

Presenter(s): Adrian Cruz

Talk ID:
11121
305

Talk Title: Push Data, Pull Data, Present Data

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 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): Victor

Talk ID:
11232
321

Talk Title: Why and how to GraphQL

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

-] Have a water bottle for ready for the presenter
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Presenter(s): Rachel Rakov

Talk ID:
11098
279

Talk Title: "THAT'S A REALLY GREAT IDEA": SYNTHESIZING SARCASTIC AFFECT

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

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Presenter(s): Scott Sanderson and Joe Jevnik

Talk ID:
11060
373

Talk Title: Playing with Python Bytecode

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

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

Presenter(s): Mike Craig

Talk ID:
11123
319

Talk Title: Introduction to Neural Networks with Tensorflow

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 pm

-] Have a water bottle for ready for the presenter
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Presenter(s): Ministry of Silly Talks

Talk ID:
11231
383

Talk Title: Lightning Talks

5 min pre: 1:10 pm **Talk Start:** 1:15 pm **Length:** 00:25:00 **End -5m:** 1:35 pm **End:** 1:40 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): A. Jesse Jiryu Davis

Talk ID:
11118
293

Talk Title: Python Performance Profiling: The Guts And The Glory

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

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

Presenter(s): Mike Williams

Talk ID:
11065
226

Talk Title: Summarizing documents

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Rob Howley

Talk ID:
11073
275

Talk Title: Hassle Free ETL with PySpark

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 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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 - [] Introduce the presenter(s) and the talk

Presenter(s): Russell Keith-Magee

Talk ID:
11097
240

Talk Title: A tale of two cellphones: Python on Android and iOS

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 pm

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

Presenter(s): Federico Kamelhar

Talk ID:
11108
256

Talk Title: How to build an Event Driven Financial system in sixty days with Python

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

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

Presenter(s): Tim Schmeier

Talk ID:
11119
295

Talk Title: Vector space modeling on music data

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

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

Presenter(s): Ewa Jodlowska

Talk ID:

11061

231

Talk Title: Care and feeding of Pythons

5 min pre: 5:25 pm **Talk Start:** 5:30 pm **Length:** 00:55:00 **End -5m:** 6:20 pm **End:** 6:25 pm

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

Presenter(s): Katya Vasilaky

Talk ID:
11090
374

Talk Title: It's Raining, It's Pouring? A web and SMS application in Flask and Twilio to call Farmers.

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 am

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 - Introduce the presenter(s) and the talk

Presenter(s): Thomas Peterson

Talk ID:
11077
313

Talk Title: Introduction to Microservices with Nameko

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

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Presenter(s): Stevie Slotterback

Talk ID:
11094
350

Talk Title: Webscraping by Example: An introduction to BeautifulSoup

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Ahmed Abdalla

Talk ID:
11070
280

Talk Title: Creating a BitTorrent Client using Asyncio

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Dawa Sherpa

Talk ID:
11102
248

Talk Title: Scalable code design with slimmer django model and more

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

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Presenter(s): Jack McCloy

Talk ID:
11106
252

Talk Title: Advanced Permissioning

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **End -5m:** 3:05 pm **End:** 3:10 pm

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Presenter(s): Aaron Hall

Talk ID:
11100
337

Talk Title: Best Practices for Writing Reusable Python

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 pm

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Presenter(s): Erik Taubeneck

Talk ID:
11127
334

Talk Title: Building Command Line Tools in Python

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 pm

- Have a water bottle for ready for the presenter
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Presenter(s): Barbara Shaurette

Talk ID:
11110
272

Talk Title: Young Coders (or, 'How to Teach Python to Kids')

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:25:00 **End -5m:** 4:50 pm **End:** 4:55 pm

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Presenter(s): Rohan Koodli

Talk ID:
11066
323

Talk Title: Fighting the Flu with Machine Learning

5 min pre: 4:55 pm **Talk Start:** 5:00 pm **Length:** 00:25:00 **End -5m:** 5:20 pm **End:** 5:25 pm

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

Presenter(s): Tracy Osborn

Talk ID:
11064
242

Talk Title: Design for Non-Designers

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:55:00 **End -5m:** 10:50 am **End:** 10:55 am

