Stanford



Jan-Lucas Uslu

Ph.D. Student in Applied Physics, admitted Autumn 2025

Publications

PUBLICATIONS

- **MaskTerial: a foundation model for automated 2D material flake detection** *DIGITAL DISCOVERY*
  Uslu, J., Nekrasov, A., Hermans, A., Beschoten, B., Leibe, B., Waldecker, L., Stampfer, C.
  2025

- **Quantitative determination of twist angle and strain in Van der Waals moiré superlattices** *APPLIED PHYSICS LETTERS*
  Tran, S. J., Uslu, J., Pendharkar, M., Finney, J., Sharpe, A. L., Hocking, M., Bittner, N. J., Watanabe, K., Taniguchi, T., Kastner, M. A., Mannix, A. J., Goldhaber-Gordon, D.
  2024; 125 (11)

- **An open-source robust machine learning platform for real-time detection and classification of 2D material flakes** *MACHINE LEARNING-SCIENCE AND TECHNOLOGY*
  Uslu, J., Ouaj, T., Tebbe, D., Nekrasov, A., Bertram, J., Schuette, M., Watanabe, K., Taniguchi, T., Beschoten, B., Waldecker, L., Stampfer, C.
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