
Presenter(s): Chris Gammell

Talk ID:
14793
38

Talk Title: Welcome To KiCon 2019

5 min pre: 9:25 am **Talk Start:** 9:30 am **Length:** 00:45:00 **End -5m:** 10:10 am **End:** 10:15 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
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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): Dave Vandebout

Talk ID:
14765
10

Talk Title: Schematics: The Hero of Electronics Design

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:45:00 **End -5m:** 10:40 am **End:** 10:45 am

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

Presenter(s): Blake Ramsdell

Talk ID:
14760
5

Talk Title: Programmatic Generation Of Symbols And Footprints

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

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

Presenter(s): Eric Kuzmenko

Talk ID:
14769
14

Talk Title: Designing a Smartphone Dev Kit

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

- Have a water bottle for ready for the presenter
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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Tishampati Dhar

Talk ID:
14789

Talk Title: MCAD + ECAD For DIN Rail Energy Monitors

34

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 00:25:00 **End -5m:** 11:50 am **End:** 11:55 am

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

Presenter(s): Greg Davill

Talk ID:
14770

Talk Title: Rendering to Reality

15

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:45:00 **End -5m:** 12:40 pm **End:** 12:45 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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-
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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Craig Bishop

Talk ID:
14762

7

Talk Title: Why Auto-routers Suck, And How To Use Them Anyway

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

- [] Have a water bottle for ready for the presenter
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Darrell Harmon

Talk ID:
14764

9

Talk Title: Microwave Design with KiCad

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:15:00 **End -5m:** 2:40 pm **End:** 2:45 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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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Daniel Hienzsch

Talk ID:
14763
8

Talk Title: KiCad PCB Design for Rapid Prototyping

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 00:35:00 **End -5m:** 3:30 pm **End:** 3:35 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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 - [] 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): Jon Evans

Talk ID:
14773
18

Talk Title: From User to Developer: How to Start Hacking on KiCad

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

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

Presenter(s): Seth Hillbrand

Talk ID:

14785

30

Talk Title: Effective RF And Microwave Design With KiCad

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

Talk ID:

14792

37

Talk Title: State Of KiCad - V5.1 And Beyond!

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

- Have a water bottle for ready for the presenter
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 - 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): KiCad Developers

Talk ID:
14794

Talk Title: KiCad Developer Panel At KiCon 2019

39

5 min pre: 5:25 pm **Talk Start:** 5:30 pm **Length:** 00:45:00 **End -5m:** 6:10 pm **End:** 6:15 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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-] Hit the Big Red Button. (On = recording starts)
-] Introduce the presenter(s) and the talk

Presenter(s): Dmitry Zhgenti

Talk ID:
14766
11

Talk Title: Version Control And Collaboration On PCB Design Projects

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

- Have a water bottle for ready for the presenter
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 - 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): Ben Hibben

Talk ID:
14759
4

Talk Title: Tips For Designing And Teaching Soldering Kits For Beginners

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 00:35:00 **End -5m:** 11:30 am **End:** 11:35 am

- Have a water bottle for ready for the presenter
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 - 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): Kerry Scharfglass

Talk ID:
14774

Talk Title: Alternative User Interfaces for KiCad

19

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 00:45:00 **End -5m:** 12:10 pm **End:** 12:15 pm

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

Presenter(s): Patrick Franken

Talk ID:
14780

Talk Title: Let Your KiCad Project Become Reality

25

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:35:00 **End -5m:** 12:30 pm **End:** 12:35 pm

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

Presenter(s): Reid Landsrud

Talk ID:
14782

Talk Title: Digi-Key KiCad Library

27

5 min pre: 1:55 pm **Talk Start:** 2:00 pm **Length:** 00:35:00 **End -5m:** 2:30 pm **End:** 2:35 pm

- Have a water bottle for ready for the presenter
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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Anool Mahidharia

Talk ID:
14757

Talk Title: Fast 3D Model Creation Using FreeCAD

2

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:45:00 **End -5m:** 3:10 pm **End:** 3:15 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Seth Hillbrand

Talk ID:

14784

29

Talk Title: Improving Design Outcomes In KiCad With Diversity And Inclusion Principles

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 00:20:00 **End -5m:** 3:15 pm **End:** 3:20 pm

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

Presenter(s): Mihir Shah

Talk ID:

14778

23

Talk Title: Avoid Re-Spins! Designing PCBs in the Age of Prototyping ...

