

---

**Presenter(s):** Alan McCulloch

Talk ID:  
11430  
68

**Talk Title:** Some 10,000ft views of DNA Sequence Data using Python and R

**5 min pre:** 10:55 am **Talk Start:** 11:00 am **Length:** 40:00 **End -5m:** 11:35 am **End:** 11:40 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):** Tomislav Skunca

Talk ID:  
11434  
70

**Talk Title:** Auckland Transport APIs

**5 min pre:** 11:45 am **Talk Start:** 11:50 am **Length:** 40:00 **End -5m:** 12:25 pm **End:** 12:30 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):** Lingxian Kong

Talk ID:  
11443  
72

**Talk Title:** Use Workflow-as-a-Service without writing python code

**5 min pre:** 1:25 pm    **Talk Start:** 1:30 pm    **Length:** 40:00    **End -5m:** 2:05 pm    **End:** 2:10 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):** Hamish Kingsbury, Neal Johnston

Talk ID:  
11448  
74

**Talk Title:** Leveraging Python to Automate GIS Processes and Provide Extended Analytical Capabilities

**5 min pre:** 2:15 pm    **Talk Start:** 2:20 pm    **Length:** 40:00    **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
  
- [ ] 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):** Boris Daszuta

Talk ID:  
11454  
80

**Talk Title:** A path to multi(arbitrary)-precision, distributed scientific computation with Python3.

**5 min pre:** 3:25 pm    **Talk Start:** 3:30 pm    **Length:** 40:00    **End -5m:** 4:05 pm    **End:** 4:10 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):** Lee Symes

Talk ID:

11431

**Talk Title:** await kittens()

69

**5 min pre:** 10:55 am **Talk Start:** 11:00 am **Length:** 40:00 **End -5m:** 11:35 am **End:** 11:40 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):** Clinton Roy

Talk ID:

11435

**Talk Title:** More testing with fewer tests

71

**5 min pre:** 11:45 am **Talk Start:** 11:50 am **Length:** 40:00 **End -5m:** 12:25 pm **End:** 12:30 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):** Brenda WallaceTalk ID:  
11442**Talk Title:** Let's put wifi in everything.

73

**5 min pre:** 1:25 pm    **Talk Start:** 1:30 pm    **Length:** 40:00    **End -5m:** 2:05 pm    **End:** 2:10 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):** Alexander HogueTalk ID:  
11449**Talk Title:** Graphing when your Facebook friends are awake

75

**5 min pre:** 2:15 pm    **Talk Start:** 2:20 pm    **Length:** 40:00    **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
  
- [ ] 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):** Robert CollinsTalk ID:  
11455**Talk Title:** Rust for Pythonistas

81

**5 min pre:** 3:25 pm    **Talk Start:** 3:30 pm    **Length:** 40:00    **End -5m:** 4:05 pm    **End:** 4:10 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):** Lucy Bain

Talk ID:  
11424  
61

**Talk Title:** What's holding you back from connecting with others?

**5 min pre:** 9:15 am **Talk Start:** 9:20 am **Length:** 70:00 **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):** Grant Paton-Simpson

Talk ID:  
11457  
78

**Talk Title:** Python Basics Plus

**5 min pre:** 10:55 am **Talk Start:** 11:00 am **Length:** 90:00 **End -5m:** 12:25 pm **End:** 12:30 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):** Lilly RyanTalk ID:  
11441  
79**Talk Title:** Web Development with Python Flask**5 min pre:** 1:25 pm    **Talk Start:** 1:30 pm    **Length:** 160:00    **End -5m:** 4:05 pm    **End:** 4:10 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):** Holger Spill

Talk ID:  
11426  
90

**Talk Title:** Brainstorm your own Artificial Neural Network in Python

**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 40:00 **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):** Tim McNamara

Talk ID:  
11432  
92

**Talk Title:** Making sense of setup.py

**5 min pre:** 11:25 am **Talk Start:** 11:30 am **Length:** 40:00 **End -5m:** 12:05 pm **End:** 12:10 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):** Yuriy AckermannTalk ID:  
11436  
94**Talk Title:** Universal Second Factor authentication, or why 2FA today is wubalubadubdub?**5 min pre:** 1:05 pm    **Talk Start:** 1:10 pm    **Length:** 40:00    **End -5m:** 1:45 pm    **End:** 1:50 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):** Krupesh DesaiTalk ID:  
11445  
96**Talk Title:** PygData : Python in BigData**5 min pre:** 1:55 pm    **Talk Start:** 2:00 pm    **Length:** 40:00    **End -5m:** 2:35 pm    **End:** 2:40 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):** Graham Dumpleton

