

[ ] Equipment problems

[ ] Notes on back

E3

Mar 09 Fri

Track IV (E3)

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|---|-----------|---------|---|---|
| Kit No:   | Director: | Cam Op: | Audio op:   | File count: _____   |
| <b>Pre-Day check:</b><br>[ ] Replace Batteries in mics<br>Sound levels: [ ] L-PA [ ] R-cam mic<br>[ ] System date and time. |           |         | <b>Post production:</b><br>Edit by:<br>Review by: | [ ] Files synked<br>[ ] Set Scanned<br>[ ] Edit - set done<br>[ ] Review - done |

[ ] Sound check Title: [ ] Introduction to Metaclasses  
Presenter(s): Luke Sneeringer

Start: HH\_MM\_SS

10:50 (10:50 am)

Length: 00:40:00

End: HH\_MM\_SS

11:30 (11:30 am)  
id: 698 conf: 103

audio clipping!  
<?xml version='1.0' encoding='UTF-8'?>  
Python's metaclasses grant the Python OOP ecosystem all the  
power of more complex object inheritance systems in other  
languages, while retaining for most uses the simplicity of the  
straightforward class structures most developers learn in producti...

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check Title: [ ] The Art of Subclassing  
Presenter(s): Raymond Hettinger

Start: HH\_MM\_SS

11:30 (11:30 am)

Length: 00:40:00

End: HH\_MM\_SS

12:10 (12:10 pm)  
id: 707 conf: 104

audio clipping.  
<?xml version='1.0' encoding='UTF-8'?>  
All problems have simple, easy-to-understand, logical wrong  
answers. Subclassing in Python is no exception. Avoid the  
common pitfalls and learn everything you need to know about  
making effective use of inheritance in Python. The Art of Subcla...

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check Title: [ ] Stop Writing Classes  
Presenter(s): Jack Diederich

Start: HH\_MM\_SS

12:10 (12:10 pm)

Length: 00:30:00

End: HH\_MM\_SS

12:40 (12:40 pm)  
id: 708 conf: 105

<?xml version='1.0' encoding='UTF-8'?>  
Classes are great but they are also overused. This talk will  
describe examples of class overuse taken from real world code  
and refactor the unnecessary classes, exceptions, and modules  
out of them. Stop Writing Classes Education psfpython.pycon.py...

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

Start: \_\_\_\_\_

End: \_\_\_\_\_

Unscheduled

Lighting Talks

Keynote

[ ] [ ] [ ] [ ] misc.

[ ] Added to Veyepar

[ ] Edit [ ] Review

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Title:  The Magic of Metaprogramming (Canceled)

Presenter(s): Jeff Rush

Start: HH\_MM\_SS

13:45 (1:45 pm)

Length: 00:55:00

End: HH\_MM\_SS

14:40 (2:40 pm)  
id: 713 conf: 107

Presenter email:

misc.

Edit  Review

Sound check

Title:  Interfaces and Python

Presenter(s): Eric Snow

Start: HH\_MM\_SS

14:40 (2:40 pm)

Length: 00:40:00

End: HH\_MM\_SS

15:20 (3:20 pm)  
id: 718 conf: 108

<?xml version='1.0' encoding='UTF-8'?>  
In 2.6, Python introduced the Abstract Base Classes. Before that we had "protocols" (and we still do). In this talk we'll look at how the general concept of interfaces fits into today's Python. We'll also look at some of the alternate interfaces and Python Educ...

Presenter email:

misc.

Edit  Review

Sound check

Title:  Decorators and Context Managers

Presenter(s): Dave Bronrdsema

Start: HH\_MM\_SS

15:20 (3:20 pm)

Length: 00:30:00

End: HH\_MM\_SS

15:50 (3:50 pm)  
id: 725 conf: 109

<?xml version='1.0' encoding='UTF-8'?>  
Learn how decorators and context managers work, see several popular examples, and get a brief intro to writing your own. Decorators wrap your functions to easily add more functionality. Context managers use the 'with' statement to make decorators an...

Presenter email:

misc.

Edit  Review

Sound check

Title:  Python Metaprogramming for Mad Scientists and Evil

Geniuses  
Presenter(s): Walker Hale

Start: HH\_MM\_SS

16:25 (4:25 pm)

Length: 00:55:00

End: HH\_MM\_SS

17:20 (5:20 pm)  
id: 729 conf: 111

<?xml version='1.0' encoding='UTF-8'?>  
This talk covers the power and metaprogramming features of Python that cater to mad scientists and evil geniuses. This will also be of interest to others who just want to use of Python in a more power (hungry) way. The core concept is that Python Meta...

