

start: **09:15**

end: **09:30**

Len: 00:15:00

id: 114

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Opening

David Sharpe

# Opening

# David Sharpe

start: **09:30**    end: **10:30**    Len: 01:00:00    id: 114

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Keeping up with the pace of a fast growing community without dying

Flavio Percoco

Keeping up with the pace of a fast growing community without dying

# Flavio Percoco

start: **11:00**

end: **11:45**

Len: 00:45:00

id: 114

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Running Django Applications on GAE - Flexible Environment(Previously Managed VMs)

Kenneth Kinyanjui, James Mwai

Running Django Applications on GAE - Flexible Environment(Previously Managed VMs)

**Kenneth Kinyanjui, James Mwai**

start: **11:45**    end: **12:30**    Len: 00:45:00    id: 114

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Scaling Django from server to browser through an efficient caching strategy

Hedley Roos

Scaling Django from server to browser through an efficient caching strategy

# Hedley Roos

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RevDB, a reverse debugger

Armin Rigo

# RevDB, a reverse debugger

# Armin Rigo

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Len: 00:45:00 id: 114

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Optimizing Python programs, PyPy to the rescue

Richard Plangger

Optimizing Python programs, PyPy to the rescue

# Richard Plangger

start: **15:30** end: **16:15**

Len: 00:45:00 id: 114

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Some Less obvious uses of SQLite

Stephan Van Ellewee

Some Less obvious uses of SQLite

# Stephan Van Ellewee

start: **16:15** end: **17:00**

Len: 00:45:00 id: 114

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Stream processing made easy with riko

Reuben Cummings

Stream processing made easy with riko

# Reuben Cummings



start: **17:00**

end: **17:30**

Len: 00:30:00

id: 114

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Thursday Lightning Talks

Neil Muller

# Thursday Lightning Talks

# Neil Muller

start: 11:00

end: 11:45

Len: 00:45:00

id: 114

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Python, Pet of Architects

Navid Hatefnia

# Python, Pet of Architects

# Navid Hatefnia

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Len: 00:45:00 id: 114

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Listen to the Snake

Travis Pawley

# Listen to the Snake

# Travis Pawley

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Len: 00:45:00 id: 114

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Python in Viral Bioinformatics Research

Trevor Bell

Python in Viral Bioinformatics Research

# Trevor Bell

start: **14:15**    end: **15:00**    Len: 00:45:00    id: 114

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Beating the bugs: simulating drug resistance in viral and bacterial DNA using Python and AWS

Imogen Wright

Beating the bugs: simulating drug resistance in viral and bacterial DNA using F

# Imogen Wright

start: **15:30**    end: **16:15**    Len: 00:45:00    id: 114

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Ensure Python Development: Practical strides that we can take to ensure Python skills development

Jessica Upani

Ensure Python Development: Practical strides that we can take to ensure Pyth

# Jessica Upani

start: **16:15** end: **17:00**

Len: 00:45:00 id: 114

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Public Python for the greater good

JD Bothma

Public Python for the greater good

# JD Bothma

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An introduction to interfacing with C using CFFI

Neil Muller

An introduction to interfacing with C using CFFI

# Neil Muller



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Len: 01:30:00 id: 114

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Introduction to Test Driven Development with Python

Humphrey Butau

Introduction to Test Driven Development with Python

# Humphrey Butau

start: **15:30** end: **16:15**

Len: 00:45:00 id: 114

set page 18 of 39

Experiments with test setup

Iwan Vosloo

# Experiments with test setup

# Iwan Vosloo

start: **16:15** end: **17:00**

Len: 00:45:00 id: 114

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Contributing to python open source Infrastructure and projects

Joannah Nanjekye, Naggita Keziah

Contributing to python open source Infrastructure and projects

Joannah Nanjekye, Naggita Keziah

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Len: 01:00:00 id: 114

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Panel Discussion: Teaching Python

