
Presenter(s): Adam McCombs

Talk ID:
13839
td-am-1

Talk Title: Santa Cruz to Seattle With 2 1/2 Tons of Electron Microscope: A How To

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 0:30:00 **End -5m:** 4:25 pm **End:** 4:30 pm

-] Have a water bottle for ready for the presenter
 -] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 -] Check that HDMI is plugged into the presenter's laptop
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 -] Ask the presenter if they would like time warnings, and if so, when they would like them
-
-] When the presenter is ready, un-mute the microphone
 -] Make any special announcements (eg. Audience defrag, events later in the day)
 -] Hit the Big Red Button. (On = recording starts)
 -] Introduce the presenter(s) and the talk

Presenter(s): Jake Janovetz

Talk ID:
13840
td-jj-1

Talk Title: PLM: Hardware's Source Control Management

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 0:30:00 **End -5m:** 4:55 pm **End:** 5:00 pm

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Presenter(s): Ken Olsen

Talk ID:
13841
td-ko-1

Talk Title: Beginner Circuit Board Design with KiCad

5 min pre: 4:55 pm **Talk Start:** 5:00 pm **Length:** 1:00:00 **End -5m:** 5:55 pm **End:** 6:00 pm

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Presenter(s): Andrew Greenberg

Talk ID:
13835
td-m-ag

Talk Title: Open Source Space: What's happening, including OreSat, Oregon's first CubeSat

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 1:00:00 **End -5m:** 9:55 am **End:** 10:00 am

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Presenter(s): Andrew "Bunnie" Huang

Talk ID:
13834
td-m-ah

Talk Title: Bunnie's Keynote

5 min pre: 12:55 pm **Talk Start:** 1:00 pm **Length:** 1:00:00 **End -5m:** 1:55 pm **End:** 2:00 pm

- [] Have a water bottle for ready for the presenter
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- [] Introduce the presenter(s) and the talk

Presenter(s): Danny Webster

Talk ID:
13815
td-dw-1

Talk Title: Applications of the Software Defined Radio

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 1:00:00 **End -5m:** 10:55 am **End:** 11:00 am

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Presenter(s): Jacob Creedon

Talk ID:
13817
td-jc-1

Talk Title: Embedded Hardware Development with Rust

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 0:30:00 **End -5m:** 11:25 am **End:** 11:30 am

- Have a water bottle for ready for the presenter
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Presenter(s): Ben Purdy

Talk ID:
13814
td-bp-1

Talk Title: Bits to Atoms, the making of 'Be Still, My Low Poly Heart'

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 0:30:00 **End -5m:** 11:55 am **End:** 12:00 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - Introduce the presenter(s) and the talk

Presenter(s): Jay Margalus

Talk ID:
13820
td-jm-1

Talk Title: Creating Conference Badges

5 min pre: 1:55 pm **Talk Start:** 2:00 pm **Length:** 0:30:00 **End -5m:** 2:25 pm **End:** 2:30 pm

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Presenter(s): Karl Anderson

Talk ID:
13821
td-ka-1

Talk Title: Futel: A Technology So Advanced We Leave It Out On The Street All Night

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 0:30:00 **End -5m:** 2:55 pm **End:** 3:00 pm

- Have a water bottle for ready for the presenter
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Presenter(s): Andy LaFrazia

Talk ID:
13810
td-al-1

Talk Title: DFM with your CM: How to save time and money

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 0:30:00 **End -5m:** 3:25 pm **End:** 3:30 pm

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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Bryan Costanich

Talk ID:
13813
td-bc-1

Talk Title: Hacking Appliances and Prototyping Next-generation Technology and Netduino and Xamarin

5 min pre: 3:25 pm **Talk Start:** 3:30 pm **Length:** 0:30:00 **End -5m:** 3:55 pm **End:** 4:00 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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Presenter(s): Zach Archer

Talk ID:
13823
td-za-1

Talk Title: Programming for the Eye: Understanding Graphics and Light

5 min pre: 4:10 pm **Talk Start:** 4:15 pm **Length:** 1:00:00 **End -5m:** 5:10 pm **End:** 5:15 pm

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Presenter(s): Tim 'mithro' Ansell

Talk ID:

13822

td-ta-1

Talk Title: Eating Rabbits: A guide to using Python to conquer FPGA video systems

5 min pre: 5:10 pm **Talk Start:** 5:15 pm **Length:** 1:00:00 **End -5m:** 6:10 pm **End:** 6:15 pm

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Presenter(s): Alexander Dick

Talk ID:
13824
td-ad-1

Talk Title: Proto-pasta Filament: How hardware access fuels material innovation

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 1:00:00 **End -5m:** 10:55 am **End:** 11:00 am

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Presenter(s): Asaad Kaadan

Talk ID:
13827
td-ak-1

Talk Title: Hexabitz: Modularity from Nature to Electronics

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 0:30:00 **End -5m:** 11:25 am **End:** 11:30 am

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- [] Introduce the presenter(s) and the talk

Presenter(s): Josh Lifton

Talk ID:
13829
td-jl-1

Talk Title: Open Pitch Sessions

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 0:30:00 **End -5m:** 11:55 am **End:** 12:00 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Andrew Greenberg

Talk ID:
13825
td-ag-1

Talk Title: Standard Operating Procedures (SOPs) for Open Source Electronics

5 min pre: 1:55 pm **Talk Start:** 2:00 pm **Length:** 0:30:00 **End -5m:** 2:25 pm **End:** 2:30 pm

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Presenter(s): Stephano Cetola

Talk ID:
13830
td-sc-1

Talk Title: Transforming New Product Development with Open Hardware

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 0:30:00 **End -5m:** 2:55 pm **End:** 3:00 pm

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Presenter(s): Neils Nesse

Talk ID:
13832
td-nn-1

Talk Title: Signet: An implementation walkthrough, hacking possibilities, and future development

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 0:30:00 **End -5m:** 3:25 pm **End:** 3:30 pm

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Presenter(s): Andrew Greenberg

Talk ID:
13826
td-ag-2

Talk Title: Making Open Source Schematics Not Suck

5 min pre: 3:25 pm **Talk Start:** 3:30 pm **Length:** 0:30:00 **End -5m:** 3:55 pm **End:** 4:00 pm

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Presenter(s): Kevin Schneider

Talk ID:
13831
td-ks-1

Talk Title: Quick Enclosure Design with Fusion 360

5 min pre: 4:10 pm **Talk Start:** 4:15 pm **Length:** 1:00:00 **End -5m:** 5:10 pm **End:** 5:15 pm

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Presenter(s): Andrew Sowa

Talk ID:
13828
td-as-1

Talk Title: Kicad: Designing With Complex Shapes

5 min pre: 5:10 pm **Talk Start:** 5:15 pm **Length:** 1:00:00 **End -5m:** 6:10 pm **End:** 6:15 pm

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-] Introduce the presenter(s) and the talk

Presenter(s): Joe FitzPatrick

Talk ID:
13837
td-m-jf

Talk Title: How to Think About Security for Your Hardware Project

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 0:30:00 **End -5m:** 9:25 am **End:** 9:30 am

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Presenter(s): Nik Lyons & Chris Berge

Talk ID:
13838
td-m-nl-cb

Talk Title: Dr. Frankendrive or How I Learned to Stop Worrying and Recover Data

5 min pre: 9:25 am **Talk Start:** 9:30 am **Length:** 0:30:00 **End -5m:** 9:55 am **End:** 10:00 am

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- [] Introduce the presenter(s) and the talk

Presenter(s): Chau Doan

Talk ID:
13807
td-cd-1

Talk Title: Firmware: Hardware's sneaky passenger

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 0:30:00 **End -5m:** 10:25 am **End:** 10:30 am

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Presenter(s): Nadya Peek

Talk ID:
13809
td-np-1

Talk Title: How to build a BOM: Sourcing and open source

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 0:30:00 **End -5m:** 10:55 am **End:** 11:00 am

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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): George Mandis

Talk ID:

13808

Talk Title: More Than Music with MIDI, Tiny Computers & JavaScript

td-gm-1

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 1:00:00 **End -5m:** 11:55 am **End:** 12:00 pm

