

Friday - May 17th, 2024

	Ballroom A	Ballroom BC	Room 301-305	Hall C	Room 310/311
07:30AM	Breakfast (Expo Hall A)				
09:00AM	Welcome (Expo Hall B)				
09:25AM	PSF Welcome (Expo Hall B)				
09:45AM	Jay Miller Keynote (Expo Hall B)				
10:30AM	Break (Expo Hall A)				
11:00AM	Making Your Documentation Interactive with PyScript Jeff Glass	Build a data visualization app for your phone Russell Keith-Magee	Extensible Python: Robustness Through Addition Pat Viafore	Mock It Till You Make It: How to Verify Your External Mocks Without Ever Leaving Unittest Liz Acosta	Desentrañando el Misterio del Distributed Tracing con Python Israel Blancas <small>Charla</small>
11:30AM	Rewind: Python Time-Travel Debugger Toby Ho	Making Beautiful, Publication Quality Tables in Python is Possible in 2024 Michael Chow, Richard Iannone	What makes a Python debugger possible and how can we make it 100x faster Tian Gao	Breathing Life into Python: Automated Cleanup of the Dead Code Swarna Swapna Ilamathy	Apache Arrow - El format columnar! Lo cual? Raúl Cumplido <small>Charla</small>
12:15PM	Seeing is Believing - Using Diagrams to Communicate Complex Ideas with Python Tadeh Hakopian	Times and dates in Pandas Reuven M. Lerner	The Design of Everyday APIs Lynn Root	Ruff: An Extremely Fast Python Linter and Code Formatter, Written in Rust Charlie Marsh	Personalizando LLMs: Guía para "Fine-Tuning" local de modelos Open Source en Español Maria Jose Molina Contreras <small>Charla</small>
12:30PM	Lunch		Lunch	Lunch	Lunch
01:00PM	Lunch	Lunch	Lunch	Lunch	Lunch
01:15PM	Lunch	Lunch	Lunch	Lunch	Lunch
01:45PM	Lunch	Lunch	Lunch	Lunch	Lunch
02:00PM	Modern binary build systems Henry Fredrick Schreiner III	Continuous Deployment and Release of Django Apps Vinicius Mendes	PEP 695, or how typing syntax led to a scoping rabbit hole Jelle Zijlstra	Python ate my Homework! Evan Kohilas	Entendiendo y confiando en tus dependencias en Python Yolanda Robla, Luis JCharla
02:30PM	Hatch: The only tool you need Ofek Lev	Pydantic Power-up: Performance Tips for Lightning-Fast Python Applications Sydney Runkle	Enhancing Decorators with Type Annotations: Techniques and Best Practices Koudai Aono	You've got trust issues, we've got solutions: Differential Privacy Vikram Waradpande	Facilitar la comprensión de un análisis de neuroimágenes 🧠 Carlos Aranibar <small>Charla</small>
03:15PM	Geospatial Validations Using FastAPI and PostGIS Lazouich Ford	Profiling at the speed of light Pablo Galindo Salgado	PEP 683: Immortal Objects - A new approach for memory managing Vinicius Gubiani Ferreira	Procedurally Generated Monsters! A complete example of Python game development	Porque SQL está en todas partes. Phillip Cloud, Naty Clementi

04:00PM

Break
(Expo Hall A)

04:30PM

LSP Demystified - How to write an LSP server in Python
Chahak Mehta

pytest for unittesters
Paul Ganssle

Interactive Software Documentation, with PyScript
Valerio Maggio

How to amplify diversity inside a Python community?
Juliana (Jules) Barros Lima

Hackeando el Pensamiento: Traduciendo Señales Eléctricas del Cerebro en Acciones a través de Modelos LLM.
Adonai Vera Charla

05:00PM

05:15PM

Near Zero-Overhead Python Code Coverage
Juan Altmayer Pizzorno

There and Back Again: Reverse Engineering Python Binaries
Josh Wiedemeier

Build in-browser 3D experiences with WebGL and PyScript
Lukasz Langa

Acknowledging Women's Contributions in the Python Community Through Podcast
Cheuk Ting Ho, Georgi Ker, Mariatta, Tereza Iofciu

¡Pero si funciona en mi computadora! Cómo lograr que nuestros análisis de datos sean reproducibles
Riva Quiroga Charla

05:45PM

06:00PM

Lightning Talks
(Expo Hall B)

07:00PM

Saturday - May 18th, 2024

Ballroom A

Ballroom BC

Room 301-305

Hall C

Room 310/311

07:30AM

08:00AM

Breakfast
(Expo Hall A)

Lightning Talks
(Expo Hall B)

09:00AM

Diversity & Inclusion Panel
(Expo Hall B)

09:25AM

Simon Willison
Keynote
(Expo Hall B)

10:05AM

Break
(Expo Hall A)

10:30AM

Visual Data Storytelling with Blender and Python
Neeraj Pandey, Manoj Pandey

Hacking `import` for speed: how we wrote a GPU accelerator for pandas
Bradley Dice

