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Ph.D. Student in Materials Science and Engineering, admitted Autumn 2023

Publications

PUBLICATIONS

- **High-resolution in situ characterization of laser powder bed fusion via transmission X-ray microscopy at X-ray free-electron lasers.** *Journal of synchrotron radiation*
Taylor, Z., Reddy, T., Fang, L., Oppermann, P., Kramer, P. L., Decker, F. J., Seaberg, M., Chollet, M., van Driel, T., Halavanau, A., Hart, P., Dayton, M., Seiboth, et al
2025
- **X-ray induced grain boundary formation and grain rotation in Bi₂Se₃** *SCRIPTA MATERIALIA*
Katagiri, K., Kozioziemski, B., Folsom, E., Goede, S., Wang, Y., Appel, K., Chalise, D., Cook, P. K., Eggert, J., Howard, M., Kim, S., Konopkova, Z., Makita, et al
2025; 256
- **Fatigue-based process window for laser beam powder bed fusion additive manufacturing** *INTERNATIONAL JOURNAL OF FATIGUE*
Reddy, T., Ngo, A., Miner, J. P., Gobert, C., Beuth, J. L., Rollett, A. D., Lewandowski, J. J., Narra, S. P.
2024; 187