

YE, Mang (叶茫)

Homepage: <https://www.comp.hkbu.edu.hk/~mangye/>

PhD Student

Phone: +852 96024385 / +86 13407183450

Email: mangye@comp.hkbu.edu.hk

Address: RRS 735, Department of Computer Science, Hong Kong Baptist University, Kowloon Tong, Hong Kong

❖ Education

PhD	Department of Computer Science,	Hong Kong Baptist University	2016-now
M.S.	School of Computer Science,	Wuhan University,	2013-2016
B.S.	School of Electronic Information,	Wuhan University,	2009-2013

❖ Research Experience

- **Hong Kong Baptist University Kowloon, Hong Kong** Sep. 2016– Sep. 2019
Ph.D student Supervisor: Prof. Pong C. Yuen
- Unsupervised, semi-supervised learning and cross-modality matching for pedestrian retrieval.
 - **Columbia University, USA** July. 2018– December. 2018
Visiting Scholar Supervisor: Prof. Shih-Fu Chang
- Unsupervised feature/embedding learning for image classification and retrieval.
 - **Wuhan University, NERCMS** July. 2013– June. 2016
Master student Supervisor: Prof. Ruimin Hu and Dr. Chao Liang,
- Ranking optimization, cross-modality and instance search in large scale video applications.
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❖ Publications [[Google Scholar](#)] [[DBLP](#)]

1. **Mang Ye**, Xu Zhang, Pong C. Yuen, Shih-Fu Chang. "Unsupervised Embedding Learning via Invariant and Spreading Instance Feature". International Conference on Computer Vision and Pattern Recognition (CVPR), 2019.
2. **Mang Ye**, Jiawei Li, Andy J. Ma, Liang Zheng, Pong C. Yuen. "Dynamic Graph Co-Matching for Unsupervised Video-based Person Re-Identification". IEEE Transactions on Image Processing (TIP), 2019.
3. **Mang Ye**, Xiangyuan Lan, Pong C. Yuen. "Robust Anchor Embedding for Unsupervised Video Person Re-Identification in the Wild". European Conference on Computer Vision (ECCV), 2018.
4. **Mang Ye**, Zheng Wang, Xiangyuan Lan, Pong C. Yuen. "Visible Thermal Person Re-Identification via Dual-Constrained Top-Ranking". International Joint Conference on Artificial Intelligence (IJCAI), 2018.
5. **Mang Ye**, Xiangyuan Lan, Jiawei Li, Pong C. Yuen. "Hierarchical Discriminative Learning for Visible Thermal Person Re-Identification". Thirty-Second AAAI Conference on Artificial Intelligence (AAAI), 2018.
6. **Mang Ye**, Andy J Ma, Liang Zheng, Jiawei Li, Pong C. Yuen. "Dynamic Label Graph Matching for Unsupervised Video Re-Identification". International Conference on Computer Vision (ICCV), 2017.
7. **Mang Ye**, Chao Liang, Yi Yu, Zheng Wang, et al. "Person Re-identification via Ranking Aggregation of Similarity Pulling and Dissimilarity Pushing". IEEE Transactions on Multimedia (TMM), 2016.
8. **Mang Ye**, Chao Liang, Zheng Wang, et al. "Ranking Optimization for Person Re-identification via Similarity and Dissimilarity". ACM Multimedia (ACM MM), 2015.
9. **Mang Ye**, Chao Liang, Zheng Wang, et al. "Specific Person Retrieval via Incomplete Text Description". ACM International conference on Multimedia Retrieval (ICMR), 2015.
10. **Mang Ye**, Jun Chen, Qingming Leng, et al. "Coupled-View Based Ranking Optimization for Person Re-identification". International conference on Multimedia Modeling (MMM), 2015. **Oral**.
11. Qingming Leng*, **Mang Ye***, Qi Tian. "A Survey of Open-World Person Re-identification". IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2019. (Co-first Author)
12. Xiangyuan Lan, **Mang Ye***, Shengping Zhang, Huiyu Zhou, Pong C. Yuen. "Modality-correlation-aware sparse representation for RGB-infrared object tracking". Pattern Recognition Letters (PRL), 2018.

13. Xiangyuan Lan, **Mang Ye**, Rui Shao, Bineng Zhong, Pong C. Yuen, Huiyu Zhou. "Learning Modality-Consistency Feature Templates: A Robust RGB-Infrared Tracking System". IEEE Transactions on Industrial Electronics (TIE), 2019.
14. Zheng Wang, **Mang Ye**, Fan Yang, et al. "Cascaded SR-GAN for Scale-Adaptive Low Resolution Person Re-identification". International Joint Conference on Artificial Intelligence (IJCAI), 2018.
15. Xiangyuan Lan, **Mang Ye**, Shengping Zhang, Pong C. Yuen. "Robust Collaborative Discriminative Learning for RGB-Infrared Tracking". Thirty-Second AAAI Conference on Artificial Intelligence (AAAI), 2018.
16. Zheng Wang, Xiang Bai, **Mang Ye**, Shin'ichi Satoh, Incremental Deep Hidden Attribute Learning. ACM Multimedia (ACM MM), 2018.
17. Zheng Wang, Ruimin Hu, Chao Liang, Yi Yu, Junjun Jiang, **Mang Ye**, et al. Zero-Shot Person Re-identification via Cross-View Consistency. IEEE Transactions on Multimedia (TMM), 2016.

Technical Reports

1. Lei Yao, **Mang Ye**, Dongjing Liu, et al. "WHU-NERCMS at TRECVID2015: Instance Search Task". Participant Notebook Paper, TRECVID, 2015. (**Ranked 4th**/31 teams)
2. **Mang Ye**, Bingyue Huang, Lei Yao, et al. "WHU-NERCMS at TRECVID2014: Instance Search Task". Participant Notebook Paper, TRECVID, 2014.

❖ Patents (In Chinese)

1. Ruimin Hu, **Mang Ye**, Chao Liang, et al. "A Coupled-View Based Ranking Optimization Method for Person Re-identification." Patent No. 201410454857.0 (First student author)
2. Ruimin Hu, **Mang Ye**, Chao Liang, et al. "Person Re-identification via Similarity and Dissimilarity Ranking Aggregation." Patent No. 201410827080.8 (First student author)
3. Ruimin Hu, **Mang Ye**, Chao Liang, et al. "A Specific Person Retrieval method via Incomplete Text Description." Patent No. 201510153983.7 (First student author)
4. Ruimin Hu, Yang Yang, **Mang Ye**, et al. "A Spatial Constrained Color Name Based method for Person Re-identification." Patent No. 201510777182.8

❖ Professional Services

Invited Reviewer/ PC Member for:

Journal: IEEE TPAMI, IEEE TMM, IEEE Access, Pattern Recognition, Neurocomputing, Pattern Recognition Letters

Conference: CVPR 2018 2019, ICCV 2019, IJCAI 2017, AAAI 2018, BMVC 2019, ACCV 2018, ICPR 2018

Student Volunteer for:

ICCV 2017, IAPR/IEEE Winter School on Biometrics 2017.

❖ Awards

2018 Outstanding Reviewer Award (Neurocomputing, Pattern Recognition Letters)

2016-2018 Computer Science Department RPg Performance Award

2016-2019 **Hong Kong PhD Fellowship**

2016 Academic Breakthrough Prize awarded by NERCMS

2015 **Google Excellence Scholarship**

2015 National Scholarship (top 2%)

2014 National Scholarship (top 2%)

2014 3rd Prize in National Graduate Contest on Smart-City Technology and Creative Design (rank #3)

2010, 2011 Scholarship for Outstanding Student Awards (top 20%)