

Presenter(s): Lana Brindley

Talk ID:
15122
137

Talk Title: Facebook, Dynamite, Uber, Bombs, and You

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:50:0 **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
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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): Brett Sheffield

Talk ID:
15142
151

Talk Title: The Internet: Protecting Our Democratic Lifeline

5 min pre: 11:30 am **Talk Start:** 11:35 am **Length:** 0:50:0 **End -5m:** 12:20 pm **End:** 12:25 pm

-] Have a water bottle for ready for the presenter
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Presenter(s): Ruben Rubio Rey

Talk ID:
15179
138

Talk Title: Privacy and Transparency in VPN industry

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:35:0 **End -5m:** 2:00 pm **End:** 2:05 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Ewen McNeill

Talk ID:
15179
152

Talk Title: Authentication Afterlife: the dark side of making lost password recovery harder

5 min pre: 2:00 pm **Talk Start:** 2:05 pm **Length:** 0:35:0 **End -5m:** 2:35 pm **End:** 2:40 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Peter Burnett

Talk ID:

15195

Talk Title: You Shall Not Pass

153

5 min pre: 2:35 pm **Talk Start:** 2:40 pm **Length:** 0:30:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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Presenter(s): Jason C Cohen

Talk ID:

15196

Talk Title: An intro to improving the security of your code with free analysis tools

139

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:50:0 **End -5m:** 4:30 pm **End:** 4:35 pm

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

Presenter(s): William Brown

Talk ID:

15210

154

Talk Title: The Psychology of Multi-Factor Authentication

5 min pre: 4:30 pm **Talk Start:** 4:35 pm **Length:** 0:50:0 **End -5m:** 5:20 pm **End:** 5:25 pm

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Presenter(s): sameer kandarkar

Talk ID:
15141
155

Talk Title: Evolution of Linux Containers to Container Native Storage...

5 min pre: 11:00 am **Talk Start:** 11:05 am **Length:** 0:45:0 **End -5m:** 11:45 am **End:** 11:50 am

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Presenter(s): Steven Ellis

Talk ID:
15158
156

Talk Title: Dynamic Workloads need Dynamic Storage - using rook-ceph with k8s

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 0:25:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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Presenter(s): Aleksa Sarai

Talk ID:

15180

141

Talk Title: OCIV2: Container Images Considered Harmful

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:50:0 **End -5m:** 2:15 pm **End:** 2:20 pm

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

Presenter(s): Ivan Towlson

Talk ID:

15180

157

Talk Title: Kubernetes Developer Workflows in Visual Studio Code

5 min pre: 2:15 pm **Talk Start:** 2:20 pm **Length:** 0:50:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Alex Sharp, Anuj Dhavalikar

Talk ID:
15197
142

Talk Title: The future of the desktop is on hypervisor powered containers

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:35:0 **End -5m:** 4:15 pm **End:** 4:20 pm

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

Presenter(s): Allan Shone

Talk ID:
15221
159

Talk Title: Every Image Has A Purpose

5 min pre: 4:50 pm **Talk Start:** 4:55 pm **Length:** 0:25:0 **End -5m:** 5:15 pm **End:** 5:20 pm

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

Presenter(s): Keith Packard

Talk ID:
15123

Talk Title: Snek: A Python-Inspired Language for Tiny Embedded Computers

1

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **End -5m:** 11:25 am **End:** 11:30 am

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

Presenter(s): Karen Sandler

Talk ID:
15143

Talk Title: I Was Wrong

6

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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

Presenter(s): Alexander Krizhanovsky

Talk ID:
15181

Talk Title: The Linux network stack extension for DDoS mitigation and web security

12

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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

Presenter(s): Marc MERLIN

Talk ID:
15181

Talk Title: Planning for and handling failures from open hardware, aviation, to production at Google

17

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Kees Cook

Talk ID:

15198

23

Talk Title: Control Flow Integrity in the Linux Kernel

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **End -5m:** 4:25 pm **End:** 4:30 pm

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Presenter(s): Josh Simmons

Talk ID:

15211

28

Talk Title: Open Source Citizenship

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **End -5m:** 5:20 pm **End:** 5:25 pm

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Presenter(s): Daniel McCarthy

Talk ID:
15124

Talk Title: From bits to legs to locomotion: Building a hexapod from the ground up

2

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Presenter(s): Daniel Vetter

Talk ID:
15144

Talk Title: Everything Awesome about GPU Drivers

7

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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Presenter(s): Benno Rice

Talk ID:
15182

Talk Title: What UNIX Cost Us

13

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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Presenter(s): Aleksa Sarai

Talk ID:
15182

Talk Title: Securing Container Runtimes -- How Hard Can It Be?

18

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 pm

-] Have a water bottle for ready for the presenter
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Presenter(s): Ann Smith, Myk Dowling

Talk ID:
15199

Talk Title: Open collaborations: leadership succession and leadership success

24

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **End -5m:** 4:25 pm **End:** 4:30 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Hugh Blemings

Talk ID:
15212

Talk Title: Open AND High Performance Computing

29

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **End -5m:** 5:20 pm **End:** 5:25 pm

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Presenter(s): Rachel Bunder

Talk ID:
15125
3

Talk Title: We know when you are sleeping: The Rise of Energy Smart Meters

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Presenter(s): Gernot Heiser

Talk ID:
15145
8

Talk Title: Verified seL4 on secure RISC-V processors

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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Presenter(s): Martin Krafft

Talk ID:
15183
14

Talk Title: What Makes Decentralisation Hard? And How Do We Overcome This?

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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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 Alpert, Amelia Radke

Talk ID:
15183
19

Talk Title: Privacy is not Binary: A discussion of data systems, ethics, and human rights

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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): Shervin Emami

Talk ID:
15200

Talk Title: Desktop Linux, without a keyboard, mouse or desk

25

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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
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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 K. Joseph

Talk ID:
15213

Talk Title: Linux in the Cloud, on Prem, or... on a Mainframe?

30

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): Roman Joost

Talk ID:
15126
4

Talk Title: Automated acceptance tests for terminal applications

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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
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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): Serena Chen

Talk ID:
15146
9

Talk Title: Like, Share and Subscribe: Effective Communication of Security Advice

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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
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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): Kathy Reid

Talk ID:
15184

Talk Title: Good, better, breast: Building a sensing mastectomy prosthetic with open hardware

15

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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- [] 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 Taht

Talk ID:
15184

Talk Title: How internet congestion control actually works in the bufferbloat age

20

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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
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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): Peter Chubb

Talk ID:
15201
26

Talk Title: Electronics from your Kitchen Drawer

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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
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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): Arun Raghavan

Talk ID:
15214
31

Talk Title: The Story of PulseAudio and Compress Offload

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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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- [] 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): Feilong Wang

Talk ID:
15127

5

Talk Title: Building a zero downtime Kubernetes cluster

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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
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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): Chris McCormick

Talk ID:
15147

10

Talk Title: Piku: git push deployments to your own servers

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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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-
- 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 Foss

Talk ID:
15185
16

Talk Title: Panfrost: Open Source meets Arm Mali GPUs

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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-
- [] 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): Fraser Tweedale

Talk ID:
15185
21

Talk Title: Clevis and Tang: securing your secrets at rest

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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): Dave Chinner

Talk ID:
15202
27

Talk Title: It's All About Timing

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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
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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): Nathan Willis

Talk ID:
15215
32

Talk Title: No Docs? No Problem! From Zero to Full Documentation in Less Time than You Think

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): Marcus Herstik

Talk ID:
15128

11

Talk Title: An introduction to Penetration Testing using Kali Linux

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:100:0 **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
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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): Mike Cohen

Talk ID:
15166

22

Talk Title: Velociraptor - Dig Deeper

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:100:0 **End -5m:** 3:05 pm **End:** 3:10 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): David Tulloh

Talk ID:
15203

Talk Title: Kicad for software developers

33

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:100:0 **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
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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): Casey Schaufler

Talk ID:
15129
34

Talk Title: When Jargon Becomes Gibberish

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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)
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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): Jussi Pakkanen

