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RESEARCH INTERESTS	<ul style="list-style-type: none"> <li>• Computer Vision &amp; Deep Learning</li> <li>• Video Segmentation, Video Understanding, Video Editing</li> </ul>	
EMPLOYMENT HISTORY	<p><b>Adobe Research</b>, San Jose, CA</p> <p><i>Senior Research Scientist 2</i>, Deep Learning Group, Creative Intelligence Lab Feb 2022 – present</p> <p><i>Senior Research Scientist</i>, Deep Learning Group, Creative Intelligence Lab Jul 2019 – Feb 2022</p> <p><i>Research Scientist 2</i>, Deep Learning Group, Creative Intelligence Lab Jun 2017 – Jun 2019</p> <p><i>Research Scientist</i>, Deep Learning Group, Creative Intelligence Lab Oct 2015 – Jun 2017</p> <p><i>Research Intern</i>, Imagination Lab Mar 2015 – Apr 2015</p> <p><i>Research Intern</i>, Imagination Lab Jun 2014 – Sep 2014</p> <p><b>Microsoft Research Asia</b>, Beijing, China</p> <p><i>Research Intern</i>, Visual Computing Group Sep 2010 – Aug 2011</p>	
EDUCATION	<p><b>Ph.D.</b>, Electrical Engineering, KAIST, Daejeon, Korea Aug 2015 <i>Dissertation: Photometric Approaches for Image Enhancement and Editing</i> <i>Advisors: Prof. In So Kweon</i></p> <p><b>M.S.</b>, Electrical Engineering, KAIST, Daejeon, Korea Aug 2009 <i>Advisors: Prof. In So Kweon</i></p> <p><b>B.S.</b>, Electronic Engineering, Yonsei University, Seoul, Korea Feb 2008 <i>High Honors at Graduation (GPA: 4.02/4.3)</i></p>	
PUBLICATIONS [GOOGLE SCHOLAR]	<ol style="list-style-type: none"> <li>1. Hongje Seong, Seoung Wug Oh, Brian Price, Euntai Kim, Joon-Young Lee, “One-Trimap Video Matting”, <i>In Proc. of European Conference on Computer Vision (ECCV)</i>, 2022</li> <li>2. Sanghyun Woo, Kwanyong Park, Seoung Wug Oh, In So Kweon, Joon-Young Lee, “Bridging Images and Videos: A Simple Learning Framework for Large Vocabulary Video Object Detection”, <i>In Proc. of European Conference on Computer Vision (ECCV)</i>, 2022</li> <li>3. Sanghyun Woo, Kwanyong Park, Seoung Wug Oh, In So Kweon, Joon-Young Lee, “Tracking by Associating Clips”, <i>In Proc. of European Conference on Computer Vision (ECCV)</i>, 2022</li> <li>4. Dawit Mureja Argaw, Fabian Caba, Joon-Young Lee, Markus Woodson, In So Kweon, “The Anatomy of Video Editing: A Dataset and Benchmark Suite for AI-Assisted Video Editing”, <i>In Proc. of European Conference on Computer Vision (ECCV)</i>, 2022</li> <li>5. Dahun Kim, Sanghyun Woo, Joon-Young Lee, In So Kweon, “Dense Pixel-level Interpretation of Dynamic Scenes with Video Panoptic Segmentation”, <i>IEEE Transactions on Image Processing (TIP)</i>, 2022</li> <li>6. Kwanyong Park, Sanghyun Woo, Seoung Wug Oh, In So Kweon, Joon-Young Lee, “Per-Clip Video Object Segmentation”, <i>In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i>, 2022</li> <li>7. Seonguk Seo, Joon-Young Lee, Bohyung Han, “Unsupervised Learning of De-biased Representation with Pseudo-bias Attribute”, <i>In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)</i>, 2022</li> <li>8. Miran Heo, Sukjun Hwang, Seoung Wug Oh, Joon-Young Lee, Seon Joo Kim, “Integrating Pose and Mask Predictions for Multi-person in Videos”, <i>CVPR 2022 Workshop on Efficient Deep Learning for Computer Vision (CVPRW-ECV)</i>, 2022</li> </ol>	
(* INDICATES EQUAL CONTRIBUTION)		