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-] Ask the presenter if they would like time warnings, and if so, when they would like them

-] When the presenter is ready, un-mute the microphone
-] Make any special announcements (eg. Audience defrag, events later in the day)
-] Hit the Big Red Button. (On = recording starts)
-] Introduce the presenter(s) and the talk

Presenter(s): Crowd Supply Staff

Talk ID:
13836
td-m-ji

Talk Title: State of the Crowd

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 1:00:00 **End -5m:** 3:55 pm **End:** 4:00 pm

-] Have a water bottle for ready for the presenter
-] Ensure presenter has microphone and completed sound check (if not, poke AV team)
-] Check that HDMI is plugged into the presenter's laptop
-] Ensure presenter's display appears on the projector and confidence monitors
-] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
-] Ask the presenter how they would like to be introduced and how to pronounce their name
-] Ask the presenter if they would like time warnings, and if so, when they would like them

-] When the presenter is ready, un-mute the microphone
-] Make any special announcements (eg. Audience defrag, events later in the day)
-] Hit the Big Red Button. (On = recording starts)
-] Introduce the presenter(s) and the talk

Presenter(s): Joe Grand

Talk ID:
13818
td-jg-1

Talk Title: Searching for the Light: Using OpticSpy to Receive Optical Transmissions

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 0:30:00 **End -5m:** 10:25 am **End:** 10:30 am

- [] Have a water bottle for ready for the presenter
- [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
- [] Check that HDMI is plugged into the presenter's laptop
- [] Ensure presenter's display appears on the projector and confidence monitors
- [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
- [] Ask the presenter how they would like to be introduced and how to pronounce their name
- [] Ask the presenter if they would like time warnings, and if so, when they would like them

- [] When the presenter is ready, un-mute the microphone
- [] Make any special announcements (eg. Audience defrag, events later in the day)
- [] Hit the Big Red Button. (On = recording starts)
- [] Introduce the presenter(s) and the talk

Presenter(s): Greg Peek

Talk ID:
13816
td-gp-1

Talk Title: How to Make Your Own Designs Hackable

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 0:30:00 **End -5m:** 10:55 am **End:** 11:00 am

- [] Have a water bottle for ready for the presenter
- [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
- [] Check that HDMI is plugged into the presenter's laptop
- [] Ensure presenter's display appears on the projector and confidence monitors
- [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
- [] Ask the presenter how they would like to be introduced and how to pronounce their name
- [] Ask the presenter if they would like time warnings, and if so, when they would like them

- [] When the presenter is ready, un-mute the microphone
- [] Make any special announcements (eg. Audience defrag, events later in the day)
- [] Hit the Big Red Button. (On = recording starts)
- [] Introduce the presenter(s) and the talk

Presenter(s): Alvaro Prieto

Talk ID:
13811
td-ap-1

Talk Title: Learning Electronics and Software - the Cheesey Way

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 0:30:00 **End -5m:** 11:25 am **End:** 11:30 am

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
 - [] Ask the presenter if they would like time warnings, and if so, when they would like them
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- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Ashwin K Whitchurch

Talk ID:
13812
td-aw-1

Talk Title: Hacking health: Open source hardware and medical devices

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 0:30:00 **End -5m:** 11:55 am **End:** 12:00 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
 - [] Ask the presenter if they would like time warnings, and if so, when they would like them
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- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Jeremy Hong

Talk ID:
13819
td-jh-1

Talk Title: Design and Reverse Engineering: Playing on both sides of the field

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 0:30:00 **End -5m:** 2:55 pm **End:** 3:00 pm

-] Have a water bottle for ready for the presenter
 -] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 -] Check that HDMI is plugged into the presenter's laptop
 -] Ensure presenter's display appears on the projector and confidence monitors
 -] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 -] Ask the presenter how they would like to be introduced and how to pronounce their name
 -] Ask the presenter if they would like time warnings, and if so, when they would like them
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-] When the presenter is ready, un-mute the microphone
 -] Make any special announcements (eg. Audience defrag, events later in the day)
 -] Hit the Big Red Button. (On = recording starts)
 -] Introduce the presenter(s) and the talk