal of Computer Vision (IJCV)
IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)
IEEE Transactions on Neural Networks and Learning Systems (TNNLS)

Conference Reviewer

Computer Vision and Pattern Recognition (CVPR)
European Conference on Computer Vision (ECCV)
International Conference on Computer Vision (ICCV)
International Conference on Robotics and Automation (ICRA)
Conference on Robot Learning (CoRL)