

Yiqi Jiang

Ph.D. Student in Electrical Engineering, admitted Autumn 2022

Publications

PUBLICATIONS

- **A ghost mechanism: An analytical model of abrupt learning**

Dinc, F., Cirakman, E., Jiang, Y., Yuksekogonul, M., Schnitzer, M. J., Tanaka, H.
arXiv preprint arXiv:2501.02378.
2025

- **Understanding and controlling the geometry of memory organization in RNNs**

Haputhanthri, U., Storan, L., Jiang, Y., Raheja, T., Shai, A., Akengin, O., Miolane, N., Schnitzer, M. J., Dinc, F., Tanaka, H.
arXiv preprint arXiv:2502.07256.
2025

- **Latent computing by biological neural networks: A dynamical systems framework**

Dinc, F., Blanco-Pozo, M., Klindt, D., Acosta, F., Jiang, Y., Ebrahimi, S., Shai, A., Tanaka, H., Yuan, P., Schnitzer, M. J., Miolane, N.
arXiv preprint arXiv:2502.14337.
2025

- **ActSort: An active-learning accelerated cell sorting algorithm for large-scale calcium imaging datasets** *The Thirty-eighth Annual Conference on Neural Information Processing Systems*

Jiang, Y., Akengin, H., Zhou, J., Aslihak, M., Li, Y., Hernandez, O., Ebrahimi, S., Zhang, Y., Inan, H., Jaidar, O., Miranda, C., Dinc, F., Blanco-Pozo, et al
edited by Globerson, A., Mackey, L., Belgrave, D., Fan, A., Paquet, U., Tomczak, J., Zhang, C.
2024

- **Conformal Prediction for Uncertainty-Aware Planning with Diffusion Dynamics Model**

Sun, J., Jiang, Y., Qiu, J., Nobel, P., Kochenderfer, M., Schwager, M.
edited by Oh, A., Neumann, T., Globerson, A., Saenko, K., Hardt, M., Levine, S.
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2023