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 - Introduce the presenter(s) and the talk

Presenter(s): Matt Lavin

Talk ID:
11087
369

Talk Title: Teaching and Doing Digital Humanities with Jupyter Notebooks

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Roger López

Talk ID:
11096
229

Talk Title: Migrating to Python, slowly

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 pm

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

Presenter(s): Chris Riederer

Talk ID:
11116
292

Talk Title: Dplython: Intuitive Data Analysis, Funky Python

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Julian Berman

Talk ID:

11229

Talk Title: PyPy & Us Could Be PyPy & You

381

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **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): Kyle Shaffer

Talk ID:

11113

Talk Title: Using PyStruct to Classify MOOC Discussion Forum Posts

282

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **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)
 - [] 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): Craig Kerstiens

Talk ID:
11105
249

Talk Title: Postgres Present and Future

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 pm

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

Presenter(s): Joe Hooper

Talk ID:
11124
322

Talk Title: Make data cleansing fun again with Pandas

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 pm

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

Presenter(s): Jonathan Arfa

Talk ID:

11117

310

Talk Title: Algorithms to Sample From Streams

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:25:00 **End -5m:** 4:50 pm **End:** 4:55 pm

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

Presenter(s): Trevor Witter

Talk ID:

11076

315

Talk Title: Python for segregated signal averaging of cardiac baroreflex response in humans

5 min pre: 4:55 pm **Talk Start:** 5:00 pm **Length:** 00:25:00 **End -5m:** 5:20 pm **End:** 5:25 pm

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

Presenter(s): Evan Misshula

Talk ID:
11071
260

Talk Title: Creating a culture of Computation - Scientific, Social and Humanitarian

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 am

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

Presenter(s): Gene Callahan

Talk ID:
11063
261

Talk Title: Write Less Code with Algebra!

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

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

Presenter(s): Piper Thunstrom

Talk ID:

11107

Talk Title: Making Games

255

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **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)
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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): Darin Gordon

Talk ID:

11101

Talk Title: Yosai in the Wild

232

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 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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 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Mary

Talk ID:
11062
228

Talk Title: Piecing it Together: A beginner's guide to application configuration

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

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

Presenter(s): Meg Ray

Talk ID:
11136
372

Talk Title: Opening the Magic Box: Creating transitional Python libraries and IDE tools for young learners

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **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): Daniel Kronovet

Talk ID:
11099
307

Talk Title: Understanding GPU Programming

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 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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 - [] 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): Bo Du

Talk ID:
11120
303

Talk Title: Modular SQL Using SQLAlchemy

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 pm

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

Presenter(s): John Feminella

Talk ID:

11109

Talk Title: Distributed Consensus with Raft

262

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

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

Presenter(s): Eric Schles

Talk ID:
11234

Talk Title: InvestiGator

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

Talk ID:
11059

Talk Title: Writing Neural Networks from Scratch

227

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 00:55:00 **End -5m:** 9:50 am **End:** 9:55 am

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

Presenter(s): Aileen Nielsen

Talk ID:

11088

Talk Title: Probabilistic Graphical Models in Python

368

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 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): Dustin Ingram

Talk ID:

11134

Talk Title: wat■ Mind-bending Edge Cases in Python

363

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

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

Presenter(s): Heather Shapiro

Talk ID:

11126

330

Talk Title: An End to Boring Data with Visualizations

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

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 - Introduce the presenter(s) and the talk

Presenter(s): Jessica Forde

Talk ID:

11082

345

Talk Title: An Introduction to Reinforcement Learning

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 pm

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

Presenter(s): AMiT Kumar

Talk ID:
11104
230

Talk Title: Demystifying Python Method Resolution Order

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

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Presenter(s): Ryan Tuck

Talk ID:
11138
377

Talk Title: Simple Serverless ETLs in AWS

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **End -5m:** 3:05 pm **End:** 3:10 pm

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

Presenter(s): Daniela Huppenkothen

Talk ID:

11122

309

Talk Title: Using Python to Study Black Holes

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 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): Monica Chelliah

Talk ID:

11137

376

Talk Title: An Intro To Building GUI Applications Using PyQt

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 pm

- [] Have a water bottle for ready for the presenter
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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): Matthew Rocklin

