

Oregon Institute of Technology

Portland-Metro IEEE Student Branch



Overview

- 2019 Summary
 - Events
 - Student involvement
- 2020 Plans
 - Responsibilities
 - Student body support

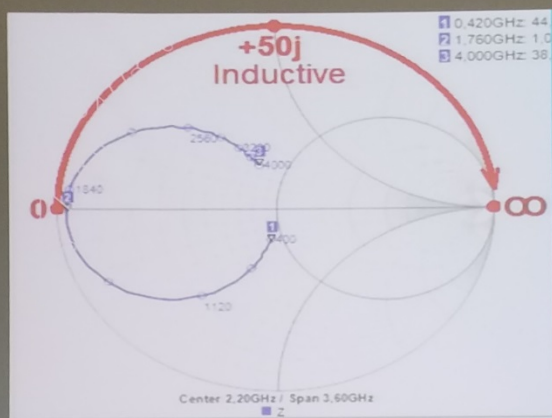
Seminar on Vector Network Analyzers (VNAs)



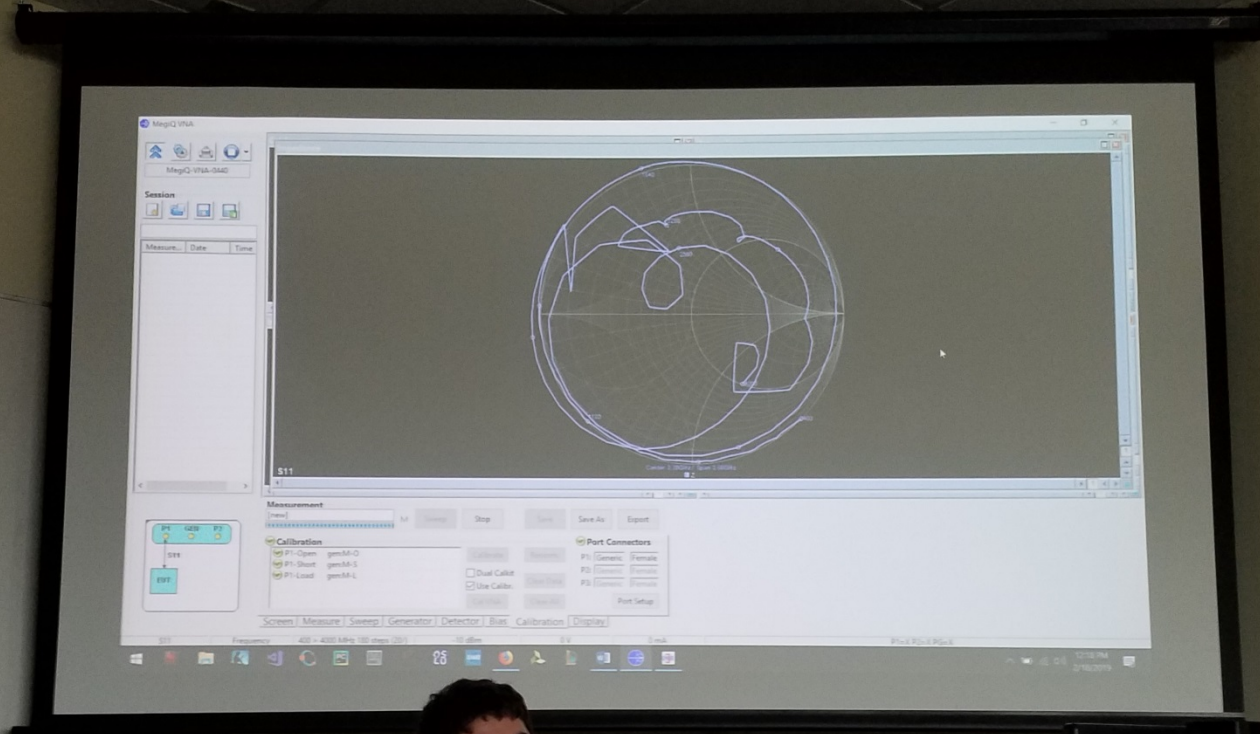
**Monday, February 18th
10:30 AM to 12:30 PM – Room 404**

- Learn about VNA applications (like circuit component and antenna measurement, return loss, impedance matching), designing and optimizing transmission lines and filters
- Relevant to anyone studying/interested in radio-frequency engineering or EE students
- Live calibration and demonstration of equipment, bring your own circuits in to test!





