
Presenter(s): Kevin GoetschTalk ID:
9762
0**Talk Title:** Tuning Machine Learning Parameters using scikit-learn Gridsearch**5 min pre:** 9:55 am **Talk Start:** 10:00 am **Length:** 00:40:00 **End -5m:** 10:35 am **End:** 10:40 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): Jonathan HelmusTalk ID:
9763
1**Talk Title:** Speeding Up Python Data Analysis Using Cython**5 min pre:** 10:35 am **Talk Start:** 10:40 am **Length:** 00:40:00 **End -5m:** 11:15 am **End:** 11:20 am

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Presenter(s): Giovanni Barillari

Talk ID:
9764

Talk Title: pyDAL: a pure python Database Abstraction Layer

2

5 min pre: 11:15 am **Talk Start:** 11:20 am **Length:** 00:40:00 **End -5m:** 11:55 am **End:** 12:00 pm

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

Presenter(s): David Freedman

Talk ID:
9765

Talk Title: Python In The Enterprise

3

5 min pre: 12:55 pm **Talk Start:** 1:00 pm **Length:** 00:30:00 **End -5m:** 1:25 pm **End:** 1:30 pm

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

Presenter(s): Luca de Alfaro

Talk ID:
9766

Talk Title: Teaching web app development with web2py and crowdsourced grading

4

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

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

Talk ID:
9767

Talk Title: Having Fun with Recommender Systems

5

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

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

Talk ID:
9768
6

Talk Title: Python and Data Processing and Visualization

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:30:00 **End -5m:** 2:55 pm **End:** 3:00 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Gregor von Laszewski

Talk ID:
9769
7

Talk Title: Cloudmesh Virtual Cluster Management for Data Intensive Applications

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:30:00 **End -5m:** 4:25 pm **End:** 4:30 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): David LampertTalk ID:
9770
8**Talk Title:** PyHSPF: Data integration software for hydrologic and water quality modeling**5 min pre:** 4:25 pm **Talk Start:** 4:30 pm **Length:** 00:20:00 **End -5m:** 4:45 pm **End:** 4:50 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Aleksandar VelkoskiTalk ID:
9772
10**Talk Title:** Realtor Search: Elasticsearch and Python in Practice**5 min pre:** 4:45 pm **Talk Start:** 4:50 pm **Length:** 00:20:00 **End -5m:** 5:05 pm **End:** 5:10 pm

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

Presenter(s): Mark Graves

Talk ID:
9773

Talk Title: Maximum Viable Integrity with web2py

11

5 min pre: 5:05 pm **Talk Start:** 5:10 pm **Length:** 00:20:00 **End -5m:** 5:25 pm **End:** 5:30 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): Massimo Di PieroTalk ID:
9774**Talk Title:** Eight years of web2py

12

5 min pre: 9:25 am **Talk Start:** 9:30 am **Length:** 00:50:00 **End -5m:** 10:15 am **End:** 10:20 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): Skipper SeaboldTalk ID:
9775**Talk Title:** Classification using Pandas and Scikit-Learn

13

5 min pre: 10:15 am **Talk Start:** 10:20 am **Length:** 00:50:00 **End -5m:** 11:05 am **End:** 11:10 am

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

Presenter(s): Amber Doctor, Philip Doctor

Talk ID:
9776
14

Talk Title: Getting Started with Cassandra and Python

5 min pre: 11:05 am **Talk Start:** 11:10 am **Length:** 00:50:00 **End -5m:** 11:55 am **End:** 12:00 pm

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

Presenter(s): Tanya Schlusser

Talk ID:
9777
15

Talk Title: Work work money money

5 min pre: 12:55 pm **Talk Start:** 1:00 pm **Length:** 00:30:00 **End -5m:** 1:25 pm **End:** 1:30 pm

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

Presenter(s): Myles Gartland

Talk ID:
9771
9

Talk Title: Jupyter Project: Interacting between Python and R Libraries for Data Mining

5 min pre: 1:25 pm **Talk Start:** 1:30 pm **Length:** 00:20:00 **End -5m:** 1:45 pm **End:** 1:50 pm

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

Presenter(s): Safia Abdalla

Talk ID:
9779
17

Talk Title: Bringing Research to Real Life

5 min pre: 1:47 pm **Talk Start:** 1:52 pm **Length:** 00:30:00 **End -5m:** 2:17 pm **End:** 2:22 pm

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

Presenter(s): Jonathan Gemmell

Talk ID:
9780
18

Talk Title: Learning by doing: Predicting West Nile Virus in Chicago.

5 min pre: 2:25 pm **Talk Start:** 2:30 pm **Length:** 00:40:00 **End -5m:** 3:05 pm **End:** 3:10 pm

- [] Have a water bottle for ready for the presenter
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Presenter(s): Mikhail Lakirovich, Armand Ruiz

Talk ID:
9781
19

Talk Title: Extending versatility of Python to nonprogrammers

5 min pre: 3:55 pm **Talk Start:** 4:00 pm **Length:** 00:20:00 **End -5m:** 4:15 pm **End:** 4:20 pm

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Presenter(s): Jordan "Vladimir" MyersTalk ID:
9782**Talk Title:** Document Classification with Machine Learning

20

5 min pre: 4:15 pm **Talk Start:** 4:20 pm **Length:** 00:20:00 **End -5m:** 4:35 pm **End:** 4:40 pm

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

Presenter(s): Stephen HooverTalk ID:
9783**Talk Title:** Python-Powered Machine Learning in the Cloud

21

5 min pre: 4:35 pm **Talk Start:** 4:40 pm **Length:** 00:20:00 **End -5m:** 4:55 pm **End:** 5:00 pm

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

Talk ID:
9784
22

Talk Title: The Use of Web Games to Train Data Analysts

5 min pre: 4:55 pm **Talk Start:** 5:00 pm **Length:** 00:20:00 **End -5m:** 5:15 pm **End:** 5:20 pm

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Presenter(s): Li-Wey Lu, Ryan Haley

Talk ID:
9785
23

Talk Title: Python in Computer Security - Student's Perspective

5 min pre: 5:15 pm **Talk Start:** 5:20 pm **Length:** 00:20:00 **End -5m:** 5:35 pm **End:** 5:40 pm

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