Stanford

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## Publications

### PUBLICATIONS

- **First-principles channel model and capacity-achieving transmission scheme in thermal noise backscatter links.** *Proceedings of the National Academy of Sciences of the United States of America*
  Ecola, G., Zhang, J., Kahn, J. M., Kapetanovic, Z.
  2026; 123 (43): e2606732123
- **Wireless Johnson Noise Thermometry for Passive Temperature Sensing** *IEEE JOURNAL OF MICROWAVES*
  Falconer, J., Ecola, G., Kapetanovic, Z.
  2025
- **SARLink: Satellite Backscatter Connectivity using Synthetic Aperture Radar**
  Ecola, G., Yen, B., Morgado, A., Priyantha, B., Chandra, R., Kapetanovic, Z., ACM
  ASSOC COMPUTING MACHINERY.2025: 398-410