

# Stanford

---

## Liam Kruse

- Ph.D. Student in Aeronautics and Astronautics, admitted Spring 2022
- AARC Tutor, DASH

### Publications

---

#### PUBLICATIONS

- **Uncertainty-aware online merge planning with learned driver behavior** *IEEE International Conference on Intelligent Transportation Systems (ITSC)*  
Kruse, L., Yel, E., Senanayake, R., Kochenderfer, M. J.  
2022
- **A Hybrid Rule-Based and Data-Driven Approach to Driver Modeling Through Particle Filtering** *IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS*  
Bhattacharyya, R., Jung, S., Kruse, L. A., Senanayake, R., Kochenderfer, M. J.  
2021
- **Dyadic Sex Composition and Task Classification Using fNIRS Hyperscanning Data**  
Kruse, L. A., Reiss, A. L., Kochenderfer, M. J., Balters, S., Wani, M. A., Sethi, Shi, W., Qu, G., Raicu, D. S., Jin, R.  
IEEE.2021: 582-588