Stanford

Bennet Meyers

Staff Scientist, SLAC National Accelerator Laboratory

Bio

BIO

I am a Staff Scientist with SLAC National Accelerator Laboratory, in the Grid Integration Systems and Mobility (GISMo) Lab in the Applied Energy Division. I completed my PhD in Electrical Engineering at Stanford University in Winter 2023, advised by Prof. Stephen Boyd. We recently wrote a book on signal decomposition, which can be found under my publications tab. More info available on my personal website.

LINKS

- https://bmeyers.github.io/about/: https://bmeyers.github.io/about/

Publications

PUBLICATIONS

- **Perspective: Performance Loss Rate in Photovoltaic Systems** *SOLAR RRL*
  Deceglie, M. G., Anderson, K., Fregosi, D., Hobbs, W. B., Mikofski, M. A., Theristis, M., Meyers, B. E.
  2023

- **Signal Decomposition Using Masked Proximal Operators** *FOUNDATIONS AND TRENDS IN SIGNAL PROCESSING*
  Meyers, B. E., Boyd, S. P.
  2023; 17 (1): 1-78

- **Signal Processing on PV Time-Series Data: Robust Degradation Analysis Without Physical Models** *IEEE JOURNAL OF PHOTOVOLTAICS*
  Meyers, B., Deceglie, M., Deline, C., Jordan, D.
  2020; 10 (2): 546-553

- **Accurate Modeling of Partially Shaded PV Arrays**
  Meyers, B., Mikofski, M., IEEE
  IEEE.2017: 3354-3359