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Ph.D. Student in Electrical Engineering, admitted Summer 2026

Publications

PUBLICATIONS

- **Information-computation trade-offs in nonlinear transforms.** *Philosophical transactions. Series A, Mathematical, physical, and engineering sciences*
Ding, C., Gorle, A., Jeong, J., Sagan, N., Weissman, T.
2026; 384 (2315)
- **AI Enabled 6G for Semantic Metaverse: Prospects, Challenges and Solutions for Future Wireless VR** *IEEE WIRELESS COMMUNICATIONS*
Mohsin, M., Bhattacharya, S., Gorle, A. R., Jamshed, M., Cioffi, J. M.
2025; 32 (5): 72-79
- **LZMidi: Compression-Based Symbolic Music Generation**
Ding, C., Gorle, A., Bhattacharya, S., Hasteer, D., Sagan, N., Weissman, T., IEEE
IEEE.2025
- **minPIC: Optimal Power Allocation in Multi-User Interference Channels**
Bhattacharya, S., Gorle, A., Cioffi, J. M., IEEE
IEEE.2025: 3927-3932
- **Aol-QPS: Age-of-Information Aware Efficient Queue-Proportional Scheduling**
Gorle, A., Bhattacharya, S., Cioffi, J. M., IEEE
IEEE.2025: 4607-4612