SHAO, Rui (邵睿)

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❖ Education

PhD	Department of Computer Science,	Hong Kong Baptist University	2017-now
M.S.	School of Computer Science,	Wuhan University,	2015-2016
B.S.	School of Information and Communication Engineering,		
	University of Electronic Science and Technology of China,		2011-2015

❖ Research Experience

- **Hong Kong Baptist University Kowloon, Hong Kong**   Mar. 2017– Now

  Ph.D *student*   Supervisor: Prof. Pong C. Yuen

  - Transfer learning and Generalized deep learning, and their applications in the security of face recognition.

- **Wuhan Univeristy, NERCMS**   July. 2015– June. 2016

  Master *student*   Supervisor: Prof. Ruimin Hu and Dr. Chao Liang,

  - Person re-identification and instance search in large scale video applications.

❖ Publications [Google Scholar]

1. **Rui Shao,** Xiangyan Lan, Jiawei Li, Pong C. Yuen. "Multi-adversarial Discriminative Deep Domain Generalization for Face Presentation Attack Detection". IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2019.

2. **Rui Shao**, Xiangyan Lan, Pong C. Yuen. "Joint Discriminative Learning of Deep Dynamic Textures for 3D Mask Face Anti-spoofing". IEEE Transactions on Information Forensics and Security (TIFS), 2019.

3. **Rui Shao**, Xiangyan Lan, Pong C. Yuen. "Feature Constrained by Pixel: Hierarchical Adversarial Deep Domain Adaptation". ACM international conference on Multimedia (ACM MM), 2018.

4. **Rui Shao**, Xiangyan Lan, Pong C. Yuen. "Deep Convolutional Dynamic Texture Learning with Adaptive Channel-discriminability for 3D Mask Face Anti-spoofing". International Joint Conference on Biometrics (IJCB), 2017.

5. 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.

Technical Reports

1. Lei Yao, Mang Ye, Dongjing Liu, **Rui Shao**, Tao Liu, Jun Liu, Zheng Wang, Chao Liang. "WHU-NERCMS at TRECVID2015: Instance Search Task". Participant Notebook Paper, TRECVID, 2015. (**Ranked 4th**/31 teams)

2. Zheng Wang, Yang Yang, Shuosen Guan, Chenxia Han, Jiamei Lan, **Rui Shao**, Jinqiao Wang, Chao Liang. "WHU-NERCMS at TRECVID2016: Instance Search Task". Participant Notebook Paper, TRECVID, 2016.

❖ Professional Services

Invited or Anonymous Reviewer:

Journal: IEEE Transactions on Information Forensics and Security (TIFS)

Conference: CVPR 2019, AAAI 2019 2017, IJCAI 2018, ACM MM 2018, ICPR 2018, ICB 2019 2018, ICASSP 2018

Student Volunteer for:

IAPR/IEEE Winter School on Biometrics 2017.

❖ Awards

2017-2018 Computer Science Department RPg Performance Award

2013-2014 People's Second-Class Scholarship

2012-2013 People's Second-Class Scholarship

2011-2012 People's Second-Class Scholarship