

SHANGZHE DI

(86)15652587063 ♦ shangzhe.di@gmail.com ♦ dszdsz.cn

RESEARCH INTEREST

Video Understanding, Multi-modal Learning

EDUCATION

Shanghai Jiao Tong University

Apr 2023 - Present

PhD student in Information and Communication Engineering

Shanghai, China

· Supervisor: Prof. Weidi Xie

Beihang University

Sep 2020 - Jan 2023

M.Eng. in Computer Science

Beijing, China

· Supervisor: Prof. Si Liu

Technical University of Munich

Apr 2019 - Aug 2019

Exchange program in Information Engineering

Munich, Germany

Beihang University

Sep 2016 - Jun 2020

B.Eng. in Software Engineering

Beijing, China

PUBLICATIONS

* stands for equal contribution.

[1] **Shangzhe Di** and Weidi Xie. “Grounded Question-Answering in Long Egocentric Videos.” In *IEEE / CVF Computer Vision and Pattern Recognition Conference (CVPR)*, 2024.

[2] Zizheng Xun*, **Shangzhe Di***, et al. “Linker: Learning Long Short-term Associations for Robust Visual Tracking.” In *IEEE Transactions on Multimedia (TMM)*, 2023.

[3] Yulu Gao, Chonghao Sima, Shaoshuai Shi, **Shangzhe Di**, et al. “Sparse Dense Fusion for 3D Object Detection.” In *International Conference on Intelligent Robots and Systems (IROS)*, 2023.

[4] Zhening Xing, Yuchen Wu, Si Liu, **Shangzhe Di**, et al. “Virtual try-on with garment self-occlusion conditions.” In *IEEE Transactions on Multimedia (TMM)*, 2023.

[5] **Shangzhe Di***, Zeren Jiang*, et al. “Video Background Music Generation with Controllable Music Transformer.” In *ACM International Conference on Multimedia (ACMMM)*, 2021, **Best Paper Award**.

INVITED TALKS

Learning to Generate Video Background Music

Sep 26, 2021

JIG Graduate Academic Forum 2021

HONORS AND AWARDS

Best Paper Award, ACMMM, 2021

Best Video Award, IJCAI Video Competition, 2021

First Prize Scholarship × 2 (Top 10%), Beihang University, 2019 & 2021

Full Scholarship for Exchange Program, China Scholarship Council, 2019

Special Prize Scholarship (Top 3%), Beihang University, 2018