Talk ID:
11133
366

Talk Title: Distributed Python with Dask

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 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): Katie Cunningham

Talk ID:
11095
380

Talk Title: Empathy and Teaching

5 min pre: 5:25 pm **Talk Start:** 5:30 pm **Length:** 00:55:00 **End -5m:** 6:20 pm **End:** 6:25 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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 - 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): Manojit Nandi

Talk ID:
11111
273

Talk Title: Anomaly Detection Algorithms and Techniques for Real-World Detection Systems

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 00:55:00 **End -5m:** 9:50 am **End:** 9:55 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): Luigi Patruno

Talk ID:
11091
283

Talk Title: Sensely: Office Automation with the Internet of Things and Python

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 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): Prakash Venkat

Talk ID:
11114
284

Talk Title: The Colors, Duke! Steganography using the Python Imaging Library (PIL)

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

- Have a water bottle for ready for the presenter
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 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
 - Ask the presenter if they would like time warnings, and if so, when they would like them
-
- When the presenter is ready, un-mute the microphone
 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Katie Silverio

Talk ID:
11089
340

Talk Title: Modeling State in Text Adventure Games

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
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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 Ganssle

Talk ID:
11074
278

Talk Title: python-dateutil: A delightful romp in the never-confusing world of dates and times

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 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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-
- [] 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): Aubhro Sengupta

Talk ID:
11103
324

Talk Title: Abstractions and building up: A case study with chess_py, an open source chess platform

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
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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): James Powell

Talk ID:
11067
341

Talk Title: Python Gone Bananas: Monkey Patching Isn't Monkey Business

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **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)
 - [] 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): David Groff

Talk ID:
11128
336

Talk Title: Algorithmically Generated Music Using Pyo Based on User Data

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
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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 Willock

Talk ID:
11069
253

Talk Title: Wrapping Go in Python

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 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): Jeff Revesz

Talk ID:
11079
331

Talk Title: RESTful Service Design: Patterns and Anti-Patterns

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
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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): John Downs

Talk ID:
11086
353

Talk Title: Exploring Cryptography

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 00:55:00 **End -5m:** 9:50 am **End:** 9:55 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
 - Ask the presenter if they would like time warnings, and if so, when they would like them
-
- When the presenter is ready, un-mute the microphone
 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Amirali Sanatinia

Talk ID:
11081
333

Talk Title: Cryptography in Python

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
 - Ask the presenter if they would like time warnings, and if so, when they would like them
-
- When the presenter is ready, un-mute the microphone
 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Suby Raman

Talk ID:
11112
281

Talk Title: Making Sense of 100 Years of NYC Opera with Python

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 am

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
 - Ask the presenter if they would like time warnings, and if so, when they would like them
-
- When the presenter is ready, un-mute the microphone
 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Brian Muller

Talk ID:
11132
361

Talk Title: Don't Overreact: Moving from Twisted to Asyncio

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:55:00 **End -5m:** 12:05 pm **End:** 12:10 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
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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): Gabriel Levine

Talk ID:
11078
311

Talk Title: The Sound of Data: Using Python to transform data streams into music.

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 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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-
- [] 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): Kaira Villanueva

Talk ID:
11084
314

Talk Title: Introduction to Web Scraping using Scrapy

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **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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 - [] 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): Adrian Kramer

Talk ID:

11129

339

Talk Title: We're All Database Engineers (WADE)

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:55:00 **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)
 - [] 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): Tatiana Tylosky

Talk ID:

11093

344

Talk Title: Build your own python pet!