Presenter email:

misc.

Edit  Review

Sound check

Unscheduled

Start: \_\_\_\_\_

Lighting Talks

Keynote

misc.

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End: \_\_\_\_\_

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[ ] Sound check

Title: [ ] Through The Ether And Back Again: What Happens To A Packet When You Send It

Presenter(s): Glyph

Start:

HH\_MM\_SS

17:20 (5:20 pm)

Length: 00:40:00

End:

HH\_MM\_SS

18:00 (6:00 pm)  
id: 734 conf: 112

<?xml version='1.0' encoding='UTF-8'?>

Many - perhaps even most - Python software involves a network, at least a little bit. You've probably written some yourself. But do

you really know what happens - to your kernel, to your ethernet card, to Python - when you call socket.send()? Through The Eth...

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

Unscheduled

Start:

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Lighting Talks

Keynote

[ ] [ ] [ ] [ ] misc.

[ ] Added to Veyepar

End:

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[ ] Edit [ ] Review

[ ] Equipment problems

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| <b>Pre-Day check:</b>                |           |         | <b>Post production:</b> | [ ] Files synked    |
| [ ] Replace Batteries in mics        |           |         | Edit by:                | [ ] Set Scanned     |
| Sound levels: [ ] L-PA [ ] R-cam mic |           |         | Review by:              | [ ] Edit - set done |
| [ ] System date and time.            |           |         |                         | [ ] Review - done   |

[ ] Sound check

Title: [ ] What you need to know about datetimes

Presenter(s): Taavi Burns

Start:

HH\_MM\_SS

10:25 (10:25 am)

Length: 00:40:00

<?xml version='1.0' encoding='UTF-8'?>  
`time`, `datetime`, and `calendar` from the standard library are a bit messy. Find out what to use where and how (particularly when you have users in many timezones), and what extra modules you might want to look into.

[ ] [ ] [ ] [ ] misc.

End:

HH\_MM\_SS

11:05 (11:05 am)  
id: 746 conf: 113

[ ] Edit [ ] Review

[ ] Sound check

Title: [ ] Storing, manipulating and visualizing timeseries using open source packages in Python

Presenter(s): Jonathan Rocher

Start:

HH\_MM\_SS

11:05 (11:05 am)

Length: 00:40:00

<?xml version='1.0' encoding='UTF-8'?>  
Analyzing, storing and visualizing time-series efficiently are recurring though difficult tasks in various aspects of scientific data analysis such as meteorological forecasting, financial modeling, ... In this talk we will explore th

[ ] [ ] [ ] [ ] misc.

End:

HH\_MM\_SS

11:45 (11:45 am)  
id: 751 conf: 114

[ ] Edit [ ] Review

[ ] Sound check

Title: [ ] Pragmatic Unicode, or, How do I stop the pain?

Presenter(s): Ned Batchelder

Start:

HH\_MM\_SS

11:45 (11:45 am)

Length: 00:30:00

<?xml version='1.0' encoding='UTF-8'?>  
Python has great Unicode support, but it's still your responsibility to handle it properly. I'll do a quick overview of what Unicode is, out only enough to get your program working properly. I'll describe strategies to make your code Pragmatic Unicode, or, ...

[ ] [ ] [ ] [ ] misc.

End:

HH\_MM\_SS

12:15 (12:15 pm)  
id: 756 conf: 115

[ ] Edit [ ] Review

[ ] Sound check

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[ ] [ ] [ ] [ ] misc.

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[ ] Added to Veyepar

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[ ] Edit [ ] Review

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Title: [ ] A Gentle Introduction to GIS  
Presenter(s): Jason Scheirer

Start: HH\_MM\_SS

13:20 (1:20 pm)

Length: 00:55:00

<?xml version='1.0' encoding='UTF-8'?>  
Datums! Coordinate systems! Map projections! Topologies!  
Spatial applications are a nebulous, daunting concept to most  
Pythonistas. This talk is a gentle introduction into the concepts,  
terminology and tools to demystify the world of a Gentle Introd...

End: HH\_MM\_SS

14:15 (2:15 pm)  
id: 758 conf: 117

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

Title: [ ] Making maps with Python  
Presenter(s): Zain Memon

Start: HH\_MM\_SS

14:15 (2:15 pm)

Length: 00:40:00

<?xml version='1.0' encoding='UTF-8'?>  
Python makes it easy to store, query, and transform geodata. We  
will run through a handful of useful GIS libraries and patterns that  
let you do magical things with your maps. If you want to make  
maps that are more interactive and more inteMaking maps with...