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:45:00 **End -5m:** 4:40 pm **End:** 4:45 pm

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

Presenter(s): Samuel Rustan

Talk ID:

14783

28

Talk Title: New Year's Resolution: A KiCad Project

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:20:00 **End -5m:** 4:45 pm **End:** 4:50 pm

-] Have a water bottle for ready for the presenter
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Presenter(s): Michael Ossmann

Talk ID:
14777

Talk Title: Cautionary Tales From The History Of Secrecy

22

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:45:00 **End -5m:** 10:40 am **End:** 10:45 am

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

Presenter(s): Manufacturers

Talk ID:
14795

Talk Title: Manufacturer Panel At KiCon 2019

40

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:45:00 **End -5m:** 11:10 am **End:** 11:15 am

- [] Have a water bottle for ready for the presenter
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Uriel guy

Talk ID:
14791
36

Talk Title: KiCadSharp - A C# wrapper For KiCad

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

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-] Introduce the presenter(s) and the talk

Presenter(s): Barry Buelow

Talk ID:
14758
3

Talk Title: Using KiCad And A Neoden 4 Pick-n-Place

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 00:15:00 **End -5m:** 11:40 am **End:** 11:45 am

-] Have a water bottle for ready for the presenter
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-] When the presenter is ready, un-mute the microphone
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-] Hit the Big Red Button. (On = recording starts)
-] Introduce the presenter(s) and the talk

Presenter(s): Andrey Shmakov

Talk ID:
14756
1

Talk Title: PCBOps : Applying CI/CD To PCB Design Projects

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:25:00 **End -5m:** 12:20 pm **End:** 12:25 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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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Shawn Hymel

Talk ID:
14786
31

Talk Title: Tips For Making, Marketing, And Selling Your Hardware With Free Or Open Source Tools

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

- [] Have a water bottle for ready for the presenter
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Stephan Kulov

Talk ID:
14787

Talk Title: Simulating Your KiCad Circuits With Various SPICEs

32

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:35:00 **End -5m:** 3:00 pm **End:** 3:05 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): Eduardo Contreras

Talk ID:
14787

Talk Title: Designing With A Decentralized Group

12

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 00:20:00 **End -5m:** 3:15 pm **End:** 3:20 pm

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

Presenter(s): Piotr Esden-Tempski

Talk ID:
14781
26

Talk Title: From Idea To Production: Using KiCad For Open Source Hardware Design And...

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:35:00 **End -5m:** 4:30 pm **End:** 4:35 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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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Jesse Vincent

Talk ID:
14772
17

Talk Title: Automating Fabrication Outputs With KiCad And Git.

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:25:00 **End -5m:** 4:50 pm **End:** 4:55 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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-
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 - [] 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): Maciej Suminski

Talk ID:
14776
21

Talk Title: The Python Whisperer Guide

5 min pre: 4:55 pm **Talk Start:** 5:00 pm **Length:** 00:25:00 **End -5m:** 5:20 pm **End:** 5:25 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): Workflow experts

Talk ID:
14796
41

Talk Title: Workflow Panel At KiCon 2019

5 min pre: 5:25 pm **Talk Start:** 5:30 pm **Length:** 00:45:00 **End -5m:** 6:10 pm **End:** 6:15 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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-
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 - [] 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): Chris Gammell

Talk ID:
14797

Talk Title: Closing remarks For KiCon 2019

42

5 min pre: 5:55 pm **Talk Start:** 6:00 pm **Length:** 00:45:00 **End -5m:** 6:40 pm **End:** 6:45 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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-] 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): Chris Denney

Talk ID:
14761
6

Talk Title: Your Manufacturer Is Stupid - Help Them

5 min pre: 10:55 am **Talk Start:** 11:00 am **Length:** 00:20:00 **End -5m:** 11:15 am **End:** 11:20 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
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-] 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): Morgan Allen

Talk ID:
14779
24

Talk Title: Stacking Up With (Free|Ki)Cad

5 min pre: 11:25 am **Talk Start:** 11:30 am **Length:** 00:30:00 **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
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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): Elizabeth Bustamante

Talk ID:
14768

Talk Title: The Top 5 Footprint Mistakes That Even Professional Engineers Make

13

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:45:00 **End -5m:** 12:40 pm **End:** 12:45 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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-
- [] 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): Louisa Bisio

Talk ID:
14775

Talk Title: Manufacturing The Open Source Desktop Computer

20

5 min pre: 1:55 pm **Talk Start:** 2:00 pm **Length:** 00:45:00 **End -5m:** 2:40 pm **End:** 2:45 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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- [] 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): Tishampati Dhar

Talk ID:
14790
35

Talk Title: Making PCB Protos In Kenya

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:15:00 **End -5m:** 2:40 pm **End:** 2:45 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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- [] 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): Steve Mayze

Talk ID:
14788
33

Talk Title: KiCad In Action: A Case Study for Stairwell Lighting

5 min pre: 2:55 pm **Talk Start:** 3:00 pm **Length:** 00:25:00 **End -5m:** 3:20 pm **End:** 3:25 pm

- [] Have a water bottle for ready for the presenter
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- [] Hit the Big Red Button. (On = recording starts)
- [] Introduce the presenter(s) and the talk

Presenter(s): James Lewis

Talk ID:
14771

Talk Title: Preserving History With KiCad

16

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:30:00 **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)
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-] Introduce the presenter(s) and the talk