

Stanford

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Bio

STANFORD ADVISORS

- Mykel Kochenderfer, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- Generating probabilistic safety guarantees for neural network controllers *MACHINE LEARNING*

Katz, S. M., Julian, K. D., Strong, C. A., Kochenderfer, M. J.
2021

- Synthesis and characterization of Fe(III)-Fe(II)-Mg-Al smectite solid solutions and implications for planetary science *AMERICAN MINERALOGIST*

Fox, V. K., Kupper, R. J., Ehlmann, B. L., Catalano, J. G., Razzell-Hollis, J., Abbey, W. J., Schild, D. J., Nickerson, R. D., Peters, J. C., Katz, S. M., White, A. A.
2021; 106 (6): 964-982

- Verification of image-based neural network controllers using generative model *Digital Avionics Systems Conference (DASC)*

Katz, S. M., Corso, A. L., Strong, C. A., Kochenderfer, M. J.
2021

- Learning an Urban Air Mobility Encounter Model from Expert Preferences

Katz, S. M., Le Bihan, A., Kochenderfer, M. J., IEEE
IEEE.2019