9. Seonguk Seo, Joon-Young Lee, Bohyung Han, “Information-Theoretic Bias Reduction from the Causal View of Spurious Correlation”, *In Proc. of AAAI Conference on Artificial Intelligence (AAAI)*, 2022
10. Hae-Gon Jeon, Sunghoon Im, Jaesung Choe, Minjun Kang, Joon-Young Lee, Martial Hebert, “CMSNet: Deep Color and Monochrome Stereo”, *International Journal of Computer Vision (IJCV)*, 2022
11. Sanghyun Woo, Dahun Kim, Joon-Young Lee, In So Kweon, “Global Context and Geometric Priors for Effective Non-Local Self-Attention”, *In Proc. of British Machine Vision Conference (BMVC)*, 2021
12. Adrit Rao, Jongchan Park, Sanghyun Woo, Joon-Young Lee, Oliver Aalami, “Studying the Effects of Self-Attention for Medical Image Analysis”, *ICCV 2021 Workshop on Computer Vision for Automated Medical Diagnosis (ICCVW-CVAMD)*, 2021
13. Hongje Seong, Seoung Wug Oh, Joon-Young Lee, Seongwon Lee, Suhyeon Lee, Euntai Kim, “Hierarchical Memory Matching Network for Video Object Segmentation”, *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2021
14. Juan Carlos Leon, Fabian Caba Heilbron, Long Mai, Federico Perazzi, Joon-Young Lee, Pablo Arbelaez, Bernard Ghanem, “APES: Audiovisual Person Search in Untrimmed Video”, *Multimodal Learning and Applications Workshop in conjunction with CVPR 2021 (CVPRW-MULA)*, 2021
15. Sanghyun Woo, Dahun Kim, Joon-Young Lee, In So Kweon, “Learning to Associate Every Segment for Video Panoptic Segmentation”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021
16. Jaedong Hwang, Seoung Wug Oh, Joon-Young Lee, Bohyung Han, “Exemplar-Based Open-Set Panoptic Segmentation Network”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021
17. Gunhee Nam, Miran Heo, Seoung Wug Oh, Joon-Young Lee, Seon Joo Kim, “Polygonal Point Set Tracking”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021
18. Seoung Wug Oh, Joon-Young Lee, Ning Xu, Seon Joo Kim, “Space-time Memory Networks for Video Object Segmentation with User Guidance”, *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 2020
19. Seonguk Seo, Joon-Young Lee, Bohyung Han, “URVOS: Unified Referring Video Object Segmentation Network with a Large-Scale Benchmark”, *In Proc. of European Conference on Computer Vision (ECCV)*, 2020
20. Shubham Agarwal, Trung Bui, Joon-Young Lee, Ioannis Konostas, Verena Rieser, “History for Visual Dialog: Do we really need it?”, *In Proc. of Annual Meeting of the Association for Computational Linguistics (ACL)*, 2020
21. Dahun Kim, Sanghyun Woo, Joon-Young Lee, In So Kweon, “Video Panoptic Segmentation”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020
22. Juan Leon, Fabian Caba, Long Mai, Federico Perazzi, Joon-Young Lee, Pablo Arbelaez, Bernard Ghanem, “Active Speakers in Context”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020
23. Zijun Wei, Jianming Zhang, Zhe Lin, Joon-Young Lee, Niranjan Balasubramanian, Minh Hoai Nguyen, Dimitris Samaras, “Learning Visual Emotion Representations from Web Data”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020
24. Jongchan Park\*, Sanghyun Woo\*, Joon-Young Lee, In-So Kweon, “A Simple and Light-weight Attention Module for Convolutional Neural Networks”, *International Journal of Computer Vision (IJCV)*, 2020

