
Presenter(s): Andrew Collier

Talk ID:
14338
24

Talk Title: Introduction to Python for Data Science, Part 1

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 04:00:00 **End -5m:** 12:55 pm **End:** 1:00 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
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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): Andrew Collier

Talk ID:
14339
29

Talk Title: Introduction to Python for Data Science, Part 2

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 04:00:00 **End -5m:** 5:25 pm **End:** 5:30 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
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-
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 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Sheena O'Connell

Talk ID:
14340

Talk Title: Hello Types

31

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 04:00:00 **End -5m:** 12:55 pm **End:** 1:00 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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-
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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): Christian Christelis

Talk ID:
14341

Talk Title: Building Web Mapping Applications using GeoDjango and other FOSS GIS

18

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 04:00:00 **End -5m:** 5:25 pm **End:** 5:30 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Imraan Parker

Talk ID:

14342

68

Talk Title: Distributed microservices in the real world

5 min pre: 9:10 am **Talk Start:** 9:15 am **Length:** 01:00:00 **End -5m:** 10:10 am **End:** 10:15 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Diana Pholo

Talk ID:

14343

101

Talk Title: Python as a tool for e-health systems

5 min pre: 10:10 am **Talk Start:** 10:15 am **Length:** 01:00:00 **End -5m:** 11:10 am **End:** 11:15 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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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): Richard Ackon

Talk ID:
14344
70

Talk Title: Reproducible Data Science with Docker

5 min pre: 11:30 am **Talk Start:** 11:35 am **Length:** 00:45:00 **End -5m:** 12:15 pm **End:** 12:20 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Sarah Sprich

Talk ID:
14345
71

Talk Title: From Idea to Product: Customer Profiling in Apache Zeppelin with PySpark

5 min pre: 12:15 pm **Talk Start:** 12:20 pm **Length:** 00:45:00 **End -5m:** 1:00 pm **End:** 1:05 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): Ari Ramkilowan

Talk ID:

14346

85

Talk Title: Jupyter Notebooks for Data Science

5 min pre: 1:50 pm **Talk Start:** 1:55 pm **Length:** 00:45:00 **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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-
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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): David Campey

Talk ID:

14420

88

Talk Title: Teach kids (7-17) to code with python & CoderDojo

5 min pre: 2:35 pm **Talk Start:** 2:40 pm **Length:** 00:45:00 **End -5m:** 3:20 pm **End:** 3:25 pm

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

Presenter(s): Adrianna Pińska

Talk ID:

14428

94

Talk Title: Thursday Lightning Talks

5 min pre: 3:40 pm **Talk Start:** 3:45 pm **Length:** 00:30:00 **End -5m:** 4:10 pm **End:** 4:15 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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-
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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): Toros Gökkurt

Talk ID:

14421

104

Talk Title: Python on Azure

5 min pre: 4:10 pm **Talk Start:** 4:15 pm **Length:** 00:45:00 **End -5m:** 4:55 pm **End:** 5:00 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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-
- 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 Hall

Talk ID:

14347

Talk Title: Playing with Python's internals

102

5 min pre: 10:10 am **Talk Start:** 10:15 am **Length:** 01:00:00 **End -5m:** 11:10 am **End:** 11:15 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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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): Helge Reikeras

Talk ID:

14348

Talk Title: The Developer's Guide to Data Science

74

5 min pre: 11:30 am **Talk Start:** 11:35 am **Length:** 00:45:00 **End -5m:** 12:15 pm **End:** 12:20 pm

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

Presenter(s): Bruce Merry

Talk ID:
14349

78

Talk Title: An introduction to concurrent programming with asyncio

5 min pre: 12:15 pm **Talk Start:** 12:20 pm **Length:** 00:45:00 **End -5m:** 1:00 pm **End:** 1:05 pm

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

Presenter(s): Joannah Nanjeyke

Talk ID:
14350

84

Talk Title: Deploying and Managing Python with Kubernetes

5 min pre: 1:50 pm **Talk Start:** 1:55 pm **Length:** 00:45:00 **End -5m:** 2:35 pm **End:** 2:40 pm

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

Presenter(s): James Mwai

Talk ID:
14351

87

Talk Title: How to deploy your Python Web App on Google Cloud Platform

5 min pre: 2:35 pm **Talk Start:** 2:40 pm **Length:** 00:45:00 **End -5m:** 3:20 pm **End:** 3:25 pm

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

Presenter(s): Erin Versfeld

Talk ID:

14352

Talk Title: Elementary, my dear Python

103

5 min pre: 10:10 am **Talk Start:** 10:15 am **Length:** 01:00:00 **End -5m:** 11:10 am **End:** 11:15 am

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

Presenter(s): Cecilia Tivir, Carina Matimbe

Talk ID:

14353

Talk Title: Bring Django Girls Workshop to Mozambique.

