



**SATURDAY
FEBRUARY 25, 2023**

LIST OF PRESENTATIONS

Revision 1.0 - 2/20/23

PICKING A MICROPROCESSOR: AVOIDING TOO AND AVOIDING TOO MUCH - LEE BOLINEAU KX4TT.

Lee will discuss about picking the right microprocessor for a task. Lee will approach this from the standpoint of ergonomics. The idea will be to pick the device that does the job, avoids task inflation, and designs from an ergonomic standpoint.

OVERVIEW OF THE QDX TRANSCEIVER - DAVE BIRNBAUM K2LYV.

What is NXDN? Paul will explain what NXDN is and on how to get started, what you can do with NXDN and an overview of the NXDN infrastructure here in the ARRL West Central Florida Section.

INTRODUCTION TO THE RASPBERRY PI PICO - DARRELL DAVIS KT4WX.

Darrell Davis KT4WX will show you what the Raspberry PI is and a basic overview of the Raspberry PI and products currently available. At the end of the presentation, you will be shown how to get a distribution of Raspbian Linux up and running on the Rapsberry PI for the first time.

MICROCONTROLLER INTERFACE TECHNIQUES - DARRELL DAVIS KT4WX.

Darrell will explain the basic techniques for interfacing different kinds of devices to a microcontroller. This presentation will not focus on any any particular microcontroller but microcontrollers in general.

OVERVIEW OF THE SBITX TRANSCEIVER - GORDON GIBBY KX4Z.

Gordon will give an overview of the sBITX Transceiver, an HF Software Designed Radio than one can do experiments with, designed by the designer of the uBITX transceiver.

INTRODUCTION TO MAKING YOUR OWN PRINTED CIRCUIT BOARDS - GORDON GIBBY KX4Z.

Gordon will show you a different way to make your own printed circuit boards that you may have done in the past.



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INTRODUCTION TO THE INTERNET OF THINGS - JON PELLANT W1JP.

Jon will introduce the concept of the "Internet of Things", what it is and what it does, and will do a basic demonstration of an Internet of Things based device.

ADVANCED INTERNET OF THINGS TOPICS - JON PELLANT W1JP.

Now having explained the concept of the "Internet of Things" in his previous presentation, Jon will get into the details on how an "Internet of Things" device works.

INTRODUCTION TO NXDN - PAUL TOTH NB9X.

What is NXDN? Paul will explain what NXDN is and on how to get started, what you can do with NXDN and an overview of the NXDN infrastructure here in the ARRL West Central Florida Section.

ADVANCED NXDN TOPICS - PAUL TOTH NB9X.

Building upon his "Introduction to NXDN" Presentation, Paul will focus on radio programming, differences between various NXDN radios (portable and mobile), and how to prepare for using NXDN for emergency communications.

LIGHTNING TALKS.

In this time slot, we will take volunteers from the audience who wish to do a five to fifteen minute presentation on a topic. The presenter does not have to have any handouts or visual presentations. This can be to talk about a project engaged in, an idea that they would like to propose, etc.