25. Dahun Kim\*, Sanghyun Woo\*, Joon-Young Lee, In So Kweon, "Recurrent Temporal Aggregation Framework for Deep Video Inpainting", *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 2020
26. Seoung Wug Oh, Joon-Young Lee, Ning Xu, Seon Joo Kim, "Video Object Segmentation using Space-Time Memory Networks", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2019 (**Oral**)
27. Seoung Wug Oh, Sungho Lee, Joon-Young Lee, Seon Joo Kim, "Onion-Peel Networks for Deep Video Completion", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2019
28. Xin Ye, Zhe Lin, Joon-Young Lee, Jianming Zhang, Shibin Zheng, Yezhou Yang, "GAPLE: Generalizable Approaching Policy LEarning for Robotic Object Searching in Indoor Environment", *IEEE Robotics and Automation Letters (RA-L, Proc. of IROS)*, 2019
29. Xingyu Liu, Joon-Young Lee, Hailin Jin, "Learning Video Representations from Correspondence Proposals", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019 (**Oral**)
30. Seoung Wug Oh, Joon-Young Lee, Ning Xu, Seon Joo Kim, "Fast User-Guided Video Object Segmentation by Interaction-and-Propagation Networks", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019
31. Dahun Kim\*, Sanghyun Woo\*, Joon-Young Lee, In So Kweon, "Deep Video Inpainting", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019
32. Dahun Kim\*, Sanghyun Woo\*, Joon-Young Lee, In So Kweon, "Deep Blind Video Decaptioning by Temporal Aggregation and Recurrence", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2019
33. Jiyoung Jung, Joon-Young Lee, In So Kweon, "One-Day Outdoor Photometric Stereo Using Skylight Estimation", *International Journal of Computer Vision (IJCV)*, 2019
34. Youngbae Hwang, Joon-Young Lee, In So Kweon, and Seon Joo Kim, "Probabilistic Moving Least Squares with Spatial Constraints for Nonlinear Color Transfer Between Images", *Computer Vision and Image Understanding (CVIU)*, 2019
35. Sanghyun Woo\*, Jongchan Park\*, Joon-Young Lee, In So Kweon, "CBAM: Convolutional Block Attention Module", *In Proc. of European Conference on Computer Vision (ECCV)*, 2018
36. Fabian Caba, Joon-Young Lee, Hailin Jin, Bernard Ghanem, "What do I Annotate Next? An Empirical Study of Active Learning for Action Localization", *In Proc. of European Conference on Computer Vision (ECCV)*, 2018
37. Rameswar Panda, Jianming Zhang, Haoxiang Li, Joon-Young Lee, Xin Lu, Amit K. Roy-Chowdhury, "Contemplating Visual Emotions: Understanding and Overcoming Dataset Bias", *In Proc. of European Conference on Computer Vision (ECCV)*, 2018
38. Wei-Chih Hung, Jianming Zhang, Xiaohui Shen, Zhe Lin, Joon-Young Lee, Ming-Hsuan Yang, "Learning to Blend Photos", *In Proc. of European Conference on Computer Vision (ECCV)*, 2018
39. Inwook Shim, Tae-Hyun Oh, Joon-Young Lee, Dong-Geol Choi, Jinwook Choi, and In So Kweon, "Gradient-based Camera Exposure Control for Outdoor Mobile Platforms", *IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)*, 2018
40. Jongchan Park\*, Sanghyun Woo\*, Joon-Young Lee, In So Kweon, "BAM: Bottleneck Attention Module", *In Proc. of British Machine Vision Conference (BMVC)*, 2018 (**Oral**)
41. Seoung Wug Oh, Joon-Young Lee, Kalyan Sunkavalli, Seon Joo Kim, "Fast Video Object Segmentation by Reference-Guided Mask Propagation", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018 (**Spotlight**)