77

5 min pre: 11:30 am **Talk Start:** 11:35 am **Length:** 00:45:00 **End -5m:** 12:15 pm **End:** 12:20 pm

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

Presenter(s): Neil Muller

Talk ID:

14354

79

Talk Title: A Brief Introduction to PyGame Zero

5 min pre: 12:15 pm **Talk Start:** 12:20 pm **Length:** 00:45:00 **End -5m:** 1:00 pm **End:** 1:05 pm

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

Presenter(s): Heather Williams

Talk ID:

14355

83

Talk Title: Testing in the wild

5 min pre: 1:50 pm **Talk Start:** 1:55 pm **Length:** 00:45:00 **End -5m:** 2:35 pm **End:** 2:40 pm

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

Presenter(s): Jamie Hewland

Talk ID:
14356

Talk Title: Test your Docker images with Python

86

5 min pre: 2:35 pm **Talk Start:** 2:40 pm **Length:** 00:45:00 **End -5m:** 3:20 pm **End:** 3:25 pm

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

Presenter(s): Kerry Gammie

Talk ID:
14358

Talk Title: So What's the Story?

56

5 min pre: 9:10 am **Talk Start:** 9:15 am **Length:** 00:45:00 **End -5m:** 9:55 am **End:** 10:00 am

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

Presenter(s): Aabir Abubaker Kar

Talk ID:
14359

Talk Title: Dimensionality reduction - squeezing out the good stuff with PCA

57

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

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

Presenter(s): Rishikesh

Talk ID:
14360
59

Talk Title: Guide to choose right deep Learning framework for your AI project

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:45:00 **End -5m:** 11:55 am **End:** 12:00 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): Andrew Collier

Talk ID:
14361
60

Talk Title: Bayesian Analysis in Python: A Starter Kit

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:45:00 **End -5m:** 12:40 pm **End:** 12:45 pm

- [] Have a water bottle for ready for the presenter
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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): Blessing Malumi

Talk ID:
14422

Talk Title: My Journey into Artificial Intelligence

62

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 00:55:00 **End -5m:** 2:20 pm **End:** 2:25 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Cornelia van der Walt

Talk ID:
14427

Talk Title: Insight into Customer Segmentation

63

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 00:45:00 **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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 - [] Introduce the presenter(s) and the talk

Presenter(s): Adam Piskorski

Talk ID:
14429

Talk Title: Friday Lightning Talks

96

5 min pre: 3:25 pm **Talk Start:** 3:30 pm **Length:** 00:30:00 **End -5m:** 3:55 pm **End:** 4:00 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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 - [] 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): Jade Abbott

Talk ID:
14363

Talk Title: Machine Learning in Real Life

97

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 01:00:00 **End -5m:** 4:55 pm **End:** 5:00 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Jonatas Baldin

Talk ID:
14364

Talk Title: Batteries Included

55

5 min pre: 9:10 am **Talk Start:** 9:15 am **Length:** 00:45:00 **End -5m:** 9:55 am **End:** 10:00 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): Marco Slaviero

Talk ID:
14365

Talk Title: (Re)solving an appliance traffic dilemma with the DNS loophole

54

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

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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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): Nickolas Grigoriadis

Talk ID:
14366

Talk Title: Developing good ORMs is HARD!

52

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:45:00 **End -5m:** 11:55 am **End:** 12:00 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
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 - [] 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): Christo Goosen

Talk ID:
14423

Talk Title: Sanic: Async Python (uvloop) with a familiar flask like feel.

51

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:45:00 **End -5m:** 12:40 pm **End:** 12:45 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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-
- [] 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): Bernardt Duvenhage

Talk ID:
14367
49

Talk Title: Fast random number generation in Python and NumPy

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 00:55:00 **End -5m:** 2:20 pm **End:** 2:25 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): Gordon Inggs

Talk ID:
14368
48

Talk Title: Parallel Programming with (Py)OpenCL for Fun and Profit

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 00:45:00 **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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 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Linus Wamanya, Kato Joshua, Buwembo Murshid

Talk ID:

14369

Talk Title: Python Community Development in East Africa

38

5 min pre: 9:10 am **Talk Start:** 9:15 am **Length:** 00:45:00 **End -5m:** 9:55 am **End:** 10:00 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): Sewagodimo Matlapeng

Talk ID:

14370

Talk Title: From Zero to kind of a hero: Getting your Python side project ready for deployment

39

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

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - [] Introduce the presenter(s) and the talk

Presenter(s): Kenneth Goldswain, Matthew French

Talk ID:
14371

Talk Title: Two approaches to python web services

41

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:45:00 **End -5m:** 11:55 am **End:** 12:00 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): Jose Machava

Talk ID:
14424

Talk Title: Building Rest API with Django Rest Framework

42

5 min pre: 11:55 am **Talk Start:** 12:00 pm **Length:** 00:45:00 **End -5m:** 12:40 pm **End:** 12:45 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
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 - 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): Johan Hartman

Talk ID:
14372

Talk Title: Python as a tool to boost productivity in (electronic) product and system development.

44

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 00:55:00 **End -5m:** 2:20 pm **End:** 2:25 pm

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

Presenter(s): Adrianna Pińska

Talk ID:
14430

Talk Title: Custom metadata plugins for Calibre: cataloguing an old paper library

45

5 min pre: 2:20 pm **Talk Start:** 2:25 pm **Length:** 00:45:00 **End -5m:** 3:05 pm **End:** 3:10 pm

- [] Have a water bottle for ready for the presenter
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