

Stanford

Katie Luo

Postdoctoral Scholar, Aeronautics and Astronautics

Bio

STANFORD ADVISORS

- Marco Pavone, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Endangered Alert: A Field-Validated Self-Training Scheme for Detecting and Protecting Threatened Wildlife on Roads and Roadsides** *IEEE ROBOTICS AND AUTOMATION LETTERS*
Li, K., Shan, M., Perez, S., Luo, K., Worrall, S.
2025; 10 (10): 10706-10713
- **Denoising Vision Transformers**
Yang, J., Luo, K. Z., Li, J., Deng, C., Guibas, L., Krishnan, D., Weinberger, K. Q., Tian, Y., Wang, Y.
edited by Leonardis, A., Ricci, E., Roth, S., Russakovsky, O., Sattler, T., Varol, G.
SPRINGER INTERNATIONAL PUBLISHING AG.2025: 453-469
- **Augmenting Lane Perception and Topology Understanding with Standard Definition Navigation Maps**
Luo, K. Z., Weng, X., Wang, Y., Wu, S., Li, J., Weinberger, K. Q., Wang, Y., Pavone, M., IEEE
IEEE.2024: 4029-4035