Hour	Auditorio Fundadores	Auditorio de Humanidades #110 - Bloque 38	Auditorio de Humanidades #101 - Bloque 38	
7:00 - 7:55	Attenders Arrival - Kits Delivery			
7:55 - 8:05	Opening (Organizers)			
8:05 - 8:20	EAFIT			
8:20 - 9:20	Andrew Godwin (Keynote)			
9:35 - 10:15	AP-1: (Computer Science) Mauricio Collazos - Hablemos de voz [ES]	AL1-1: (Development) Carlos Villavicencio - Did you know it's possible to avoid bugs only by using types? Meet "Type Driven Development" [ES]	AP-1: (IoT) José Laica - Creando aplicaciones de MicroPython para módulos ESP01 y ESP32 [ES]	
10:15 - 10:45	Breakfast			
10:45 - 11:25	AP-2: (Computer Science) Jesús Solano - Movie Genre Classification Using Deep Multimodal Neural Networks [ES]	AL1-2: (Development) Jonathan Vallejo - Como migrar mi proyecto de Python 2 a Python 3 [ES]	AP-2: (IoT) José Benitez - The road so far on building a web platform for drones [EN]	a
11:40 - 12:20	AP-3: (Computer Science) Javier Vergara - Tumaini: A Deep learning object detection API integrated to an android app, case of study in banana disease detection [ES]	AL1-3: (Development) Flavio Percoco - Inheriting code, and I don't mean classes [EN]	AP-3: (IoT) Sebastian Arango - Enhancing Data Privacy through Federated (Machine) Learning [ES]	a
12:35 - 13:15	AP-4: (Computer Science) Jose Zapata - Comprension de la musica con Python, una mirada desde la Fisica y la Matematica [ES]	AL1-4: (Development) Milton Lenis - Debugging: A Senior's Skill [EN]		a
13:15 - 14:45	Lunch Time			
14:50 - 15:30	AP-5: (Computer Science) Waldemar Lopez - Representación vectorial de nombres de dominio de Internet mediante técnicas de word embeddings [ES]	AL1-5: (Development) Kevin Hernández - Y is X but X is not always Y: An introduction to Python internals [ES]		
15:40 - 16:20	AP-6: (Computer Science) Kevin Patrón - A Python library for Teaching-Learning-Based Optimization [ES]	AL1-6: (Development) Oscar Cortez - Modern Python packaging without pain [EN]		a
16:20 - 16:40	Coffee Break			
16:40 - 17:00	Huawei (Sponsor)			
17:00 - 18:00	Sarah Guido (Keynote)			
18:00 - 18:10	Closing (Organizers)			

	2 keynotes	Development		
	15 speakers	IoT		
	1 sponsor space	Computer Science		

Hour	Auditorio Fundadores	Auditorio de Humanidades #110 - Bloque 38	Auditorio de Humanidades #101 - Bloque 38
7:15 - 7:45	Attenders Arrival		
7:45 - 8:00	Opening (Organizers)		
8:00 - 9:00	Wes McKinney (Keynote)		
9:10 - 9:50	AP-7: (PyData) Miguel Cabrera - Time Series Forecasting using Machine Learning [EN]	AL1-7: (DevOps) Andrés Torres - Programación en paralelo con Python: sácale jugo a los núcleos de tu computadora [ES]	AL2-7: (Web) Kevin Sarmiento - Building a Scalable Food Delivery Service Using ElasticSearch Geo Queries [ES]
10:00 - 10:40	AP-8: (PyData) Yilsey Benavides - Máquinas de aprendizaje para análisis de datos geoespaciales en procesos de identificación de cobertura terrestre e índices [ES]	AL1-8: (DevOps) Miguel Bolívar - It takes some engineering ⚙ to serve 41679 users [ES]	AL2-8: (Web) Nick Sweeting - Archiving the Internet Before it All Rots Away [EN]
10:40 - 11:00	Coffee Break		
11:00 - 11:40	AP-9: (PyData) Luis Camacho - High Performance Pandas 2: Time series data analysis [ES]	AL1-9: (DevOps) Gustavo Angulo - Antes mi servicio se demoraba 5 seg y ahora 300 miliseg usando Profiling [ES]	AL2-9: (Web) Andrés Gonzalez - IDK: Connecting APIs, developers, bots and customers with Django, Channels, and VueJS [EN]
11:50 - 12:30	AP-10: (PyData) Carlos Patiño - Probabilistic Programming: Using Python to Simplify Statistical Inference [EN]	AL2-11: (Development) Camilo Cardona - Desarrollo de Dashboards interactivos en Jupyter para personas desinteresadas en interfaces gráficas [ES]	AL2-10: (Web) Rodolfo Edelmann & Carlos de la Torre - Conectando microservicios con Python [ES]
12:30 - 14:00	Lunch Time		
14:00 - 14:40	AP-11: (PyData) Ivan Torroledo - Taking machine learning models to production level [ES]	AL2-12: (Development) Jesús Anaya - Prueba tu código con PyTest [ES]	AL2-3: (Security) Ben Dechrai - My voice is my passport. Verify me? [EN]
14:50 - 15:30	AP-12: (PyData) Ángel Galicia - Procesamiento de datos en sistemas distribuidos con python [ES]	AL2-1: (Community) Felipe dos Santos - AfroPython: Empowering black people using Python in Brazil [EN]	AL2-4: (Security) Galoget Latorre - Hacking Ético con Python [ES]
15:40 - 16:20	AP-13: (PyData] Manuel Alvarado - Ocultando datos en datos [ES]	AL2-2: (Community) Sebastian Flores - Presentaciones y encuestas interactivas en jupyter notebooks y RISE [ES]	AL2-5: (Security) María Remolina - Breaking the Enigma: what if Turing had Python? [EN]
16:20 - 16:40	Coffee Break		
16:40 - 16:55	Globant (Sponsor)		
17:00 - 18:00	Ines Montani (Keynote)		
18:00 - 18:05	Closing (Organizers)		