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 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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 - [] 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): Adam Forsyth

Talk ID:

11130

Talk Title: Python for Home-Ec

356

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 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): Ted Morin

Talk ID:

11072

Talk Title: Hacking/typing/writing at 200 words per minute

271

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
 - [] Ask the presenter if they would like time warnings, and if so, when they would like them
-
- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Steven Butler and Max Schwartz

Talk ID:
11075
301

Talk Title: Everything You Always Wanted to Know About NLP but Were Afraid to Ask

5 min pre: 8:55 am **Talk Start:** 9:00 am **Length:** 00:55:00 **End -5m:** 9:50 am **End:** 9:55 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): Brien Blandford

Talk ID:
11115
291

Talk Title: A custom language (PPCL) plugin and syntax for Sublime Text 3

5 min pre: 9:55 am **Talk Start:** 10:00 am **Length:** 00:25:00 **End -5m:** 10:20 am **End:** 10:25 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): Alfred Lee

Talk ID:
11085
359

Talk Title: Spark Dataframes for the Pandas Pro

5 min pre: 10:25 am **Talk Start:** 10:30 am **Length:** 00:25:00 **End -5m:** 10:50 am **End:** 10:55 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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 - 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): Matthew Freihaut

Talk ID:
11233
327

Talk Title: Pulling Cloud data into a database using Requests and Pandas

5 min pre: 11:10 am **Talk Start:** 11:15 am **Length:** 00:25:00 **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
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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): Russell Keith-Magee

Talk ID:

11230

Talk Title: Snakes in a browser

239

5 min pre: 11:40 am **Talk Start:** 11:45 am **Length:** 00:25:00 **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
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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): Reshama Shaikh

Talk ID:

11092

Talk Title: Beginner Pythonistas: Setting up Your Workspace (Life pre-Python)

296

5 min pre: 12:10 pm **Talk Start:** 12:15 pm **Length:** 00:25:00 **End -5m:** 12:35 pm **End:** 12:40 pm

- Have a water bottle for ready for the presenter
 - Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - Check that HDMI is plugged into the presenter's laptop
 - Ensure presenter's display appears on the projector and confidence monitors
 - Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - Ask the presenter how they would like to be introduced and how to pronounce their name
 - Ask the presenter if they would like time warnings, and if so, when they would like them
-
- When the presenter is ready, un-mute the microphone
 - Make any special announcements (eg. Audience defrag, events later in the day)
 - Hit the Big Red Button. (On = recording starts)
 - Introduce the presenter(s) and the talk

Presenter(s): Burton DeWilde

Talk ID:
11080
335

Talk Title: Higher-level Natural Language Processing with textacy

5 min pre: 1:40 pm **Talk Start:** 1:45 pm **Length:** 00:25:00 **End -5m:** 2:05 pm **End:** 2:10 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
 - [] Ask the presenter if they would like time warnings, and if so, when they would like them
-
- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Yuri Shkuro

Talk ID:
11131
360

Talk Title: Distributed Tracing in Python

5 min pre: 2:10 pm **Talk Start:** 2:15 pm **Length:** 00:25:00 **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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 - [] 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): Jerry Meeker

Talk ID:

11068

300

Talk Title: MacroPythonic

5 min pre: 2:40 pm **Talk Start:** 2:45 pm **Length:** 00:25:00 **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)
 - [] 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): David Baumgold

Talk ID:

11125

328

Talk Title: Advanced Git

5 min pre: 3:10 pm **Talk Start:** 3:15 pm **Length:** 00:25:00 **End -5m:** 3:35 pm **End:** 3:40 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
 - [] Ask the presenter if they would like time warnings, and if so, when they would like them
-
- [] When the presenter is ready, un-mute the microphone
 - [] Make any special announcements (eg. Audience defrag, events later in the day)
 - [] Hit the Big Red Button. (On = recording starts)
 - [] Introduce the presenter(s) and the talk

Presenter(s): Ben Leong

Talk ID:
11135
370

Talk Title: Visualization and Analysis for Multimodal Presentation (VAMP)

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:25:00 **End -5m:** 4:20 pm **End:** 4:25 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): Adam DePrince

Talk ID:
11083
346

Talk Title: When the database can't keep up

5 min pre: 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:55:00 **End -5m:** 5:20 pm **End:** 5:25 pm

- [] Have a water bottle for ready for the presenter
 - [] Ensure presenter has microphone and completed sound check (if not, poke AV team)
 - [] Check that HDMI is plugged into the presenter's laptop
 - [] Ensure presenter's display appears on the projector and confidence monitors
 - [] Ask the presenter "Will there be laptop sound?" If so, ask AV to plug in and test sound
 - [] Ask the presenter how they would like to be introduced and how to pronounce their name
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