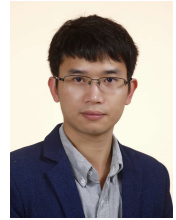


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## Education

- 2017.09 – 2021.06    **Ph.D., Tsinghua University** at the Department of Automation.  
Thesis title: *Video summarization Based on Deep Learning*  
Advisor: Jiwen Lu
- 2014.09 – 2017.02    **Master, Tianjin University** at the School of Computer Science and Technology.  
Thesis title: *Unsupervised Feature Selection Model and Algorithm Based on Self-expression*  
Advisor: Qinghua Hu
- 2010.09 – 2014.06    **Bachelor, Tianjin University** at the School of Computer Science and Technology.  
Thesis title: *Metric Learning on Stellar Spectra*  
Advisor: Qinghua Hu

## Interests






- Computer Vision    **Object tracking, image Matting**
- Multimedia Understanding    **Video summarization, object segmentation**

## Research Publications

- Relational Reasoning over Spatial-Temporal Graphs for Video Summarization**  
**Wencheng Zhu**, Yucheng Han, Jiwen Lu, and Jie Zhou  
*IEEE Transaction on Image Processing (TIP)*, 2020    **Under review**
- Separable Structure Modeling for Semi-supervised Video Object Segmentation**  
**Wencheng Zhu**, Jiahao Li, Jiwen Lu, and Jie Zhou  
*IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)*, 2020    **Major revision**
- DSNet: A Flexible Detect-to-Summarize Network for Video Summarization**  
**Wencheng Zhu**, Jiwen Lu, Jiahao Li, and Jie Zhou  
*IEEE Transaction on Image Processing (TIP)*, 2020    **Minor revision**
- Learning Multiscale Hierarchical Attention for Video Summarization**  
**Wencheng Zhu**, Jiwen Lu, Yucheng Han, and Jie Zhou  
*Pattern Recognition (PR)*, 2020    **Under review**
- Multi-label Quadruplet Dictionary Learning**  
Jiayu Zheng, **Wencheng Zhu**, and Pengfei Zhu  
*International Conference on Artificial Neural Networks (ICANN)*, 2020    **Accept**
- Structured general and specific multi-view subspace clustering**  
**Wencheng Zhu**, Jiwen Lu, and Jie Zhou  
*Pattern Recognition (PR)*, 2019    **Accept**

7. **Nonlinear Subspace Clustering for Image Clustering**  
**Wencheng Zhu**, Jiwen Lu, and Jie Zhou  
*Pattern Recognition Letters (PRL)*, 2018 **Accept**
8. **Nonlinear Subspace Clustering**  
**Wencheng Zhu**, Jiwen Lu, and Jie Zhou  
*IEEE International Conference on Image Processing (ICIP)*, 2017 **Accept**
9. **Subspace Clustering guided Unsupervised Feature Selection**  
 Pengfei Zhu, **Wencheng Zhu**, Qinghua Hu, Changqing Zhang, and Wangmeng Zuo  
*Pattern Recognition (PR)*, 2017 **Accept**
10. **Non-convex Regularized Self-representation for Unsupervised Feature Selection**  
 Pengfei Zhu, **Wencheng Zhu**, Qinghua Hu, Weizhi Wang, Wangmeng Zuo, and Qinghua Hu  
*Image and Vision Computing (IVC)*, 2016 **Accept**
11. **Set to Set Visual Tracking**  
**Wencheng Zhu**, Pengfei Zhu, Qinghua Hu, and Changqing Zhang  
*Pacific Rim International Conference on Artificial Intelligence (PRICAI)*, 2016 **Accept, Best paper Nomination**

## Honors

- 2017  Outstanding Undergraduate, Tianjin University
-  National Scholarship, Tianjin University
- 2016  Best Paper Nomination, PRICAI-2016
- 2014  Outstanding Undergraduate, Tianjin University
- 2011  National Encouragement Scholarship, Tianjin University

## Academic Experience

- 2018.07– 2018.08  **Horizon Robotics** intern (student).

## Academic Services

- |                     |   |
|---------------------|---|
| Conference Reviewer | ICME, WACV, IScIDE, ICIP, ICPR, VCIP, CASE, BTAS, BigMM, JVIC, MMSP |
| Journal Reviewer    | TIP, TNNLS, TCYB, TMM, TCSVT, TOMM, PR, PRL                         |