Zhang Zhang

CONTACT INFORMATION

National Laboratory of Pattern Recognition (NLPR)
Institute of Automation, Chinese Academy of Sciences (CASIA)
No.95 ZhongGuanCun East Street, P. O. Box 2728, Beijing, P.R.China, 100190
Phone: +86 10 82544486, Mobile: +86 18600640831

WORK EXPERIENCE

Associate Professor   Otc. 2012 - now
in National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences, Beijing

Assistant Professor   Otc. 2010 - Sep. 2012
in National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences, Beijing

Research Fellow   Mar. 2009 - Sep. 2010
in School of Computer Engineering, Nanyang Technological University, Singapore
- Supervisor: **Prof. Dacheng Tao**

EDUCATION

Ph.D at **Institute of Automation, Chinese Academy of Science**, Beijing, China, Sep. 2002 - Dec. 2008

- Major: Pattern Recognition and Intelligent System
- Thesis Title: Extended Stochastic Grammar based Event Recognition in Videos
- Supervisor: **Prof. Tieniu Tan**

B.S. at **Hebei University of Technology**, Tianjin, China, Sep. 1998 - July 2002

- Major: Computer Science and Engineering

GRANTS AWARDED

1. "Large-scale Slow Feature Learning for Intelligent Visual Surveillance", NSFC Project, Grant No. 61473290, PI, RMB 800,000 2015 - 2018.

2. "Data-driven Stochastic Grammar based Visual Activities Understanding", NSFC Project, Grant No. 61105009, PI, RMB 240,000, 2012 - 2014.

SELECTED PUBLICATIONS

1. Houjing Huang, Dangwei Li, **Zhang Zhang**, Xiaotang Chen, and Kaiqi Huang Adversarially Occluded Samples for Person Re-identification, ***IEEE Conference on Computer Vision and Pattern Recognition (CVPR)***, 2018.

2. Weiqi Zhao, **Zhang Zhang**, and Kaiqi Huang, Gestalt Laws Based Tracklets Analysis for Human Crowd Understanding, ***Pattern Recognition (PR)***, 2018.

3. Dangwei Li, Xiaotang Chen, **Zhang Zhang**, and Kaiqi Huang Learning Deep Context-aware Features over Body and Latent Parts for Person Re-identification, ***IEEE Conference on Computer Vision and Pattern Recognition (CVPR)***, 2017.

4. **Zhang Zhang**, Kaiqi Huang, Tieniu Tan, Peipei Yang, and Jun Li ReD-SFA: Relation Discovery Based Slow Feature Analysis for Trajectory Clustering, ***IEEE Conference on Computer Vision and Pattern Recognition (CVPR)***, 2016.

5. Yanhu Shan, **Zhang Zhang**, Peipei Yang, and Kaiqi Huang,
   Adaptive Slice Representation for Human Action Classification, *IEEE Transactions on Circuits and Systems for Video Technology (T-CSVT)*, 25(10), pp. 1624-1635, 2015.

6. **Zhang Zhang**, and Dacheng Tao
   Slow Feature Analysis for Action Recognition, *IEEE Transaction on Pattern Analysis and Machine Intelligence (T-PAMI)*, 2012.

7. **Zhang Zhang**, Jun Cheng, Jun Li, Wei Bian, and Dacheng Tao
   Segment-Based Features for Time Series Classification, *The Computer Journal*, 2012

8. **Zhang Zhang**, Tieniu Tan and Kaiqi Huang
   An Extended Grammar System for Learning and Recognizing Complex Visual Events, *IEEE Transaction on Pattern Analysis and Machine Intelligence (T-PAMI)*, 2011.

9. **Zhang Zhang**, Kaiqi Huang and Tieniu Tan
   Multi-Thread Parsing for Recognizing Complex Events in Videos, *European Conference on Computer Vision (ECCV)*, 2008.

10. **Zhang Zhang**, Kaiqi Huang, Tieniu Tan and Liangsheng Wang
    Trajectory Series Analysis based Event Rule Induction for Visual Surveillance, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2007.

ACADEMIC SERVICES

Teaching

- Instructor of the course "Video Processing and Analysis", University of Chinese Academy of Sciences (UCAS), 2016 - 2018

Journal Reviewers

- International Journal of Computer Vision
- IEEE Transactions on Image Processing
- IEEE Transactions on Systems, Man, and Cybernetics
- IEEE Transactions on Circuits and Systems for Video Technology
- IEEE Transactions on Intelligent Transportation Systems
- Pattern Recognition
- Artificial Intelligence Journal
- Neurocomputing
- Signal Processing
- Neural Processing Letters

Conference Services

- Web Chair, The 4th Chinese Conference on Intelligent Visual Surveillance (C-CIVS), 2016
- Web Chair, IEEE Advanced Video and Signal-Based Surveillance(AVSS), 2012
- Organization Committee Chair, The 3rd Chinese Conference on Intelligent Visual Surveillance (CCIVS), 2011
- Program Commitee Member of International Workshop on Video Event Categorization, Tagging and Retrieval(VECTaR), 2011, 2012