

Li Haipeng, Ph.D. candidate

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🌐 <https://lhaipp.github.io/>



Education

- 2022 – Present 📖 **Ph.D.**, University of Electronic Science and Technology of China
- 2017 – 2020 📖 **M.Sc.**, École Nationale Supérieure des Télécommunications de Bretagne
- 2013 – 2017 📖 **B.E.**, University of Electronic Science and Technology of China

Experience

- 2020 – 2022 📖 **Researcher**, Megvii Research

Research Publications

Journal Articles - IJCV(1), TCSVT(1)

- 1 H. Li, D. Liu, Y. Zeng, *et al.*, “Single-image-based deep learning for segmentation of early esophageal cancer lesions,” *IEEE Transactions on Image Processing (under review)*, 2023.
- 2 H. Li, K. Luo, B. Zeng, and S. Liu, “Gyroflow+: Gyroscope-guided unsupervised deep homography and optical flow learning,” *International journal of computer vision*, 2023.
- 3 S. Liu, H. Li, Z. Wang, J. Wang, S. Zhu, and B. Zeng, “Deepois: Gyroscope-guided deep optical image stabilizer compensation,” *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 32, no. 5, pp. 2856–2867, 2022. 📄 DOI: 10.1109/TCSVT.2021.3103281.

Conference Proceedings - ICCV(2), AAAI(1)

- 1 H. Jiang, H. Li, S. Han, H. Fan, B. Zeng, and S. Liu, “Supervised homography learning with realistic dataset generation,” in *Proceedings of the IEEE/CVF International Conference on Computer Vision*, 2023, pp. 9806–9815.
- 2 H. Jiang, H. Li, Y. Lu, S. Han, and S. Liu, “Semi-supervised deep large-baseline homography estimation with progressive equivalence constraint,” in *Proceedings of the AAAI Conference on Artificial Intelligence*, vol. 37, 2023, pp. 1024–1032.
- 3 H. Li, K. Luo, and S. Liu, “Gyroflow: Gyroscope-guided unsupervised optical flow learning,” in *Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV)*, Oct. 2021, pp. 12 869–12 878.

Academic Services

- Conference Reviewer 📖 CVPR2024

Skills

- Languages 📖 English, French, Chinese.
- Coding 📖 C++, Python, R, \LaTeX .