

[] Equipment problems

[] Notes on back

E3

Mar 09 Fri

Track IV (E3)

set page 1 of 7

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

[] [] [] [] 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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Track IV (E3)

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Sound check

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

Start: _____

Lighting Talks

Keynote

misc.

Added to Veyepar

End: _____

Edit Review

Unscheduled

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E3

Mar 09 Fri

Track IV (E3)

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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: _____

Lighting Talks

Keynote

[] [] [] [] misc.

[] Added to Veyepar

End: _____

[] Edit [] Review

[] Equipment problems

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Track IV (E3)

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Pre-Day check:			Post production:	[] Files synked
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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.

End: HH_MM_SS

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

[] [] [] [] misc.

[] 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

End: HH_MM_SS

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

[] [] [] [] misc.

[] 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, ...

End: HH_MM_SS

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

[] [] [] [] misc.

[] Edit [] Review

[] Sound check

Unscheduled

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Lighting Talks

Keynote

[] [] [] [] misc.

[] Added to Veyepar

End: _____

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[] Equipment problems

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Track IV (E3)

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[] Sound check

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

Start: HH_MM_SS

13:20 (1:20 pm)

Length: 00:55:00

End: HH_MM_SS

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

<?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...

[] [] [] [] 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

End: HH_MM_SS

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

<?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...

[] [] [] [] 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

End: HH_MM_SS

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

<?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...

[] [] [] [] 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

End: HH_MM_SS

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

<?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...

[] [] [] [] misc.

[] Edit [] Review

[] Sound check

Start: _____

Lighting Talks
Keynote

[] [] [] [] misc.

[] Added to Veyepar

End: _____

[] Edit [] Review

Unscheduled

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Sound check

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.

Edit Review

Sound check

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Unscheduled

Lighting Talks

Keynote

misc.

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Track IV (E3)
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Pre-Day check: [] Replace Batteries in mics Sound levels: [] L-PA [] R-cam mic [] System date and time.			Post production: Edit by: Review by:	[] Files synked [] Set Scanned [] Edit - set done [] Review - done

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

Start:

12:00 (12:00 pm)

Length: 00:30:00

End:

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:

13:30 (1:30 pm)

Length: 00:40:00

End:

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:

14:10 (2:10 pm)

Length: 00:45:00

End:

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

[] Edit [] Review