

start: **09:30** end: **10:00**

Len: 0:30:0

id: 148

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Opening Doors with JSON Web Tokens

Ben Dechrai

Opening Doors with JSON Web Tokens

Ben Dechrai

start: **10:30**

end: **11:00**

Len: 0:30:0

id: 148

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New Phone, Who Dis?: Human Authentication in the Digital Age

Yaakov Smith

New Phone, Who Dis?: Human Authentication in the Digital Age

Yaakov Smith

start: **11:10** end: **11:40**

Len: 0:30:0

id: 148

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Data Sharing in Modern Australia

Justin Warren

Data Sharing in Modern Australia

Justin Warren

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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Securing your AWS Identity Management pipeline with PyTest

Sean Johnson

Securing your AWS Identity Management pipeline with PyTest

Sean Johnson

start: **13:30** end: **14:00**

Len: 0:30:0

id: 149

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Forecasting Australia's 2019 Election with PyMC3

Martin Burgess

Forecasting Australia's 2019 Election with PyMC3

Martin Burgess

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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cuDF: RAPIDS GPU-Accelerated Dataframe Library

Mark Harris

cuDF: RAPIDS GPU-Accelerated Dataframe Library

Mark Harris

start: 14:50

end: 15:20

Len: 0:30:0

id: 149

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Understanding GPUs

Varun Nayyar

Understanding GPU

Varun Nayyar

start: **16:00**

end: **16:30**

Len: 0:30:0

id: 149

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Not a long time ago, in a galaxy not very far away, an astronomer and a computer scientist walk into a bar...

Georgios Bekiaris

Not a long time ago, in a galaxy not very far away, an astronomer and a computer scientist walk into a bar...

Georgios Bekiaris

start: **16:40**

end: **17:10**

Len: 0:30:0

id: 149

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Learn to control your brain: Brain Computer Interfacing with Python

Johan van der Meer

Learn to control your brain: Brain Computer Interfacing with Python

Johan van der Meer

start: **17:20** end: **17:50**

Len: 0:30:0

id: 149

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Machine Learning and Cyber Security - Detecting malicious URLs in the haystack

Alistair, Veatrissa L.

Machine Learning and Cyber Security - Detecting malicious URLs in the haystack

Alistair, Veatrissa L.

start: **09:15** end: **09:30**

Len: 0:15:0

id: 148

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Rust's Recipes for Code and Community

E. Dunham

Rust's Recipes for Code and Community

E. Dunham

start: **10:30** end: **11:00**

Len: 0:30:0

id: 149

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Safely eval Python syntax using the AST module

Tim Savage

Safely eval Python syntax using the AST module

Tim Savage

start: 11:10

end: 11:40

Len: 0:30:0

id: 148

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Web Accessibility In Django

Parth Shandilya

Web Accessibility In Django

Parth Shandilya

start: **11:50** end: **12:20** Len: 0:30:0 id: 149

set page 14 of 88

Forklifting Django: Migrating A Complex Django App To Kubernetes

Noah Kantrowitz

Forklifting Django: Migrating A Complex Django App To Kubernetes

Noah Kantrowitz

start: 13:30

end: 14:00

Len: 0:30:0

id: 149

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WASM matter?

Russell Keith-Magee

WASM matter?

Russell Keith-Magee

start: **14:10** end: **15:20**

Len: 0:70:0

id: 149

set page 16 of 88

Just Add Await: Retrofitting Async Into Django

Andrew Godwin

Just Add Await: Retrofitting Async Into Django

Andrew Godwin

start: **16:00**

end: **16:30**

Len: 0:30:0

id: 149

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Pony, Cat, and Paw: Getting Started with the Open Source Menagerie

Tobias Kunze

Pony, Cat, and Paw: Getting Started with the Open Source Menagerie

Tobias Kunze

start: **16:40** end: **17:10**

Len: 0:30:0

id: 149

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The Unspeakable Horror of Discovering You Didn't Write Tests

Melanie Crutchfield

The Unspeakable Horror of Discovering You Didn't Write Tests

Melanie Crutchfield

start: **17:20** end: **17:50** Len: 0:30:0 id: 149

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Using Python, Django, and ruthlessness to protect people from social media harassment.

Tom Eastman

Using Python, Django, and ruthlessness to protect people from social media harassment.

