

## Tech Talks

Tech Talks are presentations by members on equipment, techniques, operating procedures, adventures, and a topic of interest to amateurs and others. Talks can be hands-on Demonstrations, Power point presentations, or any other venue the presenter wishes. There is a projector screen in the meeting room. Tech Talks are not held every month

Tech Talks begin following a short business meeting. We are always looking for new topics. Please contact Bob KC9RF about the knowledge, expertise, and experience you can share. Thank you all for your contributions. Contact Bob by going to the contact/join page.

### Tech Talks

2025	Description
Jan	Lithium Iron Batteries uses Mike KB9BBN

2024	Description
Jan-March	feasibility of a remote club station with HF Radio and Antenna
May 8	Field Day History and club Field day up date
June 12	Whisper Mode presentation Jeff N9NIC
Aug 14	Software for the Shack- Dave N9DBS
Nov 13	WIRES X Overview Kyle AB9AX

2023	Description
Dec 13	Discussion on HF and VHF propagation
Nov 8	Listening on short wave or the ham bands with or without a radio.
Oct 11	FT8 Digital Mode
Sept 13	Go Box Presentation
Aug 9	FLDIGI Digital mode software
July 12	20 meter inverted V antenna
June 14	Home built & designed LDMOS Amplifier by Jeff KD9FYU,
April 12	Old School ham operators ready for emergency communications video.
Mar 8	Software Programming and logging.

2022	Description
Nov 9	Echolink Basics
Oct 12	Amplifiers or Antennas What's the best bang for your dollar.
Sept 14	How to find your radio voice.
Aug 10	Delta loops, What are they and how do they work.
Feb 9	What is Gray Line Propagation and when is it used.
Jan 12	Ferrite, chokes, and RFI

2021	Description
Sept 8	Parks on the Air by Dave N9DBS and Bob KC9RF.
AUG 11	SATERN Patriot North Exercise by Scott W9JU
July 14	How to build a linked dipole
May 12	RF Filters By Jeff KD9FYU
Mar 10	Go Boxes- What's a go box and how are they used.
Feb 10	Power Poles what are they, and how can they help organize my station.
Jun 10	Paul Clay N7EKY will be giving a Tech Talk on Wires X on how to configure.
May 13	Don K9NQ water cooled DIY LDMOS Amplifier
Apr 8	Bob KC9RF will give on online demo of Web SDR
Mar 11	Roger Schutt KD9EPX Propagation for HF, 6 meters the magic Band and VHF/UHF.
Feb 12	Dave Stott (N9DBS) get started contesting.
Jan 8	Paul Clay (N7EKY) Building and implementing a Hot Spot (MMDVM).

2020	Description
Oct 14	Bob KC9RF will be giving a talk on RTL-SDR. What is it? and how does it work.
Jun 10	Paul Clay N7EKY will be giving a Tech Talk on Wires X on how to configure.
May 13	Don K9NQ water cooled 1KW DIY built LDMOS Amplifier.
Apr 8	Bob KC9RF will give on online demo of Web SDR.

Mar 11	Roger Schutt KD9EPX Propagation for HF, 6 meters the magic Band and VHF/UHF.
Feb 12	Dave Stott (N9DBS) get started contesting.
Jan 8	Paul Clay (N7EKY) Building and implementing a Hot Spot (MMDVM)

2019	Description
Dec 10	KC9RF November follow up of remote station. How to reset & recover from software/hardware problems.
Nov 13	KC9RF Demo the use of a Raspberry PI remotely connecting to a Rotor, Amp. and a ICOM 7300 at his home station.
Oct 9	N7EKY using the Raspberry PI (a very Small But powerful computer for Ham Radio applications.
Sept 11	Phil Hejtmanek KF9US--demos the use of a spectrum analyzer with tracking generator to tune stubs for interference reduction and examine/adjust filter performance.
Aug 14	Scott , W9JU will update the club on (SATURN) Salvation Army Team Emergency Radio Network Activities.
Jul 10	Bob KC9RF- Presentation on WSPR (weak Signal Propagation Reporter.
Jun 12	Bob, KC9RF will present what he learned at Dayton Ham fest with current trends in Amateur Radio.
May 8	Northland Pines ARC Equipment Auction in place of tech talk.
Apr 27	10:00am at the business Incubator Enterprise drive Eagle River. Digital audio for DMR, C4FM and Dstar demo and configuration by Paul N7EKY.
Apr 10	Mike Niles KA9RAB will lead a discussion on how to put a Repeater on emergency power.
Mar 13	Michael Martens (KB9VBR) Will make a presentation on DMR. Mike is a very knowledgeable HAM in many areas, including digital voice. He owns his own antenna company. Maybe you have seen his Jpole antennas on Ebay.