End: HH\_MM\_SS

14:55 (2:55 pm)  
id: 764 conf: 118

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

Title: [ ] Using fabric to standardize the development process  
Presenter(s): Ricardo Kirkner

Start: HH\_MM\_SS

14:55 (2:55 pm)

Length: 00:30:00

<?xml version='1.0' encoding='UTF-8'?>  
By ensuring consistency and repeatability in setting up the  
development environments of a team of developers, errors can  
be avoided (by automating repetitive tasks). It also helps by  
lowering the entry barrier for new developers, andUsing fabric t...

End: HH\_MM\_SS

15:25 (3:25 pm)  
id: 770 conf: 119

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

Title: [ ] Spatial data and web mapping with Python  
Presenter(s): Paul Smith

Start: HH\_MM\_SS

16:00 (4:00 pm)

Length: 00:55:00

<?xml version='1.0' encoding='UTF-8'?>  
Spatial data are often seen as opaque to most developers, and  
while dealing with them does require a shift in approach from the  
data types we most regularly handle, they needn't be the domain  
of specialists. High-quality Python libraries aSpatial data and w...

End: HH\_MM\_SS

16:55 (4:55 pm)  
id: 773 conf: 121

[ ] [ ] [ ] [ ] misc.

[ ] Edit [ ] Review

[ ] Sound check

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[ ] [ ] [ ] [ ] misc.

[ ] Added to Veyepar

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[ ] Edit [ ] Review

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Title:  How CherryPy supports Python 2 and 3

Presenter(s): Robert Brewer

Start:

HH\_MM\_SS

16:55 (4:55 pm)

Length: 00:35:00

End:

HH\_MM\_SS

17:30 (5:30 pm)

id: 782 conf: 122

<?xml version='1.0' encoding='UTF-8'?>

CherryPy was the first web framework to be made available for use with Python 3, and we tried several approaches to support

both Python 2 and 3 before settling on one. Learn about the ups

and the downs of each approach, and ways you can How Cherr...

Presenter email:

misc.

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| <b>Pre-Day check:</b><br><input type="checkbox"/> Replace Batteries in mics<br>Sound levels: <input type="checkbox"/> L-PA <input type="checkbox"/> R-cam mic<br><input type="checkbox"/> System date and time. |           |         | <b>Post production:</b><br>Edit by:<br>Review by: | <input type="checkbox"/> Files synked<br><input type="checkbox"/> Set Scanned<br><input type="checkbox"/> Edit - set done<br><input type="checkbox"/> Review - done |

Sound check Title:  Parsing Horrible Things with Python  
Presenter(s): Erik Rose

Start: HH\_MM\_SS

12:00 (12:00 pm)

Length: 00:30:00

End: HH\_MM\_SS

12:30 (12:30 pm)  
id: 837 conf: 123

<?xml version='1.0' encoding='UTF-8'?>  
If you've ever wanted to get started with parsers, here's your chance for a ground-floor introduction. A harebrained spare-time project gives birth to a whirlwind journey from basic algorithms to Python libraries and, at last, to a parser fParsing Horrible Thing...  
Presenter email: [ ] [ ] [ ] misc.  
[ ] Edit [ ] Review

Sound check Title:  Building A Python-Based Search Engine  
Presenter(s): Daniel Lindsley

Start: HH\_MM\_SS

13:30 (1:30 pm)

Length: 00:40:00

End: HH\_MM\_SS

14:10 (2:10 pm)  
id: 845 conf: 124

<?xml version='1.0' encoding='UTF-8'?>  
many developers expectBuilding A Python-Based Search EngineEducationpsfpython pycon pycon2012pycon\_2012DanielLindsleyBuilding A Python-Based Search Engineyes...  
Presenter email: [ ] [ ] [ ] misc.  
[ ] Edit [ ] Review

Sound check Title:  Parsing sentences with the OTHER natural language tool: LinkGrammar  
Presenter(s): Jeff Elmore

Start: HH\_MM\_SS

14:10 (2:10 pm)

Length: 00:45:00

End: HH\_MM\_SS

14:55 (2:55 pm)  
id: 846 conf: 125

<?xml version='1.0' encoding='UTF-8'?>  
Many of you are probably familiar with NLTK, the wonderful Natural Language Toolkit for Python. You may not be familiar with Linkgrammar, which is a sentence parsing system created at Carnegie Mellon university. Linkgrammar is quite robuParsin...  
Presenter email: [ ] [ ] [ ] misc.  
[ ] Edit [ ] Review

Sound check

Start: \_\_\_\_\_

End: \_\_\_\_\_

Unscheduled

Lighting Talks  
Keynote

[ ] [ ] [ ] [ ] misc.

[ ] Added to Veyepar

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