Tom Eastman

start: **09:15** end: **09:30**

Len: 0:15:0

id: 148

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Using Python to make learning Python better

Ben Taylor

Using Python to make learning Python better

Ben Taylor

start: **10:30** end: **11:00**

Len: 0:30:0

id: 148

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Flying by the seat of our pants - our journey of teaching python using drones

Kylie Mathers

Flying by the seat of our pants - our journey of teaching python using drones

Kylie Mathers

start: **11:10**

end: **11:40**

Len: 0:30:0

id: 148

set page 22 of 88

Automagically marking Python course work and assessments in seconds!

Dave Bracken

Automagically marking Python course work and assessments in seconds!

Dave Bracken

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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What makes Micro:bits different?

Jack Reichelt

What makes Micro:bits different?

Jack Reichelt

start: **13:30**

end: **14:00**

Len: 0:30:0

id: 149

set page 24 of 88

Concept to Classroom: Creating fun differentiated programming projects

Renee Noble

Concept to Classroom: Creating fun differentiated programming projects

Renee Noble

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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Using Python, Flask and Docker To Teach Web Pentesting

Zain Afzal, Carey Li

Using Python, Flask and Docker To Teach Web Pentesting

Zain Afzal, Carey Li

start: **14:50**

end: **15:20**

Len: 0:30:0

id: 149

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3D Rendering with Python

Andrew Williams

3D Rendering with Python

Andrew Williams

start: **16:00** end: **18:00**

Len: 0:120:0

id: 149

set page 27 of 88

Education Seminar Student Showcase

Students

Education Seminar Student Showcase

Students

start: **09:30** end: **10:00**

Len: 0:30:0

id: 148

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You don't always need NumPy

Sam Hames

You don't always need NumPy

Sam Hames

start: **10:30** end: **11:00**

Len: 0:30:0

id: 148

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Extracting tabular data from PDFs with Camelot & Excalibur

Vinayak Mehta

Extracting tabular data from PDFs with Camelot & Excalibur

Vinayak Mehta

start: **11:10** end: **11:40**

Len: 0:30:0

id: 148

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Using Dash by Plotly for Interactive Visualisation of Crime Data

Leo Broska

Using Dash by Plotly for Interactive Visualisation of Crime Data

Leo Broska

start: **11:50** end: **12:20** Len: 0:30:0 id: 149

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Building, designing, teaching and training simulation environments for Machine Learning

Paris Buttfield-Addison

Building, designing, teaching and training simulation environments for Machine

Paris Buttfield-Addison

start: **13:30** end: **14:00**

Len: 0:30:0

id: 149

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Stealing Chrome cookies without a password

"Alex"

Stealing Chrome cookies without a password

"Alex"

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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Best Practices for Cryptography In Python

Paul Kehrer

Best Practices for Cryptography In Python

Paul Kehrer

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

set page 34 of 88

How to lose a container in 10 minutes

Sarah Young

How to lose a container in 10 minutes

Sarah Young

start: **16:00** end: **16:30**

Len: 0:30:0

id: 149

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Threat Modeling the Death Star

Mario Areias

Threat Modeling the Death Star

Mario Areias

start: **16:40** end: **17:10** Len: 0:30:0 id: 149

set page 36 of 88

How to get everyone to get on board with software security: practical tips and suggestions.

Tennessee Leeuwenburg

How to get everyone to get on board with software security: practical tips and s

Tennessee Leeuwenburg

start: **17:20**

end: **17:50**

Len: 0:30:0

id: 149

set page 37 of 88

The Security Panel

Various Speakers

The Security Panel

Various Speakers

start: **08:30**

end: **08:45**

Len: 0:15:0

id: 149

set page 38 of 88

First-timers Session

First-timers Session

start: 09:00

end: 09:20

Len: 0:20:0

id: 149

set page 39 of 88

Welcome

Welcome

start: **09:20**

end: **10:00**

Len: 0:40:0

id: 149

set page 40 of 88

Creating Lasting Change

Aurynn Shaw

Creating Lasting Change

Aurynn Shaw

start: **10:30** end: **11:00**

Len: 0:30:0

id: 149

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Building a Sustainable Python Package Index

Dustin Ingram

Building a Sustainable Python Package Index

Dustin Ingram

start: **11:10** end: **11:40**

Len: 0:30:0

id: 149

set page 42 of 88

Goodbye Print Statements, Hello Debugger!

Nina Zakharenko

Goodbye Print Statements, Hello Debugger!