Talk ID:
15148
39

Talk Title: Behind (and under) the scenes of the Meson build system

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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
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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): Ben Martin

Talk ID:
15167
44

Talk Title: ROS on your robot: the tale of an inside, an outside robot and 2 arms

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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-
- [] 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): Dan Shearer

Talk ID:
15186
49

Talk Title: The EU Says The Laws of Mathematics Apply in Australia

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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): Bradley M. Kuhn, Karen Sandler

Talk ID:
15204

Talk Title: Open Source Won, but Software Freedom Hasn't Yet: A Guide & Commiseration Session for FOSSers

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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
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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): Matthew Wilcox

Talk ID:
15216

Talk Title: Large Pages in Linux

58

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): Jon Manning

Talk ID:
15130

Talk Title: Compiling Your Story: Using Techniques from Compiler Design to Check Your Narrative

35

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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)
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 - [] 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): Robert Collins

Talk ID:
15149

Talk Title: NTFS really isn't that bad

40

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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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-
- [] 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): Marissa Takahashi

Talk ID:
15168
45

Talk Title: Building an ethical data infrastructure

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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-
- [] 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): Brendan Higgins

Talk ID:
15187
50

Talk Title: KUnit - Unit Testing for the Linux Kernel

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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
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 - [] 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:
15208
97

Talk Title: Using WhatsApp as a Command Line (Breaking out of the walled Garden)

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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
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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): Anne Jessel

Talk ID:
15217
59

Talk Title: What Lies Beneath: What are they really tracking and how?

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): Paul Wayper

Talk ID:
15131
36

Talk Title: Decoding battery management data - back in the old school

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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
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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): Opal Symes

Talk ID:
15150
41

Talk Title: Collecting information with care

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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
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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): Christopher J Biggs

Talk ID:
15169

Talk Title: Privacy Preserving IoT

46

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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
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 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
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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): Sachi King

Talk ID:
15188

Talk Title: The Secret Life of Routers

51

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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
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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): Jan Schmidt

Talk ID:
15205
56

Talk Title: Room scale VR tracking with OpenHMD

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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): Eduardo Silva

Talk ID:
15218
60

Talk Title: Advanced Stream Processing on the Edge

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): Katie Bell

Talk ID:
15132
37

Talk Title: Engineer tested, manager approved: Migrating Windows/.NET services to Linux

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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
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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): Trent Lloyd

Talk ID:
15151
42

Talk Title: In-depth technical story: Fixing I/O performance for Windows guests in OpenStack Ceph clouds

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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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-
- [] 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): Nathaniel McCallum

Talk ID:
15170
47

Talk Title: Portable, Attested, Secure Execution with Enarx

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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- [] 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): Jennifer Davis

Talk ID:
15189
52

Talk Title: The Ops in the Serverless

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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
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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): Evan Kohilas

Talk ID:

15209

98

Talk Title: Playable Ads: What REALLY are they?

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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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- [] 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 Leslie

Talk ID:

15219

61

Talk Title: eChronos Lyrae: A 64-bit multi-core RTOS kernel for ARM and RISC-V

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **End -5m:** 5:20 pm **End:** 5:25 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): Lyndsey Jackson

Talk ID:
15133
38

Talk Title: Musings of an Accidental Chair - change from the inside out

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **End -5m:** 11:25 am **End:** 11:30 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): Tony Asleson

Talk ID:
15152
99

Talk Title: VM block error injection, a novel approach for testing Linux storage

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

- [] Have a water bottle for ready for the presenter
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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): Christoph Lameter

Talk ID:
15171

Talk Title: How to capture 100G Ethernet traffic at wire speed to local disk

48

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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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-
- [] 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): Josh Bassett

Talk ID:
15206

Talk Title: How to Write a Retro Arcade Emulator

57

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:45:0 **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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-
- [] 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): Nicola Nye

Talk ID:
15220

62

Talk Title: Practical Ethics: building it better in 2020 and beyond

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 0:45:0 **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
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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): sreenivas alapati

Talk ID:

15134

43

Talk Title: A B C of 3D : Introduction to making 3D art using blender

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:100:0 **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
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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): Tim McNamara

Talk ID:

15172

54

Talk Title: Introduction to Rust (for people who have never used a compiler)

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:100:0 **End -5m:** 3:05 pm **End:** 3:10 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
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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): Sreejith Anujan

Talk ID:
15207

Talk Title: Macro Security for your Microservices

63

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 0:100:0 **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
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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): Matthew Garrett

Talk ID:
15135

Talk Title: TPM based attestation - how can we use it for good?

