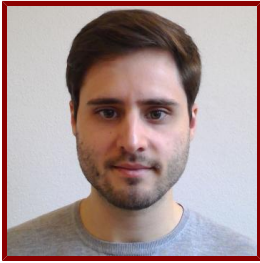


# Stanford

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## Bernd Hofmann

Postdoctoral Scholar, Electrical Engineering

### Bio

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#### BIO

Bernd Hofmann received the B.Eng. degree in electrical engineering from the Augsburg University of Applied Sciences, Augsburg, Germany, in 2015, and the M.Sc. and Dr.-Ing. degrees in electrical engineering from the Technical University of Munich (TUM), Munich, Germany, in 2017 and 2024, respectively.

From Jan. 2025 to Feb. 2026, he was a postdoctoral scholar at the University of Southern California, CA. Since Mar. 2026 he is a postdoctoral scholar with the Stanford University. His current research interests include computational electromagnetics, in particular, high-order accurate integral equation methods, and antenna near-field measurement techniques.

#### STANFORD ADVISORS

- Constantine Sideris, Postdoctoral Faculty Sponsor

#### LINKS

- ACME Research Group Website: <https://acme.stanford.edu/>
- Google Scholar: <https://scholar.google.com/citations?user=gVMGynYAAAAJ&hl=de>

### Publications

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#### PUBLICATIONS

- **An Excitation-Aware and Self-Adaptive Frequency Normalization for Low-Frequency Stabilized Electric Field Integral Equation Formulations** *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*  
Hofmann, B., Eibert, T. F., Andriulli, F. P., Adrian, S. B.  
2023; 71 (5): 4301-4314