Nina Zakharenko

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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Using comedy as an excuse to play with python-programmed microcontrollers

Anthony I. Joseph, Debbie Zukerman

Using comedy as an excuse to play with python-programmed microcontrollers

Anthony I. Joseph, Debbie Zukerman

start: **13:30**

end: **14:00**

Len: 0:30:0

id: 149

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Anatomy of a Browser

Erin Zimmer

Anatomy of a Browser

Erin Zimmer

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

set page 45 of 88

Fantastic Blocks And Where To Hide Them

Christopher Neugebauer

Fantastic Blocks And Where To Hide Them

Christopher Neugebauer

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

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When software and law are the same thing

Brenda Wallace

When software and law are the same thing

Brenda Wallace

start: 16:00

end: 16:40

Len: 0:40:0

id: 149

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The Antipodes

Brandon Rhodes

The Antipodes

Brandon Rhodes

start: **16:40**

end: **17:40**

Len: 0:60:0

id: 149

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Saturday Lightning Talks

Lightning Talk Czar

Saturday Lightning Talks

Lightning Talk Czar

start: **10:30** end: **11:00**

Len: 0:30:0

id: 149

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Lessons learned building Python microservices

Richard Jones

Lessons learned building Python microservices

Richard Jones

start: **11:10** end: **11:40**

Len: 0:30:0

id: 149

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Tunnel Snakes Rule! Bringing the many worlds of Python together to monitor Melbourne's biggest infrastructure project.

Evan Brumley

Tunnel Snakes Rule! Bringing the many worlds of Python together to monitor M

Evan Brumley

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

set page 51 of 88

Post-mortems: Building better software together.

Thomi Richards

Post-mortems: Building better software together.

Thomi Richards

start: **13:30** end: **14:00**

Len: 0:30:0

id: 149

set page 52 of 88

Python Applications in Infrastructure Planning and Civil Engineering

Ben Chu

Python Applications in Infrastructure Planning and Civil Engineering

Ben Chu

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

set page 53 of 88

How I auto-refactored a huge OSS project to use pytest

Craig de Stigter

How I auto-refactored a huge OSS project to use pytest

Craig de Stigter

start: **11:10** end: **11:40**

Len: 0:30:0

id: 149

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Making Acquaintances with Exotic Encodings

Trapsilo Bumi

Making Acquaintances with Exotic Encodings

Trapsilo Bumi

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

set page 55 of 88

Pretty vector graphics - Playing with SVG in Python

Amanda J Hogan

Pretty vector graphics - Playing with SVG in Python

Amanda J Hogan

Veyepar: TalkSigns.rfxml

start: **13:30** end: **14:00**

Len: 0:30:0

id: 149

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Logging Rethought 2: The Actions of Frank Taylor Jr.

Markus Holtermann

Logging Rethought 2: The Actions of Frank Taylor Jr.

Markus Holtermann

Veyepar: TalkSigns.rfxml

start: 14:10 end: 14:40

Len: 0:30:0

id: 149

set page 57 of 88

You might not need gender!

Opal Symes

You might not need gender!

Opal Symes

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

set page 58 of 88

Profiling Pathogens with (micro) Python

Andrew Leech

Profiling Pathogens with (micro) Python

Andrew Leech

start: **08:30**

end: **08:45**

Len: 0:15:0

id: 149

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First-timers Session

First-timers Session

start: **10:30**

end: **11:40**

Len: 0:70:0

id: 149

set page 60 of 88

It's Pythons All The Way Down: Python Types & Metaclasses Made Simple

Mark Smith

It's Pythons All The Way Down: Python Types & Metaclasses Made Simple

Mark Smith

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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Building an interactive training environment using JupyterHub

Graham Dumpleton

Building an interactive training environment using JupyterHub

Graham Dumpleton

start: **13:30**

end: **14:40**

Len: 0:70:0

id: 149

set page 62 of 88

Sufficiently Advanced Testing

Zac Hatfield-Dodds

Sufficiently Advanced Testing

Zac Hatfield-Dodds

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

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Tracing, Profiling & Debugging in Production (eBPF)

Trent Lloyd

Tracing, Profiling & Debugging in Production (eBPF)

