**48th Eastern VHF/UHF Conference**

**May 9 & 10, 2025**

***Sponsored by*:**

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[**https://www.newsvhf.com/conf2025/2025papers.html**](https://www.newsvhf.com/conf2025/2025papers.html)

**Presentation Papers:**

**Using the W3SZ-K1RZ Database & Map by Dave Petke, K1RZ**

[**Simple and Cheap Preamps for 10 GHz**](https://www.newsvhf.com/conf2025/PresPapers/W1GHZ-10_GHz_Preamp-Simple_and_Cheap.pdf) **and** [**5760 MHz Preamp**](https://www.newsvhf.com/conf2025/PresPapers/W1GHZ-5760_MHz_Preamp-Simple_and_Cheap.pdf) **by Paul Wade, W1GHZ**

**KI2L-Arduino\_Networking\_with\_Ethernet****by Bob Bownes, KI2L**

[**Simple Synthesizer Signal Generator**](https://www.newsvhf.com/conf2025/PresPapers/N1JEZ-Simple_Synthesizer_Signal_Generator.pdf)**by Mike Seguin, N1JEZ**

**Understanding Frequency Synthesizers by Tom Williams, WA1MBA**

**ARRL Contest Program 2025 Update by Bart Jahnke, W9JJ & Paul Bourque, N1SFE**

**Basic Light Communications NOTE: Click on slide to hear audio
by Paul CianCiolo, W1VLF**

**940 nm or 319 THz by Fred Stefanik, K1FMS**

**SDR Phased Array Radar by Jack Carrozzo, NA1C**

**Microwaves in Quantum Computing by Hisen Zhang, KD2TAI**

[**Looking at Loop Antennas**](https://www.newsvhf.com/conf2025/PresPapers/AF1T-Looking_at_Loops.pdf) **by Dale Clement, AF1T**

**Contributed Papers:**

[**Larcan TV SSPA Conversion to 432 MHz**](https://www.newsvhf.com/conf2025/Papers/N1JEZ-Larcan_SSPA.pdf) **by Mike Seguin, N1JEZ**

**Contributed Papers (cont):**

[**Getting on 222 MHz? - an Inexpensive 222 Beam**](https://www.newsvhf.com/conf2025/Papers/WB2VVV-Inexpensive%20222%20Beam.pdf) **by Chris Fagan, WB2VVV**

[**GaAsFET LNA Bias - Simple, Cheap, and Fool-resistant**](https://www.newsvhf.com/conf2025/Papers/W1GHZ-GaAsFET_LNA_Bias-Simple_Cheap_and_Fool-resistant.pdf) **by Paul Wade, W1GHZ**

[**MMIC Amplifiers for 10GHz**](https://www.newsvhf.com/conf2025/Papers/W1GHZ-MMIC_Amplifiers_for_10GHz.pdf) **by Paul Wade, W1GHZ**

[**Large W2IMU Feedhorns for Improved G/T on Offset Dishes**](https://www.newsvhf.com/conf2025/Papers/W1GHZ-Large_W2IMU_Feedhorns_for_Improved_G_over_T_on_Offset_Dishes.pdf) **by Paul Wade, W1GHZ**

[**Verifying Microwave Receiver Performance using TotalPower**](https://www.newsvhf.com/conf2025/Papers/W1GHZ-Verifying_Microwave_Receiver_Performance_using_TotalPower.pdf) **by Paul Wade, W1GHZ**