



Marc Schlichting

- Ph.D. Student in Aeronautics and Astronautics, admitted Spring 2022
- Masters Student in Neurosciences, admitted Winter 2024

Bio

HONORS AND AWARDS

- Centennial Teaching Assistant Award, Stanford University (2023)
- Nicholas J. Hoff Award for outstanding master's student, Stanford University (2022)
- GNC Graduate Student Paper Competition, 3rd place, AIAA (2021)

EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , AA-MS (2022)
- M.S., Stanford University , Aeronautics and Astronautics (2022)
- B.S., University of Stuttgart , Aerospace Engineering (2019)

Publications

PUBLICATIONS

- **Towards assessing subcortical "deep brain" biomarkers of PTSD with functional near-infrared spectroscopy.** *Cerebral cortex (New York, N.Y. : 1991)*
Balters, S., Schlichting, M. R., Foland-Ross, L., Brigadoi, S., Miller, J. G., Kochenderfer, M. J., Garrett, A. S., Reiss, A. L.
2022
- **Long Short-Term Memory for Spatial Encoding in Multi-Agent Path Planning**
Schlichting, M. R., Notter, S., Fichter, W.
2022
- **LSTM-Based Spatial Encoding: Explainable Path Planning for Time-Variant Multi-Agent Systems** *AIAA Scitech 2021 Forum*
Schlichting, M. R., Notter, S., Fichter, W.
American Institute of Aeronautics and Astronautics.2021: 20