Trent Lloyd

start: 09:00

end: 09:20

Len: 0:20:0

id: 149

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Welcome

Welcome

start: **09:20** end: **10:00**

Len: 0:40:0

id: 149

set page 65 of 88

The real costs of Open Source Sustainability

VM Brasseur

The real costs of Open Source Sustainability

VM Brasseur

start: 10:30

end: 11:00

Len: 0:30:0

id: 149

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The New COBOL

Benno Rice

The New COBOL

Benno Rice

start: 11:10

end: 11:40

Len: 0:30:0

id: 149

set page 67 of 88

Devpi for teams

Graham Williamson

Devpi for teams

Graham Williamsor

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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What not to do, and how to do it

Jakub Nabaglo

What not to do, and how to do it

Jakub Nabaglo

Veyepar: TalkSigns.rfxml

start: **13:30** end: **14:00**

Len: 0:30:0

id: 149

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Teaching Python with tiny, occult pandas

Bruce Fuda

Teaching Python with tiny, occult pandas

Bruce Fuda

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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"Git hook[ed]" on images & up your documentation game

Veronica Hanus

"Git hook[ed]" on images & up your documentation game

Veronica Hanus

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

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Environment Variables: how software impacts climate change

Merrin Macleod

Environment Variables: how software impacts climate change

Merrin Macleod

start: **16:00**

end: **17:00**

Len: 0:60:0

id: 149

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Sunday Lightning Talks

Lightning Talk Czar

Sunday Lightning Talks

Lightning Talk Czar

start: 17:00

end: 17:30

Len: 0:30:0

id: 149

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Conference Close

Conference Close

start: **10:30** end: **11:00**

Len: 0:30:0

id: 149

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Changing what's normal: how to transfer concepts between groups

Maia Sauren

Changing what's normal: how to transfer concepts between groups

Maia Sauren

start: 11:10

end: 11:40

Len: 0:30:0

id: 149

set page 75 of 88

What PHP learned from Python

Adam Harvey

What PHP learned from Python

Adam Harvey

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

set page 76 of 88

A Programmer's Guide to Public Speaking

Donna Zhou

A Programmer's Guide to Public Speaking

Donna Zhou

start: 13:30

end: 14:00

Len: 0:30:0

id: 149

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Python Oddities Explained

Trey Hunner

Python Oddities Explained

Trey Hunner

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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Instant-feedback, instant-debugging Python coding

Robert Lechte

Instant-feedback, instant-debugging Python coding

Robert Lechte

start: **14:50** end: **15:20**

Len: 0:30:0

id: 149

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Volumetric Performance Capture and Playback: A Workflow with Python

Luke Miller

Volumetric Performance Capture and Playback: A Workflow with Python

Luke Miller

start: **10:30** end: **11:00**

Len: 0:30:0

id: 149

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Shipping your first Python package and automating future publishing

Chris Wilcox

Shipping your first Python package and automating future publishing

Chris Wilcox

start: **11:10** end: **11:40**

Len: 0:30:0

id: 149

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Insights into Social Media Data using Entropy Theory

Mars Geldard

Insights into Social Media Data using Entropy Theory

Mars Geldard

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

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It's dark and my lights aren't working (an asyncio success story)

Jim Mussared

It's dark and my lights aren't working (an asyncio success story)

Jim Mussared

start: **13:30**

end: **14:00**

Len: 0:30:0

id: 149

set page 83 of 88

The universe as balls and springs: molecular dynamics in Python

Lily Wang

The universe as balls and springs: molecular dynamics in Python

Lily Wang

start: **14:10** end: **14:40**

Len: 0:30:0

id: 149

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No time to idle about: Profiling import time in Python

Daniel Porteous

No time to idle about: Profiling import time in Python

Daniel Porteous

start: 14:50

end: 15:20

Len: 0:30:0

id: 149

set page 85 of 88

Micropython Gotchas

Micha■ Ga■ka

Micropython Gotchas

Micha■ Ga■ka

start: **11:50** end: **12:20**

Len: 0:30:0

id: 149

set page 86 of 88

Let's Build a Symbolic Analyser And Automatically Find Bugs

Jon Manning

Let's Build a Symbolic Analyser And Automatically Find Bugs

Jon Manning

start: **13:30** end: **14:00**

Len: 0:30:00

id: 149

set page 87 of 88

Extending MicroPython: Using C for good!

Matt Trentini

Extending MicroPython: Using C for good!

Matt Trentini

start: **14:50**end: **15:20**

Len: 0:30:0

id: 149

set page 88 of 88

Orchestrating complex (not complicated) tasks using AWS serverless and Python

Michael Kelly

Orchestrating complex (not complicated) tasks using AWS serverless and Pyth

Michael Kelly