64

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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)
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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): Jonathan Oxe, Chris Fryer

Talk ID:
15133

Talk Title: Affordable Custom Input Devices

67

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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
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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): bunnie, Sean "xobs" Cross, Tom Marble

Talk ID:
15177

Talk Title: Betrusted: Better Security Through Physical Partitioning

102

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 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
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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): David Airlie

Talk ID:
15190

Talk Title: Tensorflow on open source GPUs

76

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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
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-
- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Jeremy Stott

Talk ID:
15136

Talk Title: Zero Trust SSH

65

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **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
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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): Esther Payne

Talk ID:
15154

Talk Title: RFC 1984: Or why you should start worrying about encryption backdoors and mass data collection

68

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **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): Peter Hutterer

Talk ID:
15173
73

Talk Title: "Write a single library to handle all input devices, it'll be easy" they said...

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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

Presenter(s): Brett Sheffield

Talk ID:
15191
77

Talk Title: Privacy and Decentralisation with Multicast

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Lana Brindley

Talk ID:
15139
100

Talk Title: Everything you know is wrong: why using big words can made you sound stupid

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **End -5m:** 11:25 am **End:** 11:30 am

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

Presenter(s): Ben Dechrai

Talk ID:
15155
69

Talk Title: Privacy, Security, Convenience; when it comes to home automation, can we pick all three?

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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

Presenter(s): Nathan Woodrow

Talk ID:
15174

Talk Title: The life of open source spatial with QGIS - From hobby to grown up, with bonus growing pains

74

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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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): Yaakov

Talk ID:
15192

Talk Title: New Phone, Who Dis?: Human Authentication in the Digital Age

78

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 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)
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 - [] Introduce the presenter(s) and the talk

Presenter(s): Mark Nottingham

Talk ID:
15137
66

Talk Title: The Fight to Keep the Watchers at Bay

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **End -5m:** 11:25 am **End:** 11:30 am

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

Presenter(s): Joel Stanley

Talk ID:
15156
70

Talk Title: Securing firmware: Secure and Trusted boot in OpenBMC

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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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): Aurélien Aptel

Talk ID:
15178
103

Talk Title: smbcmp: A new tool to diff network captures

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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

Presenter(s): Kim Burgess

Talk ID:
15193
79

Talk Title: Senseless - environmental sensing without additional hardware

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Russell Currey

Talk ID:
15140
101

Talk Title: The magical fantasy land of Linux kernel testing

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:45:0 **End -5m:** 11:25 am **End:** 11:30 am

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

Presenter(s): Matthew Treinish

Talk ID:
15157
71

Talk Title: Building a Compiler for Quantum Computers

5 min pre: 11:35 am **Talk Start:** 11:40 am **Length:** 0:45:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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Presenter(s): Anna Herlihy

Talk ID:
15175

Talk Title: Transpile anything to everything!

75

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:45:0 **End -5m:** 2:10 pm **End:** 2:15 pm

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

Presenter(s): Benjamin Tissoires

Talk ID:
15194

Talk Title: How to make kernel and user space CI for input devices?

80

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 0:45:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Rafael Martinez Guerrero

Talk ID:
15138

Talk Title: Behind the scenes of an ELK system

72

5 min pre: 10:40 am **Talk Start:** 10:45 am **Length:** 0:100:0 **End -5m:** 12:20 pm **End:** 12:25 pm

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

Presenter(s): Kathy Reid

Talk ID:
15176

Talk Title: Professional quality layout design with Scribus

81

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 0:100:0 **End -5m:** 3:05 pm **End:** 3:10 pm

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