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**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
- [ ] 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

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**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

- [ ] 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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**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
  - [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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**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
  - [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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**Presenter(s):** Luca de AlfaroTalk ID:  
9766  
4**Talk Title:** Teaching web app development with web2py and crowdsourced grading**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 MobasherTalk ID:  
9767  
5**Talk Title:** Having Fun with Recommender Systems**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
- [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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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
- [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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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 Lampert

Talk 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
  - [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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**Presenter(s):** Aleksandar Velkoski

Talk 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

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**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
- [ ] 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

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**Presenter(s):** Massimo Di PierroTalk 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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  - [ ] Introduce the presenter(s) and the talk

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**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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**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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**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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**Presenter(s):** Myles GartlandTalk 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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**Presenter(s):** Safia AbdallaTalk 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
  - [ ] Ensure presenter has microphone and completed sound check (if not, poke AV team)
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**Presenter(s):** Jonathan GemmellTalk 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 RuizTalk 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

- [ ] Have a water bottle for ready for the presenter
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**Presenter(s):** Jordan "Vladimir" Myers

Talk ID:  
9782  
20

**Talk Title:** Document Classification with Machine Learning

**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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**Presenter(s):** Stephen Hoover

Talk ID:  
9783  
21

**Talk Title:** Python-Powered Machine Learning in the Cloud

**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 SchroederTalk 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

- [ ] Have a water bottle for ready for the presenter
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**Presenter(s):** Li-Wey Lu, Ryan HaleyTalk 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

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