	2 keynotes	Web	
	21 speakers	DevOps	
	1 sponsor space	PyData	
		Development	
		Security	
		Community	

Hour	Félix Restrepo	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Room 11	Room 12
9:00 - 9:30	Attenders Arrivals												
9:30 - 11:30		WS-S1-1: (Multi-processing) Jorge Galvis - Concurrency in Python	WS-S2-1: (Artificial Intelligence) Jorge Martínez Gómez - Taller de procesamiento digital de imágenes y visión por computadora	WS-S3-1: (Internet of Things) Jhon Paulo Merchán - Luces, MicroPython... ¡Acción!: Arte interactiva con MicroPython y leds neopixel programables	WS-S4-1: (PyData) Alexander Cabezas - Data Analytics and Data Processing with Apache Spark [Globant]	WS-S5-1: (Web) Betina Costa - Developing a Crawler API with Scrapy and Klein	WS-S6-1: (Development) Andrés Roldán - Rompiendo el Build con Python en tu Integrador Continuo [FluidAttacks]	WS-S7-1: (Web) Juan Sebastian Parada Celis - Introducción a Rest API con Django Rest Framework	WS-S8-1: (Artificial Intelligence) Marta Maleyka Magallon - Crea tu primera red neuronal en Python con Keras	WS-S9-1: (Computer Vision) Ariel Calzada, Yeimy Arevalo, Felipe Mejía - Creación de un pipeline básico de reconocimiento facial [Globant]	WS-S10-1: Juan Salvador Bahamón - Explorando relaciones con bases de datos orientadas a grafos (Neo4j) con Python [Omnibnk]	WS-S11-1:	WS-S12-1:
11:30 - 13:00	Lunch Time												
13:00 - 15:00		WS-S1-3: (Natural Language Processing) Angelica Landazabal - Aplica el análisis de sentimientos a tu red social desde cero	WS-S2-3: (Artificial Intelligence) Rodolfo Ferro - Deep Learning as a Service – Building cloud-based intelligent solutions	WS-S3-3: (Internet of Things) Steven Alexander Silva Mendoza - ASyncio microTelegram Bot	WS-S4-3:(PyData) David Mauricio Delgado Ruiz - Más allá de matplotlib y reportes PDF: creación de dashboards dinámicos con Dash de Plotly y Python	WS-S5-3: (Web) Edward Yesid Villegas Pulgarin - Creando una aplicación web en el ecosistema Jupyter	WS-S6-3: (Debugging) Sergio Pulgarin - Debugging beyond the print( ) call. Python debugging challenge	WS-S7-3: (Web) Andrés Gonzalez - Real time Django + Vue.js	WS-S8-3: (Computer Science) Mauricio Repetto - ¡Tierra a la vista baby! – Reconocimiento de planetas con Python [UruIT]	WS-S9-3: (Deep Learning) Aldemar Hernandez, Alejandro Gómez - Self-driving cars, robotica con Deep Learning [Globant]	WS-S10-3: Nick Sweeting - Three approaches to modern py devops: bare-metal, kubernetes, and lambda [Monadical]	WS-S11-3:	WS-S12-1:
15:10 - 16:10	Emily Morehouse (Keynote)												
16:10 - 16:25	Coffee Break												
16:25 - 16:40	Linode (Sponsor)												
16:45 - 17:45	Fernando Perez (Keynote)												
17:45 - 18:15	Closing (organizers)												

	2 keynotes
	19 workshops