
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
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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): 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)
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 - 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
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 - [] 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
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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): 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
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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): 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)
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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): 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
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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): Brenda Wallace

Talk ID:

11442

73

Talk Title: Let's put wifi in everything.

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)
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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): Alexander Hogue

Talk ID:

11449

75

Talk Title: Graphing when your Facebook friends are awake

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)
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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 Collins

Talk ID:

11455

81

Talk Title: Rust for Pythonistas

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
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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): Lucy Bain

Talk ID:
11424

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

61

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)
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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): Grant Paton-Simpson

Talk ID:
11457

Talk Title: Python Basics Plus

78

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
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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
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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): Lilly Ryan

Talk ID:
11441

Talk Title: Web Development with Python Flask

79

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)
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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
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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): 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)
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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:

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
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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): Yuriy Ackermann

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

Presenter(s): Krupesh Desai

Talk 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)
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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): Graham Dumpleton

Talk ID:
11453

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

98

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
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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): Markus Holtermann

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

Presenter(s): Katie McLaughlin

Talk 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
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 - 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)
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- [] When the presenter is ready, un-mute the microphone
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): 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)
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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): 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)
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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): Janet Toland

Talk ID:

11422

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

83

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)
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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): Bayard Randel

Talk ID:

11428

Talk Title: Workshop - Young Coders - Educators

84

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
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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 Campbell

Talk 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
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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): Lilly Ryan

Talk 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
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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): 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
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 - 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:

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

Presenter(s): Jack Skinner

Talk 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
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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): Christopher Neugebauer

Talk 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
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 - [] 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
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- [] 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
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- [] 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
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-
- When the presenter is ready, un-mute the microphone
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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk