Stanford

Daniel Jost

Assoc Sci - LCLS/qRIXS, LCLS - Linac Coherent Light Source

Publications

PUBLICATIONS

- **Doping Dependence of 2-Spinon Excitations in the Doped 1D Cuprate Ba_{2}CuO_{3+δ}.** *Physical review letters*
  Li, J., Jost, D., Tang, T., Wang, R., Zhong, Y., Chen, Z., Garcia-Fernandez, M., Pelliciari, J., Bisogni, V., Moritz, B., Zhou, K., Wang, Y., Devereaux, et al
  2025; 134 (14): 146501

- **Time-Resolved X-Ray Spectroscopy from the Atomic Orbital Ground State Up** *PHYSICAL REVIEW X*
  Jost, D., Lomeli, E. G., Tang, T., Kas, J. J., Rehr, J. J., Lee, W., Jiang, H., Moritz, B., Devereaux, T. P.
  2025; 15 (1)

- **Detection of chiral spin fluctuations driven by frustration in Mott insulators** *Phys. Rev. B*
  Hsu, K. H., Jia, C., Zhang, E. Z., Jost, D., Moritz, B., Hackl, R., Devereaux, T. P.
  2025; 111 (20)

- **Influence of extended interactions on spin dynamics in one-dimensional cuprates** *PHYSICAL REVIEW B*
  Tang, T., Jost, D., Moritz, B., Devereaux, T. P.
  2024; 110 (16)

- **Predicting Reactivity and Passivation of Solid-State Battery Interfaces.** *ACS applied materials & interfaces*
  Lomeli, E. G., Ransom, B., Ramdas, A., Jost, D., Moritz, B., Sendek, A. D., Reed, E. J., Devereaux, T. P.
  2024

- **Low Temperature Dynamic Polaron Liquid in a Manganite Exhibiting Colossal Magnetoresistance.** *Physical review letters*
  Jost, D., Huang, H. Y., Rossi, M., Singh, A., Huang, D. J., Lee, Y., Zheng, H., Mitchell, J. F., Moritz, B., Shen, Z. X., Devereaux, T. P., Lee, W. S.
  2024; 132 (18): 186502

- **Publisher Correction: Geometric frustration of Jahn-Teller order in the infinite-layer lattice.** *Nature*
  Kim, W. J., Smeaton, M. A., Jia, C., Goodge, B. H., Cho, B. G., Lee, K., Osada, M., Jost, D., Ievlev, A. V., Moritz, B., Kourkoutis, L. F., Devereaux, T. P., Hwang, et al
  2023

- **Geometric frustration of Jahn-Teller order in the infinite-layer lattice.** *Nature*
  Kim, W. J., Smeaton, M. A., Jia, C., Goodge, B. H., Cho, B., Lee, K., Osada, M., Jost, D., Ievlev, A. V., Moritz, B., Kourkoutis, L. F., Devereaux, T. P., Hwang, et al
  2023

- **Quantum critical fluctuations in an Fe-based superconductor** *COMMUNICATIONS PHYSICS*
  Jost, D., Peis, L., He, G., Baum, A., Gepraegs, S., Palmstrom, J. C., Ikeda, M. S., Fisher, I. R., Wolf, T., Lederer, S., Kivelson, S. A., Hackl, R.
  2022; 5 (1)