42. Jongchan Park, Joon-Young Lee, Donggeun Yoo, In So Kweon, "Distort-and-Recover: Color Enhancement using Deep Reinforcement Learning", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018
43. Gyeongmin Choe, Seong-Heum Kim, Sunghoon Im, Joon-Young Lee, Srinivasa Narasimhan, and In So Kweon. "RANUS: RGB and NIR Urban Scene Dataset for Deep Scene Parsing", *IEEE Robotics and Automation Letters (RA-L)*, 2018
44. Zhuo Hui, Kalyan Sunkavalli, Joon-Young Lee, Sunil Hadap, Jian Wang, Aswin C. Sankaranarayanan, "Reflectance Capture using Univariate Sampling of BRDFs", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2017
45. Xuaner Zhang, Joon-Young Lee, Kalyan Sunkavalli, and Zhaowen Wang, "Photometric Stabilization for Fast-forward Videos", *Computer Graphics Forum (CGF, Proc of Pacific Graphics)*, Volume 36, Number 7, Pages 105-113, 2017
46. Yinda Zhang\*, Shuran Song\*, Ersin Yumer, Manolis Savva, Joon-Young Lee, Hailin Jin, Thomas Funkhouser, "Physically-Based Rendering for Indoor Scene Understanding Using Convolutional Neural Networks", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2017
47. Hao Hu, Zhaowen Wang, Joon-Young Lee, Zhe Lin, Guo-Jun Qi, "Temporal Domain Neural Encoder for Video Representation Learning", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*, 2017
48. Jinwoong Jung, Beomseok Kim, Joon-Young Lee, Byungmoon Kim, Seungyong Lee, "Robust Upright Adjustment of 360 Spherical Panoramas", *The Visual Computer Journal (TVCJ, Proc. Computer Graphics International)*, 2017
49. Jinwoong Jung, Joon-Young Lee, Byungmoon Kim, and Seungyong Lee, "Upright Adjustment of 360 Spherical Panoramas", *IEEE Virtual Reality (VR)* (Poster), 2017
50. Hae-Gon Jeon, Joon-Young Lee, Yudeog Han, Seon Joo Kim, and In So Kweon, "Generating Fluttering Pattern with Low Autocorrelation for Coded Exposure Imaging", *International Journal of Computer Vision (IJCV)*, 2017
51. Youngjin Yoon, Hae-Gon Jeon, Donggeun Yoo, Joon-Young Lee, and In So Kweon, "Light Field Image Super-Resolution using Convolutional Neural Network", *IEEE Signal Processing Letters (SLP)*, 2017
52. Hae-Gon Jeon, Joon-Young Lee, Yudeog Han, Seon Joo Kim, and In So Kweon, "Multi-Image Deblurring using Complementary Sets of Fluttering Patterns", *IEEE Transactions on Image Processing (TIP)*, 2017
53. Seong-Heum Kim, Yu-Wing Tai, Joon-Young Lee, Jaesik Park, and In So Kweon, "Category-specific Salient View Selection via Deep Convolutional Neural Networks", *Computer Graphics Forum (CGF)*, 2017
54. Youngjin Yoon, Gyeongmin Choe, Namil Kim, Joon-Young Lee, and In So Kweon, "Fine-scale Surface Normal Estimation using a Single NIR Image", *In Proc. of European Conference on Computer Vision (ECCV)*, 2016
55. Joon-Young Lee, Kalyan Sunkavalli, Zhe Lin, Xiaohui Shen, and In So Kweon, "Automatic Content-Aware Color and Tone Stylization", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2016 (**Spotlight**)
56. Hae-Gon Jeon, Joon-Young Lee, Sunghoon Im, Hyowon Ha, and In So Kweon, "Stereo Matching with Color and Monochrome Cameras in Low-light Conditions", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2016
57. Inwook Shim, Seunghak Shin, Yunsu Bok, Kyungdon Joo, Dong-Geol Choi, Joon-Young Lee, Jaesik Park, Jun-Ho Oh, and In So Kweon, "Vision System and Depth Processing for DRC-HUBO+", *In Proc. of IEEE International Conference on Robotics and Automation (ICRA)*, 2016

