Guangyi Chen

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⌂ chengy12.github.io

Education

Department of Automation, Tsinghua University Beijing, China
2016-present

PhD student in Computer Vision

Advisor: Prof. Jie Zhou

Assistant Advisor: Prof. Jiwen Lu

Department of Automation, Tsinghua University Beijing, China
2012-2016

B.E. in Automation

Publications

* indicates equal contribution

Peer-Reviewed Conference Publications

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

[2] **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

[3] **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

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

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

[6] **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

Peer-Reviewed Journal Publications

[7] **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: 9.34*), 2020

[8] **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: 9.34*), 2019

Competition Awards

○ 2nd place in Semi-Supervised Recognition Challenge at FGVC7 *2020*

Academic Services

Co-Organizer

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

Journal Reviewer

- IEEE Transactions on Image Processing
- IEEE Transactions on Multimedia
- IEEE Transactions on Circuits and Systems for Video Technology
- IEEE Access
- Pattern Recognition
- Journal of Visual Communication and Image Representation

Conference Reviewer

- IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2020,2021)
- International Conference on Machine Learning (ICML 2021)
- Neural Information Processing Systems (NeurIPS 2020)
- European Conference on Computer Vision (ECCV 2020)
- IEEE International Conference on Multimedia and Expo (ICME 2018, 2019, 2020)
- IEEE Winter Conference on Applications of Computer Vision (WACV 2020, 2021)
- International Conference on Pattern Recognition (ICPR 2018, 2019,2020)
- IEEE International Conference on Image Processing (ICIP 2018, 2019,2020)