

HAO TANG

Nanjing University of Science and Technology • Nanjing, Xiaolingwei NO.200
(+86) 19955467729 • tanghao0918@njust.edu.cn • <https://cser-tang-hao.github.io>

EDUCATION

Nanjing University of Science and Technology

School of Computer Science and Engineering

Intelligent Media Analysis Group, Ph.D Candidate

Supervised by [Prof. Jinhui Tang](#) and [Prof. Zechao Li](#)

Nanjing China

Sep. 2018 - 2022

Harbin Engineering University

College of Automation, B.S. in Engineering Science

Excellent Bachelor Thesis & Excellent Graduate

Harbin China

Sep. 2014 - Jun. 2018

RESEARCH INTERESTS

Learning From Limited or Imperfect Data

Multimedia: Zero/Few-shot Learning, Fine-Grained Visual Classification/Retrieval

Computer Vision: Weakly-supervised Object Localization/Detection/Segmentation

RESEARCH EXPERIENCES

Singapore University of Technology and Design

Information Systems Technology and Design, Visiting Research Fellow

Advisor: Dr. Jun Liu

Singapore

Nov. 2022 - Now

Nankai University

The Media Computing Lab, Visiting Ph.D. Student

Advisor: Prof. Ming-ming Cheng

Tianjin China

Dec. 2019 - Jan. 2020

SELECTED PUBLICATIONS

Complementary Triple-Decoder Network for Robust RGB-T Salient Object Detection

Hao Tang, Zechao Li, Di Wang, Dong Zhang, and Jinhui Tang

Under Review, 2023

IEEE Transactions on Pattern Analysis and Machine Intelligence

Erasing, Transforming, and Noising Defense Network for Occluded Person Re-Identification

Neng Dong, Liyan Zhang, Shuanglin Yan, Hao Tang, and Jinhui Tang

Under Review, 2022

IEEE Transactions on Information Forensics & Security

Image-Specific Information Suppression and Implicit Local Alignment for Text-based Person Search

Shuanglin Yan, Hao Tang, Liyan Zhang, and Jinhui Tang

Under Review, 2022

IEEE Transactions on Neural Networks and Learning Systems

Knowledge-Guided Semantic Transfer Network for Few-Shot Image Recognition

Zechao Li, Hao Tang, Zhimao Peng, Guo-jun Qi, and Jinhui Tang

Under Review, 2022

IEEE Transactions on Neural Networks and Learning Systems

Boosting Few-shot Fine-grained Recognition with Background Suppression and Foreground Alignment

Zican Zha, Hao Tang, Yunlian Sun, and Jinhui Tang

IEEE Transactions on Circuits and Systems for Video Technology 2023

Learning Attention-Guided Pyramidal Features for Few-shot Fine-grained Recognition

Hao Tang, Chengcheng Yuan, Zechao Li, and Jinhui Tang (extension of conference paper)

International Joint Conference on Artificial Intelligence (IJCAI) LTDL Workshop 2021 (Best Paper Award)

Pattern Recognition 2022

BlockMix: Meta Regularization and Self-Calibrated Inference for Metric-Based Meta-Learning

Hao Tang, Zechao Li, Zhimao Peng, and Jinhui Tang

ACM International Conference on Multimedia (ACM MM) 2020 (Oral Presentation)

AWARDS AND HONORS

Best Paper Award at Long-Tailed Distribution Learning Workshop, IJCAI 2021	Aug. 2021
Excellent Ph.D. Students Sponsorship Program of NJUST	Jun. 2021
The First Prize Scholarship of NJUST	Sep. 2018 - 2022
Outstanding Graduates and Excellent Bachelor Thesis Award of HEU	Jun. 2018
The First-class Innovation Scholarship of MIIT (China)	Nov. 2017

PROFESSIONAL SERVICES

Journal Reviewers

- IEEE Transactions on Pattern Analysis and Machine Intelligence
- IEEE Transactions on Neural Networks and Learning Systems
- IEEE Transactions on Multimedia
- The Visual Computer
- KSII Transactions on Internet and Information Systems

Conference Reviewers

- ACM International Conference on Multimedia (ACM MM) 2021 - 2022
- Association for the Advancement of Artificial Intelligence (AAAI) 2021 - 2023