Talk ID:  
11453  
98

**Talk Title:** Warpdrive, making Python web application deployment magically easy.

**5 min pre:** 3:05 pm    **Talk Start:** 3:10 pm    **Length:** 40:00    **End -5m:** 3:45 pm    **End:** 3:50 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):** Markus HoltermannTalk ID:  
11427**Talk Title:** SSL all the things

91

**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 40:00 **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):** Katie McLaughlinTalk ID:  
11433**Talk Title:** The Power ■■ and Responsibility ■ of Unicode Adoption ■

93

**5 min pre:** 11:25 am **Talk Start:** 11:30 am **Length:** 40:00 **End -5m:** 12:05 pm **End:** 12:10 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):** Ben Shaw

Talk ID:

11439

95

**Talk Title:** Middle-Out Python Development**5 min pre:** 1:05 pm    **Talk Start:** 1:10 pm    **Length:** 40:00    **End -5m:** 1:45 pm    **End:** 1:50 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):** Steve Baker

Talk ID:

11446

97

**Talk Title:** Making randomly generated guitar effect patches that don't sound terrible**5 min pre:** 1:55 pm    **Talk Start:** 2:00 pm    **Length:** 40:00    **End -5m:** 2:35 pm    **End:** 2:40 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):** Grant Paton-Simpson

Talk ID:

11450

99

**Talk Title:** Practical Python Async for Dummies

**5 min pre:** 3:05 pm    **Talk Start:** 3:10 pm    **Length:** 40:00    **End -5m:** 3:45 pm    **End:** 3:50 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):** Janet Toland

Talk ID:  
11422  
83

**Talk Title:** Ethics in the early days: politics and the computing profession

**5 min pre:** 8:55 am **Talk Start:** 9:00 am **Length:** 70:00 **End -5m:** 10:05 am **End:** 10:10 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):** Bayard Randel

Talk ID:  
11428  
84

**Talk Title:** Workshop - Young Coders - Educators

**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 90:00 **End -5m:** 12:05 pm **End:** 12:10 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):** Paul CampbellTalk ID:  
11438  
85**Talk Title:** Hardware Hacking with Python for Beginners**5 min pre:** 1:05 pm    **Talk Start:** 1:10 pm    **Length:** 160:00    **End -5m:** 3:45 pm    **End:** 3:50 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):** Lilly RyanTalk ID:  
11456  
119**Talk Title:** Scientific Hooliganism - what we can learn from the first hack in history**5 min pre:** 5:15 pm    **Talk Start:** 5:20 pm    **Length:** 40:00    **End -5m:** 5:55 pm    **End:** 6:00 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):** Alex Dong

Talk ID:  
11429  
103

**Talk Title:** Digital image processing - From atom to pixel and back

**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 40:00 **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):** Jeremy Stott

Talk ID:  
11440  
109

**Talk Title:** Bluetooth Low Energy

**5 min pre:** 1:05 pm **Talk Start:** 1:10 pm **Length:** 40:00 **End -5m:** 1:45 pm **End:** 1:50 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):** Nathan Tallack

Talk ID:  
11447  
111

**Talk Title:** How Python is Powering Software Defined Networking

**5 min pre:** 1:55 pm    **Talk Start:** 2:00 pm    **Length:** 40:00    **End -5m:** 2:35 pm    **End:** 2:40 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):** Ben Sturmfels

Talk ID:  
11451  
114

**Talk Title:** Preventing Cat-astrophes with GNU MediaGoblin

**5 min pre:** 3:05 pm    **Talk Start:** 3:10 pm    **Length:** 40:00    **End -5m:** 3:45 pm    **End:** 3:50 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):** Jack SkinnerTalk ID:  
11425  
104**Talk Title:** Making the web go fast with jelly snakes and raspberry twizzlers**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 40:00 **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):** Christopher NeugebauerTalk ID:  
11437  
110**Talk Title:** Deciding between continuity and change in your Open Source communitiy**5 min pre:** 1:05 pm **Talk Start:** 1:10 pm **Length:** 40:00 **End -5m:** 1:45 pm **End:** 1:50 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):** Dana Garifullina

Talk ID:  
11444

**Talk Title:** Golang for Python Devs

112

**5 min pre:** 1:55 pm    **Talk Start:** 2:00 pm    **Length:** 40:00    **End -5m:** 2:35 pm    **End:** 2:40 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):** Tom Eastman

Talk ID:  
11452

**Talk Title:** The dangerous, exquisite art of safely handling user-uploaded files

115

**5 min pre:** 3:05 pm    **Talk Start:** 3:10 pm    **Length:** 40:00    **End -5m:** 3:45 pm    **End:** 3:50 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):** Barry Warsaw

Talk ID:

11423

**Talk Title:** Tai Chi Principles for Mindful Programmers

101

**5 min pre:** 8:55 am **Talk Start:** 9:00 am **Length:** 70:00 **End -5m:** 10:05 am **End:** 10:10 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