58. Donggeun Yoo, Sunggyun Park, Joon-Young Lee, Anthony Paek, and In So Kweon, "AttentionNet: Aggregating Weak Directions for Accurate Object Detection", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2015
59. Hae-Gon Jeon, Joon-Young Lee, Yudeog Han, Seon Joo Kim, and In So Kweon, "Complementary Sets of Shutter Sequences for Motion Deblurring", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2015
60. Youngjin Yoon, Hae-Gon Jeon, Donggeun Yoo, Joon-Young Lee, and In So Kweon, "Learning a Deep Convolutional Network for Light-Field Image Super-Resolution", *In Proc. of IEEE International Conference on Computer Vision Workshops (ICCVW)*, 2015
61. Jiyoung Jung, Joon-Young Lee, Yekeun Jeong, and In So Kweon, "Time-of-flight sensor calibration for a color and depth camera pair", *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 2015
62. Tae-Hyun Oh, Joon-Young Lee, Yu-Wing Tai, and In So Kweon, "Robust High Dynamic Range Imaging by Rank Minimization", *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 2015
63. Jiyoung Jung, Joon-Young Lee, and In So Kweon, "One-day outdoor photometric stereo via skylight estimation", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2015 (**Oral**)
64. Donggeun Yoo, Sunggyun Park, Joon-Young Lee, and In So Kweon, "Multi-scale Pyramid Pooling for Deep Convolutional Representation", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*, 2015
65. Kibaek Park, Seunghak Shin, Hae-Gon Jeon, Joon-Young Lee, and In So Kweon, "Motion Deblurring using Coded Exposure for a Wheeled Mobile Robot", *In Proc. of International Conference on Ubiquitous Robots and Ambient Intelligence (URAI)*, 2014
66. Yukyung Choi, Chaehoon Park, Joon-Young Lee, and In So Kweon, "Robust Binary Feature using the Intensity Order", *In Proc. of Asian Conference on Computer Vision (ACCV)*, 2014
67. Inwook Shim, Joon-Young Lee, and In So Kweon, "Auto-adjusting Camera Exposure for Outdoor Robotics using Gradient Information", *In Proc. of IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2014
68. Youngbae Hwang\*, Joon-Young Lee\*, In So Kweon, and Seon Joo Kim, "Color Transfer using Probabilistic Moving Least Squares", *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2014
69. Jiyoung Jung, Joon-Young Lee, and In So Kweon, "Noise aware depth denoising for a time-of-flight camera", *In Proc. of Korea-Japan Joint Workshop on Frontiers of Computer Vision (FCV)*, 2014
70. Yudeog Han, Joon-Young Lee, and In So Kweon, "High Quality Shape from a Single RGB-D Image under Uncalibrated Natural Illumination", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2013
71. Hae-Gon Jeon, Joon-Young Lee, Yudeog Han, Seon Joo Kim, and In So Kweon, "Fluttering Pattern Generation using Modified Legendre Sequence for Coded Exposure Imaging", *In Proc. of IEEE International Conference on Computer Vision (ICCV)*, 2013
72. Joon-Young Lee, Jiyoung Jung, Yunsu Bok, Jaesik Park, Dong-Geol Choi, Yudeog Han, and In So Kweon, "Robust Computer Vision Techniques for High-quality 3D Modeling", *In Proc. of IAPR Asian Conference on Pattern Recognition (ACPR)*, 2013
73. Tae-Hyun Oh, Joon-Young Lee, and In So Kweon, "High Dynamic Range Imaging by a Rank-1 Constraint", *In Proc. of IEEE International Conference on Image Processing (ICIP)*, 2013
74. Joon-Young Lee, Yasuyuki Matsushita, Boxin Shi, In So Kweon, and Katsushi Ikeuchi, "Radiometric Calibration by Rank Minimization", *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, 2013