Event-Driven asyncio: A Case Study of Trio's API
Junya Fukuda

Friends don't let friends package alone
Leah Wasser

Observabilidad en Python para principiantes
Ana Paula Gonzaga Charla

11:00AM

11:15AM

Combining Django ORM & FastAPI in a Single App
Mia Bajić

Overcoming GIL with subinterpreters and immutability
Yury Selivanov

Functional Error Handling
Bruce Eckel

Making Python safer than ever
Cheuk Ting Ho

¿Qué pasa, calabaza(_bot)? Ingeniería de datos para mi salud mental
Sergio Sanchez Charla

11:45AM

12:00PM

Python and Data Storytelling to the Rescue: Let's Avoid More Deaths by PowerPoint

Measuring the performance of CPython
Michael Droettboom

Having fun with pydantic and pattern matching
Sebastian Buczyński

Building a Rusty path validation library for PyCA Cryptography
William Woodruff

Usando Python en una oficina tradicional
Steph Orellana Bello

	Sebastián Flores				Charla
12:30PM	Lunch	Lunch	Lunch	Lunch	Lunch
12:45PM					
01:30PM	Everything is a graph, including LLM Applications (and that's handy) Tuana Celik	Lies, damned lies and large language models Jodie Burchell	How Python Harnesses Rust through PyO3 David Hewitt	Speed is Not All You Need for Data Processing Kevin Kho, Han Wang	Explicando el sistema de un vehículo autónomo con Python. Jesus Armando Anzures
01:45PM					
02:15PM	Pandas + Dask DataFrame 2.0 - Comparison to Spark, DuckDB and Polars Patrick Hoefler	Improve Your ML Projects: Embrace Reproducibility and Production Readiness with Kedro Juliana Ferreira Alves	Eternal sunshine of the spotless development environment Sarah Kaiser	NetworkX is Fast Now: Graph Analytics Unleashed Mridul Seth, Erik Welch	Construyendo Puentes en Diversidad, Equidad e Inclusión en Open Source Lucy Jiménez
02:30PM					
03:00PM	Python and SQL: Better Together, Powered by DuckDB Alex Monahan, Gabor Szarnyas	Trust Fall: Three Hidden Gems in MLFlow Krishi Sharma	CPython's Compilation Pipeline Irit Katriel	Testing Data Pipelines Amitosh Swain	Embeddings, transfer learning y más: LLM a tu medida Jorge de Paz
03:15PM					
03:45PM	Break (Expo Hall A)				
04:15PM	Weaving algorithms: the threads that bind the python and textile communities Kelsey Vavasour	Computational Origami Alastair Stanley	Creative Coding with py5, the Python version of Processing James Schmitz	Open Source Industrial Control: Turning 2,800 Tons of Metal with Python and Flask Jacob Lapenna	Clasificación de violencia mediante análisis de audio y embeddings Carla Marcela Florida Román
04:45PM	A Fireside Chat With the Hosts of the Core.py Podcast Lukasz Langa, Pablo Galindo Salgado	Hybrid Quantum-Classical Machine Learning using Qiskit Naveed Mahmud	Demystifying AsyncIO: Building Your Own Event Loop in Python Arthur Pastel	Using Python to assess landslide risk: A matter of life and death Eric Matthes	Proyecto Centinela: Seguridad en el hogar usando Raspberry Pi y Tensorflow Monica Limachi
05:00PM					
05:30PM	Lightning Talks (Expo Hall B)				
05:45PM					
06:45PM					

Sunday - May 19th, 2024

	Ballroom A	Ballroom BC	Room 301-305	Hall C
08:00AM	Lightning Talks (Expo Hall B)		Breakfast (Expo Hall A)	
09:00AM	Kate Chapman Keynote (Expo Hall B)			
09:45AM	PSF - Meet our Security Engineers (Expo Hall B)			
10:00AM	Job Fair	Posters	Break	

			(Expo Hall A)	
12:00PM	(Expo Hall A)	(Expo Hall A)	Lunch (Expo Hall A)	
01:00PM	Building a JIT compiler for CPython Brandt Bucher	Rest Easy with Jupyter: Deploy notebooks as web services Koushik Krishnan	AI, IP, and Your Code: What Developers Need to Know Alla Barbalat	Open Source Robotics with Python: Learn Robotics with No Robot Required Kat Scott
01:30PM	How two undergrads from the other side of the planet are speeding up your future code Ken Jin, Jules Poon	Graphs and Vogue Dance: using data structures to create choreographies Alynn Ferreira	A low latency deepdive of Python with Cython Saksham Sharma	Connecting Old to New with CircuitPython: Retrocomputer input devices on modern PCs Jeff Epler
02:15PM	Unlocking the Parallel Universe: Subinterpreters and Free-Threading in Python 3.13 Anthony Shaw	Sync vs. Async in Python: Tools, Benchmarks, and ASGI/WSGI Explained Arun Suresh Kumar	SPy (Static Python) lang: fast as C, Pythonic as Python Antonio Cuni	Building FPGA-based Machine Learning Accelerators in Python Tim Paine
03:00PM	Sumana Harihareswara Keynote (Expo Hall B)			
03:15PM				
04:00PM	Steering Council Panel (Expo Hall B)			
04:35PM	Python Software Foundation Update (Expo Hall B)			
05:00PM	Closing (Expo Hall B)			
05:15PM				