WENBIN DU

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BACKGROUND

Shenzhen Institutes of Advanced Technology(SIAT) , Chinese Academy of Sciences 2014 .9-2018.7
Ph.D. in Pattern Recognition and Intelligent System , Supervisor: Prof. Yu Qiao
Thesis title: Studies on Video Modeling and Action Recognition Based on Recurrent Neural Networks.

Donghua University, Shanghai 2012 .9-2014.7
M.S. in Software Engineering, Supervisor: Prof. Yan Wan

China University of Mining and Technology(CUMT) 2007 .9-2011.7
B.S. in Environmental Engineering

RESEARCH INTERESTS

Computer Vision: Action Recognition, Recurrent Neural Networks, Deep Learning

HONORS AND AWARDS

President Special Award of SIAT 2017
President Excellence Award of SIAT 2016
National Scholarship 2008

CONTESTS

- ChaLearn Looking at People Challenge: 1st place in action spotting, event recognition. (SIAT team)

PUBLICATIONS

Google Scholar：https://scholar.google.com/citations?user=Cv7sPAYAAAAJ&hl=zh-CN

Submitted Paper

[1] Wenbin Du, Yali Wang, Yu Qiao, *Video Action Recognition with Recurrent Pose-Attention Network*, submitted to International Journal of Computer Vision (**IJCV**)

Conference Papers

[1] **Wenbin Du**, Yali Wang, Yu Qiao, *RPAN: An End-to-End Recurrent Pose-Attention Network for Action Recognition in Videos*, Proc. Int. Conf. Computer Vision (**ICCV**), 2017 **Oral**

[2] Wang Z, Wang L, **Du W**, et al. *Exploring fisher vector and deep networks for action spotting*[C]//Computer Vision and Pattern Recognition Workshops (CVPRW), 2015 IEEE Conference on. IEEE, 2015.

[3] Wang L, Wang Z, **Du W**, et al. *Object-scene convolutional neural networks for event*

*recognition in images[*C]//Proceedings of the IEEE conference on computer vision and pattern recognition workshops. 2015.

[4] Liu D X, **Du W**, Wu X, et al. *Deep rehabilitation gait learning for modeling knee joints of lower-limb exoskeleton*[C]//Robotics and Biomimetics (ROBIO), 2016 IEEE International Conference on. IEEE, 2016.

Journal Papers

[1] **Wenbin Du**, Yali Wang, Yu Qiao , *Recurrent Spatial-Temporal Attention Network for Action Recognition in Videos*, IEEE Transactions on Image Processing (**TIP**), 2018

[2] Liu D X, Wu X, **Du W**, et al. *Gait phase recognition for lower-limb exoskeleton with only joint angular sensors*[J]. Sensors, 2016.

[3] Liu D X, Wu X, **Du W**, et al. *Deep Spatial-Temporal Model for rehabilitation gait: optimal trajectory generation for knee joint of lower-limb exoskeleton*[J]. Assembly Automation, 2017.