Simon Cross

Panel Discussion: Teaching Python

# Simon Cross

start: **10:00** end: **10:45**

Len: 00:45:00 id: 114

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Juggling GPU tasks with asyncio

Bruce Merry

Juggling GPU tasks with asyncio

# Bruce Merry

start: **11:15** end: **12:00**

Len: 00:45:00 id: 114

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Reliably Distributing Binary Modules

Paul Kehrer

Reliably Distributing Binary Modules

# Paul Kehrer

start: **12:00**    end: **12:45**    Len: 00:45:00    id: 114

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MicroPython: Python for microcontrollers and constrained environments

Christo Goosen

MicroPython: Python for microcontrollers and constrained environments

# Christo Goosen

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Len: 00:45:00 id: 114

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Distributed Applications in Python: Celery vs. Crossbar

Adam Jorgensen

Distributed Applications in Python: Celery vs. Crossbar

# Adam Jorgensen



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Len: 00:45:00 id: 114

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Get Instrumented: How Prometheus Can Unify Your Metrics

Hynek Schlawack

Get Instrumented: How Prometheus Can Unify Your Metrics

# Hynek Schlawack

start: **15:30**    end: **16:15**    Len: 00:45:00    id: 114

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Computer Vision - Creating a complex color polling project using Python, OpenCV and Raspberry Pi

Irikidzai Muchaneta

Computer Vision - Creating a complex color polling project using Python, Oper

# Irikidzai Muchaneta

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Friday Lightning Talks

Simon Cross

# Friday Lightning Talks

# Simon Cross

start: **16:45** end: **17:45**

Len: 01:00:00 id: 114

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How development models affect the team

Maciej Fijański

How development models affect the team

# Maciej Fijański

start: **17:45**

end: **18:00**

Len: 00:15:00

id: 114

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Closing

David Sharpe

# Closing

# David Sharpe

start: **10:00**    end: **10:45**    Len: 00:45:00    id: 114

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Experiences debugging memory bloat and high CPU consumption in python

Alexandre Hardy

Experiences debugging memory bloat and high CPU consumption in python

# Alexandre Hardy

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Selling groceries online using Postgres, Flask, Docker & Android

Petrus Janse van Rensburg

Selling groceries online using Postgres, Flask, Docker & Android

# Petrus Janse van Rensburg

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How to use python and flask to capture downtime losses on a production line

Ronald Tendai Maravanyika

How to use python and flask to capture downtime losses on a production line

# Ronald Tendai Maravanyika



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Machine Learning in Python - Gaussian Processes

Philip Sterne

Machine Learning in Python - Gaussian Processes

# Philip Sterne

start: **14:15** end: **15:00**

Len: 00:45:00 id: 114

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Building for 100x scale

Simon Kelly

# Building for 100x scale

# Simon Kelly

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Traversing the last mile to the financially underserved with Python

Ted Pietrzak, Sam Kitonyi

Traversing the last mile to the financially underserved with Python

# Ted Pietrzak, Sam Kitonyi

start: **10:00** end: **10:45**

Len: 00:45:00 id: 114

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Open Source Software Initiatives in Zimbabwe

Anna Makarudze

Open Source Software Initiatives in Zimbabwe

# Anna Makarudze

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end: 12:45

Len: 01:30:00

id: 114

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Deep Learning in Python

Tobias Brandt

# Deep Learning in Python

# Tobias Brandt

start: **13:30** end: **15:00**

Len: 01:30:00 id: 114

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Data Mining and Processing for fun and profit

Reuben Cummings

Data Mining and Processing for fun and profit

# Reuben Cummings

start: **15:30**    end: **16:15**    Len: 00:45:00    id: 114

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Python-assisted creative writing: managing dynamic gender in RPG scenarios

Adrianna Pi█ska

Python-assisted creative writing: managing dynamic gender in RPG scenarios

# Adrianna Pi█ska