

## 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

| <b>2024</b> | <b>Description</b>   |
|-------------|--|
| 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                           |
|             |  |

| <b>2023</b> | <b>Description</b>   |
|-------------|--|
| 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.                                  |

| <b>2022</b> | <b>Description</b>   |
|-------------|--|
| 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                                     |
|             |  |

| <b>2021</b> | <b>Description</b>   |
|-------------|--|
| 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).              |
|             |  |

| <b>2020</b> | <b>Description</b>  |
|-------------|---|
| 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. |