

Dongliang Chang

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EDUCATION

Beijing University of Posts and Telecommunications (BUPT), Beijing, China

- Ph.D. in Information and Communication Engineering Sep 2019 –
 - Adviser: Prof. Zhanyu Ma and Prof. Yi-Zhe Song
 - Focus: Fine-Grained Image classification, Deep Learning.
- Visiting Student Apr 2017 – Sep 2019
 - Adviser: Prof. Zhanyu Ma

University of Surrey, London, United Kingdom

- Visiting Ph.D Student Feb 2022 – Mar 2023
 - Adviser: Prof. Yi-Zhe Song

Lanzhou University of Technology (LUT), Lanzhou, China

- M.E. in IOT Engineering Sep 2016 – Jun 2019
 - Adviser: Prof. Xiaoxu Li

Zhoukou Normal University (ZKNU), Zhoukou, China

- B.E. in Network Engineering Sep 2012 – Jun 2016
 - Adviser: Qi Wang

PUBLICATIONS

HIGHLIGHTS

- [2] Dongliang Chang, Kaiyu Pang, Yixiao Zheng, Zhanyu Ma*, Yi-Zhe Song, Jun Guo, “Your “Flamingo” is My “Bird”: Fine-Grained, or Not,” in *Computer Vision and Pattern Recognition (CVPR), Oral(4.1%)*, 2021.
- [1] Dongliang Chang, Yifeng Ding, Jiyang Xie, Ayan Kumar Bhunia, Xiaoxu Li, Zhanyu Ma*, Ming Wu, Jun Guo, and Yi-Zhe Song, “The Devil is in the Channels: Mutual-Channel Loss for Fine-Grained Image Classification,” *IEEE Transactions on Image Processing*, vol. 29, pp. 19572–19578, 2020.

SELECTED PUBLICATIONS

- [7] Ruoyi Du, Jiyang Xie, Zhanyu Ma*, Dongliang Chang, Yi-Zhe Song, and Jun Guo, “Progressive Learning of Category-Consistent Multi-Granularity Features for Fine-Grained Visual Classification,” *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2021.
- [6] Jiyang Xie, Zhanyu Ma*, Dongliang Chang, Guoqiang Zhang, and Jun Guo, “GPCA: A Probabilistic Framework for Gaussian Process Embedded Channel Attention,” *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 2021.
- [5] Dongliang Chang, Kaiyu Pang, Yixiao Zheng, Zhanyu Ma*, Yi-Zhe Song, Jun Guo, “Your “Flamingo” is My “Bird”: Fine-Grained, or Not,” in *Computer Vision and Pattern Recognition (CVPR), Oral*, 2021.
- [4] Yifeng Ding, Zhanyu Ma*, Shaoguo Wen, Jiyang Xie, Dongliang Chang, Zhongwei Si, Ming Wu, and Haibin Ling, “AP-CNN: Weakly Supervised Attention Pyramid Convolutional Neural Network for Fine-Grained Visual Classification,” *IEEE Transactions on Image Processing*, 2021.
- [3] Ruoyi Du, Dongliang Chang, Ayan Kumar Bhunia, Jiyang Xie, Yi-Zhe Song, Zhanyu Ma*, Jun Guo, “Fine-Grained Visual Classification via Progressive Multi-Granularity Training of Jigsaw Patches,” in *European Conference on Computer Vision (ECCV)*, 2020.
- [2] Xiaoxu Li, Dongliang Chang, Zhanyu Ma*, Zheng-Hua Tan, Jing-Hao Xue, Jie Cao, Jingyi Yu, Jun Guo, “OSLNet: Deep Small-Sample Classification with an Orthogonal Softmax Layer,” *IEEE Transactions on Image Processing*, vol. 29, pp. 6482–6495, 2020.
- [1] Dongliang Chang, Yifeng Ding, Jiyang Xie, Ayan Kumar Bhunia, Xiaoxu Li, Zhanyu Ma*, Ming Wu, Jun Guo, and Yi-Zhe Song, “The Devil is in the Channels: Mutual-Channel Loss for Fine-Grained Image Classification,” *IEEE Transactions on Image Processing*, vol. 29, pp. 19572–19578, 2020.

AWARDS & SCHOLARSHIPS

- BUPT Excellent Ph.D. Students Reserve Scholarship (Rate = 32/342 = 9%) 2019
- BUPT Excellent Ph.D. Students Foundation (Rate = 21/342 = 6%) 2020

- China Scholarship Council Scholarship 2020
- Excellent PhD student of Beijing Association of Automation 2020

SERVICISS

Reviewer:

IEEE Transactions on Image Processing 2020-
IEEE Transactions on Neural Networks and Learning Systems 2020-
IEEE Transactions on Vehicular Technology 2019-
IEEE Transactions on Circuits and Systems for Video Technology 2020-
IEEE ACCESS 2021-
NEUROCOMPUTING 2020-
Multimedia Systems 2020-
Scientia Iranica 2021-
Connection Science 2022-
ICCV 2021-
ECCV 2022-
AAAI 2020-
ICPR 2020-
APSIPA 2020-
ICASSP 2022-
MLSP 2022-

[CV compiled on 2022-08-01]