Jinzhuo Wang

Peking University
EECS Department

Birthday: 1991.01
Place of Birth: Shenyang, Liaoning, China
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Education

Peking University, China. 2009 - present

    Ph.D Candidate in EECS, 2013 - present

        Advisor: Prof. Wen Gao and Prof. Wenmin Wang

    B.S. in EECS, 2009.9 - 2013.6

Research Area

Computer Vision, Deep learning, Artificial Intelligence

Programming Skills

Programming languages: C/C++, Python, Matlab

Deep learning frameworks: Tensorflow, Torch7, Caffe

Publications

Journal Articles

Jinzhuo Wang, Wenmin Wang, Ronggang Wang, Wen Gao. CSPS: An Adaptive Pooling Method for Image Classification. **IEEE Transaction on Multimedia**. 2016, 18(6):1000-1010

Proceedings

Jinzhuo Wang, Wenmin Wang, Ronggang Wang, Wen Gao. Beyond Monte Carlo Tree Search: Playing Go with Deep Alternative Neural Networks and Long-Term Evaluation. In **AAAI** 2017

Jinzhuo Wang, Wenmin Wang, Xiongtao Chen, Ronggng Wang, Wen Gao. Deep Alternative Neural Network: Exploring Contexts as Early as Possible for Action Recognition. In **NIPS** 2016

Jinzhuo Wang, Wenmin Wang, Ronggang Wang, Wen Gao. Learning Class-Specific Pooling Shapes for Image Classification. In **ICME** 2015

Jinzhuo Wang, Wenmin Wang, Ronggang Wang, Wen Gao. Image Classification Using RBM to Encode Local Descriptors with Group Sparse Learning. In **ICIP** 2015

Jinzhuo Wang, Wenmin Wang, Ronggang Wang, Wen Gao. A Compact Shot Representation for Video Semantic Indexing. In **ICIP** 2015

Xiongtao Chen, Wenmin Wang, **Jinzhuo Wang**, Weimian Li. Learning Object-Centric Transformations for Video Prediction. In **ACM Multimedia** 2017

Baoyang Chen, Wemin Wang, **Jinzhuo Wang**. Imagination on image: Synthesizing Videos with Transformation Generation. In **ACM Multimedia Workshop** 2017

Yihao Zhang, Wenmin Wang, **Jinzhuo Wang.** Collaborative Networks for Person Verification. In **ACM Multimedia Workshop** 2017

Yihao Zhang, Wenmin Wang, **Jinzhuo Wang**. Deep Discriminative Network with Inception Module for Person Re-Identification. In **VCIP** 2017

Hongmeng Song, Wenmin Wang, **Jinzhuo Wang**, Ronggang Wang. Collaborative Deep Networks for Pedestrian Detection. In **BigMM** 2017. **Best Paper Award**

Xiongtao Chen, Wenmin Wang, Weimian Li, **Jinzhuo Wang**. Attention-Based Two-Phase Model for Video Action Detection. In **CAIP** 2017

Yihao Zhang, Wenmin Wang, **Jinzhuo Wang**. Aligned Local Descriptors and Hierarchical Global Features for Person Re-Identification. In **PCM** 2017

Zhihao Li, Wenmin Wang, Nannan Li, **Jinzhuo Wang**. Tube ConvNets: Better Exploiting Motion for Better Action Recogntion. In **ICIP** 2016

Participated Grants

China 863 Project of 2015AA015905

National Natural Science Foundation of China 6167206

National Natural Science Foundation of China 1611461

Shenzhen Peacock Plan

Awards

National Scholarship of China 2015-2016

School Scholarship of Peking University 2013-2017

Silver Medal of National Graduate Smartcity Competition on Video analysis. 2015

Champion of PKU-THU Go Competition 2009-2013

Specialities

6 *dan* level of Go (also known as the game of Go), with more than 10 years of professional training experience from the age of 5, winning several Chinese Go champions

References

Wen Gao   Peking University   wgao@pku.edu.cn

Wenmin Wang   Peking University   wangwm@ece.pku.edu.cn

Huifang Sun   Mitsubishi Electric Research Laboratories   hsun@merl.com