- The top circle is inductive from 0 to +50johms to infinite.



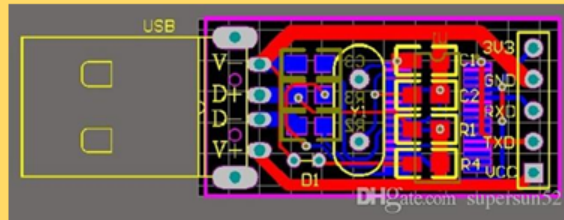
How USB Came to Be

Wednesday, February 20th
4:00 PM to 5:00 PM – Room 124

You probably use USB connectors every day, but have you ever wondered how they work, or how they became so commonplace?

Join guest speaker Steve McGowan, former Intel employee, to hear about his involvement developing USB technology over the past 23 years

This event is free for all OIT students, and food is provided courtesy of the IEEE club





RetroPie

Building a Retro Gaming Console

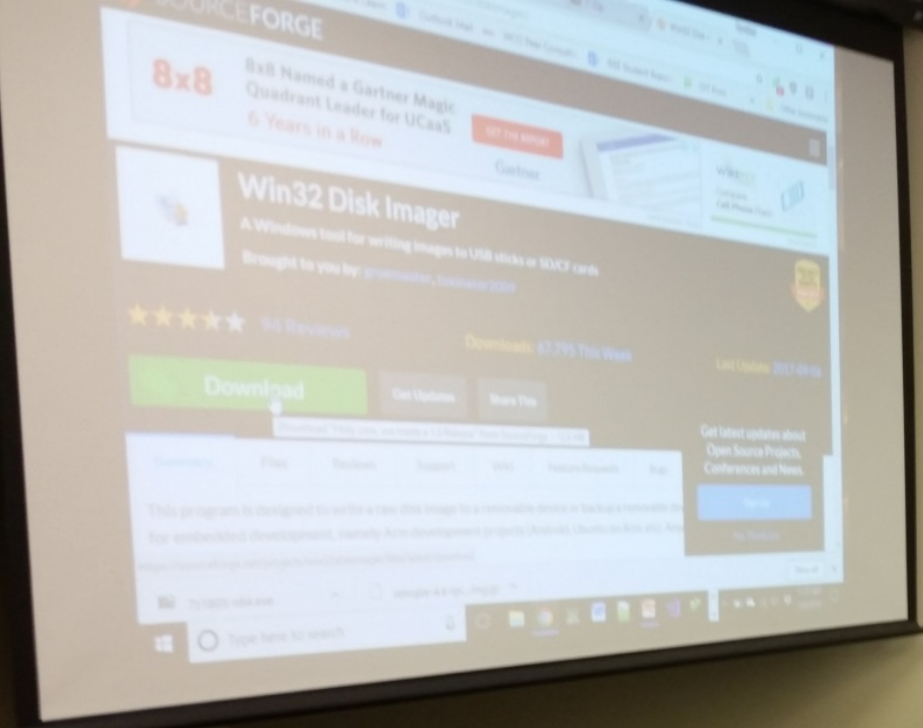


Oregon **TECH**
Wilsonville
IEEE

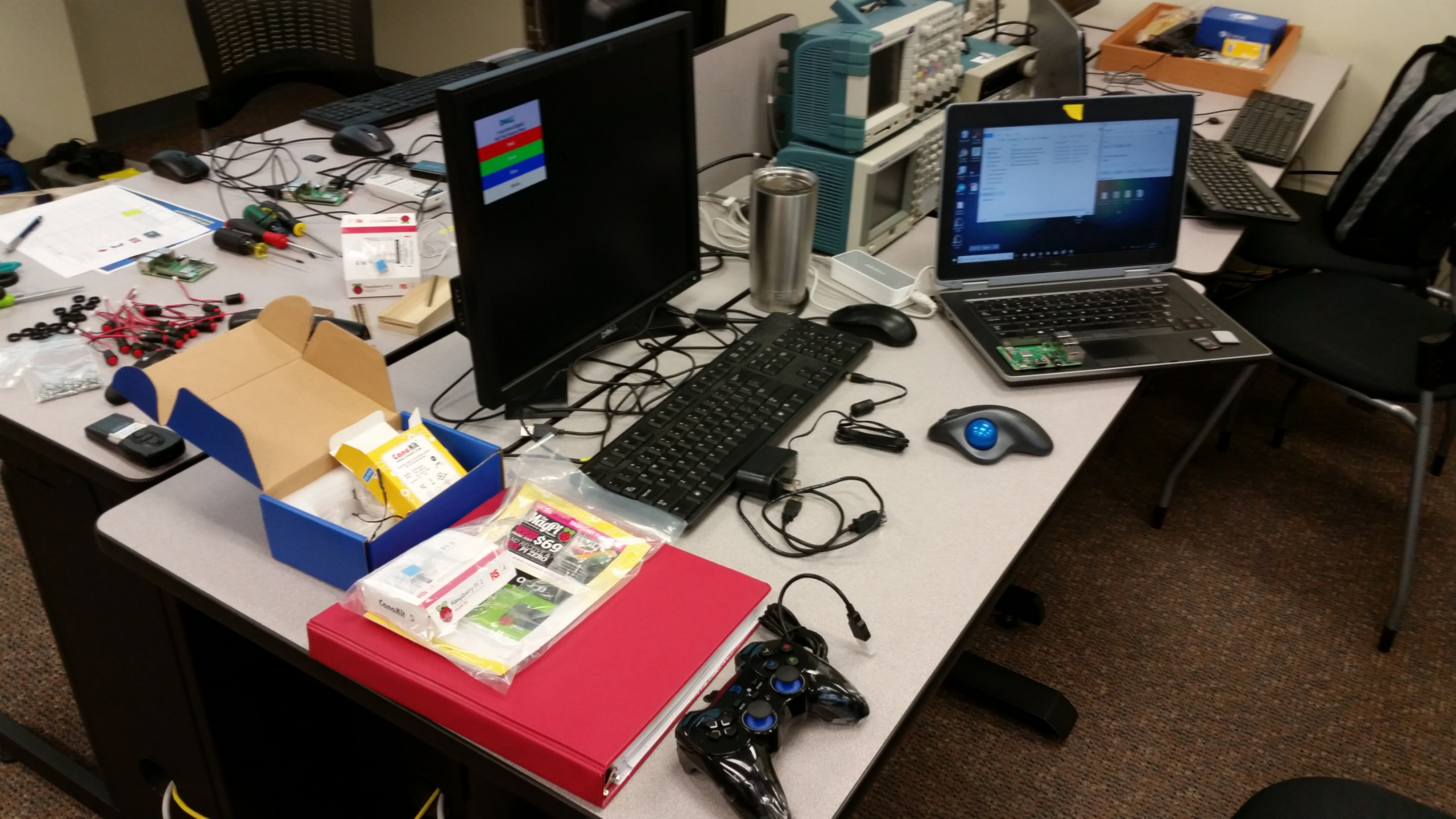


Tue. 6-9pm 2/26/19 or Wed. 12-3pm 2/27/19
Preorder kit at Cashier's Office between 2/7 and 2/18!
Become an IEEE member to get \$20 off! (Join at ieee.org)
First 3 students to order get IEEE member sponsorship!
Signup deadline: 2/18/19

Contact:
Maxwell.Schmidt@oit.edu







Ongoing Winter 2020

- Continuing role development
 - Lead Event Coordinator
 - Marketing Manager
- Continuing to sell kits for advanced microcontrollers
 - Other engineering kits in future

First Half of Winter 2020

- Week 1
 - First Meeting (Position Creation)
- Week 2
 - Club Award
- Week 3
 - Soldering Workshop
- Week 4
 - Mandelbrot Presentation
- Week 5
 - Midterms Sponsor

Second Half of Winter 2020

- Week 6
 - LAM Research Tour
- Week 7
 - Oscilloscope Workshop
- Week 8
 - Fundraiser
- Week 9
 - Digital Multimeter Workshop
- Week 10
 - Finals Sponsor

Ongoing Activities

- Plan for spring term
 - Tours, Presentations
 - Workshops
- Plan for summer term
 - Social events
 - Fewer but more involved workshops
- Plan for active 2020-2021 school year

How the Section can Help

- Continued contact
 - Access to resources
 - Walkthroughs
- Suggested contacts and/or events
- Ideas for improvement