

---

**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
  - 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):** 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
  - 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):** 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
  - 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):** 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
  - 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):** 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)
  - 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 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)
  - 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):** 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
  - [ ] 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):** 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)
  - [ ] 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):** 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)
  - [ ] 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):** 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
  - [ ] 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):** 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)
  - [ ] 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):** 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
  - [ ] 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):** KiCad Developers

Talk ID:

14794

39

**Talk Title:** KiCad Developer 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
- ] 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):** 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
  - 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):** 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
  - 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):** 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
  - [ ] 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):** 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
  - [ ] 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):** 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
- [ ] 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):** 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

- [ ] 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):** 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

- [ ] 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):** 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

- [ ] 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):** 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
- ] 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):** 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

- [ ] 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):** 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
  - [ ] 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):** Uriel guy

Talk ID:  
14791

**Talk Title:** KiCadSharp - A C# wrapper For KiCad

36

**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
  - 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):** Barry Buelow

Talk ID:  
14758

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

3

**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
  - 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):** 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)
- [ ] 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):** 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
- [ ] 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):** Stephan Kulov

Talk ID:  
14787  
32

**Talk Title:** Simulating Your KiCad Circuits With Various SPICEs

**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  
12

**Talk Title:** Designing With A Decentralized Group

**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
  - [ ] 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):** Piotr Esden-Tempski

Talk ID:  
14781

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

26

**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)
  - ] 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):** Jesse Vincent

Talk ID:  
14772

**Talk Title:** Automating Fabrication Outputs With KiCad And Git.

17

**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)
  - ] 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):** 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)
  - [ ] 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):** 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
  - [ ] 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):** 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
- ] 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):** Chris Denney

Talk ID:  
14761

**Talk Title:** Your Manufacturer Is Stupid - Help Them

6

**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
- [ ] 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):** Morgan Allen

Talk ID:  
14779

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

24

**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
- [ ] 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):** 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
  - [ ] 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):** 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)
  - [ ] 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):** 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)
- [ ] 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):** 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
- [ ] 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):** 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)
- ] 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