75. Tae-Hyun Oh, Joon-Young Lee, and In So Kweon, “Real-Time Motion Detection based on Discrete Cosine Transform”, *In Proc. of IEEE International Conference on Image Processing (ICIP)*, 2012
76. Jaesik Park, Joon-Young Lee, Yu-Wing Tai, and In So Kweon, “Modeling Photo Composition and Its Application to Photo Re-arrangement”, *In Proc. of IEEE International Conference on Image Processing (ICIP)*, 2012
77. Joon-Young Lee, Boxin Shi, Yasuyuki Matsushita, In So Kweon, and Katsushi Ikeuchi, “Radiometric Calibration by Transform Invariant Low-rank Structure”, *In Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2011
78. Jiyoung Jung, Yekeun Jeong, Joon-Young Lee, Hanbyul Joo, and In So Kweon, “View-invariant Planar Object Detection for VisTRO”, *In Proc. of International Conference on Ubiquitous Robots and Ambient Intelligence (URAI)*, 2010
79. Jiyoung Jung, Yekeun Jeong, Joon-Young Lee, and In So Kweon, “Image Warping for View-invariant Object Matching using Stereo Camera”, *In Proc. of Korea-Japan Joint Workshop on Frontiers of Computer Vision (FCV)*, 2010

#### HONORS & AWARDS

- 3rd (VIS track) in Large-scale Video Object Segmentation Challenge Jun 2022
- 2021 Tech Excellence Award, Adobe Jun 2021
- Outstanding Reviewer in CVPR 2021 Jun 2021
- 1st (interactive track) / 4th (semi-supervised track) in the DAVIS Challenge Jun 2019
- GTC 2019 Top Poster Award Mar 2019
- Adobe MAX 2018 Sneak Demo [\[video link\]](#) Oct 2018
- 1st Place Award in ChalearnLAP Inpainting Challenge Track 2 – video decapting Sep 2018
- 1st Place Award in The Interactive DAVIS Challenge Jun 2018
- Best poster award, The 9th International Workshop on Robust Computer Vision Dec 2014
- Research Highlights of the year (2013), KAIST Mar 2014
- Qualcomm Innovation Award Sep 2013
- Research Highlights of the year (2012), KAIST Mar 2013
- Silver prize, 19th HumanTech Paper Award, Samsung Electronics Co., Ltd. Feb 2013
- Excellent intern award, Microsoft Research Asia Aug 2011
- High Honors at Graduation, Yonsei University Feb 2008
- Full scholarship, Jeongsu Scholarship Foundation Mar 2006 – Feb 2008
- Full scholarship, Yonsei University Mar 2005 – Feb 2006

#### MEMBERSHIP & SERVICE

##### Area Chair

- The British Machine Vision Conference (BMVC), 2022
- The British Machine Vision Conference (BMVC), 2021
- European Conference on Computer Vision (ECCV), 2020
- IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2020
- International Conference on Computer Vision (ICCV), 2019

##### Organizer

- Large-scale Video Object Segmentation Challenge Workshop in conjunction with CVPR 2022
- Large-scale Video Object Segmentation Challenge Workshop in conjunction with CVPR 2021

##### Reviewer

- Conference: CVPR (2016–), ICCV (2015–), ECCV (2016–), SIGGRAPH (2018), SIGGRAPH ASIA (2018), 3DV (2015, 2016), ACCV (2016), PG (2015), WACV (2015, 2016), ICRA (2017, 2019), IROS (2016)
- Journal: TPAMI, IJCV, TIP, CVIU

IEEE student member (2010–2015), IEEE member (2016–Present)