

Schedule Overview

GeoPython 2017

Day 1: May 8, 2017

08:30 Registration Opens			
09:00 – 09:20	AUDITORIUM Opening Ceremony GeoPython 2017		
09:30 – 12:30	AUDITORIUM Workshop 2h Working with 3D point clouds with Python João Paulo Pereira (Coffee Break: 10:30-11:00)		ROOM 621 Workshop 2.5h Python for Beginners, Part I Martin Christen (Coffee Break: 10:30-11:00)
12:30 – 13:30 Lunch Break			
13:30 – 15:30	AUDITORIUM Workshop 2h Build your own Geospatial Microservice using Python/Flask/PostGIS Iain Hunter	ROOM 232 Workshop 1h Accessing data cubes with Python and web services Oliver Clements	ROOM 621 Workshop 2h Python for Beginners, Part II Martin Christen
15:30 – 16:00 Coffee Break			
16:00 – 18:00	AUDITORIUM Workshop 2h Professional Python GIS Development with ArcGIS Pro Clinton Dow	ROOM 621 Workshop 2h QGIS and Python - Easy Programming QGIS with Python for Expression Functions Stefan Keller	
18:00 – 21:00 Ice Breaker Party			

Day 2: May 9, 2017

08:30	Registration Opens
09:00 – 09:15	AUDITORIUM Opening Day 2
09:15 – 10:30	AUDITORIUM Session 1: <ul style="list-style-type: none">- Exploring Discrete Global Grid Systems with Python, Clinton Dow- Advanced features in PyWPS 4.0.0, Luís de Sousa- Using Python and FME ETL, Danilo de Lima
10:30 – 11:00	Coffee Break
11:00 – 12:40	AUDITORIUM Session 2: <ul style="list-style-type: none">- Developing a useful hydrogeological tool with Python; an Irish example, Shane Carey- Application and integration of Python in the geodata management of a local government, Hans-Jörg Stark- Python Middleware Services for a Web Atlas integrated in a Spatial Data Infrastructure, Barend Köbben- Introduction to the ArcGIS API for Python, Rohit Singh, Matthias Schenker
12:40 – 13:40	Lunch Break
13:40 – 14:40	AUDITORIUM Lightning Talks (5 Minutes talks)
14:40 – 16:30	AUDITORIUM Session 3: <ul style="list-style-type: none">- Python for HPC geophysical applications, Octavio Castillo-Reyes- Analyzing Spatial Data along Tunnels, Katharina Kaelin, Lea Scheffer, Joseph Kaelin- Organizing Geotechnical Spatial Data, Alan Hodgkinson, Joseph Kaelin, Philippe Nater- How to work with the limitations of the least cost path algorithm, Joram Schito
16:30 – 17:00	Coffee Break
17:00 – 18:00	AUDITORIUM Session 4: <ul style="list-style-type: none">- Getting metrics from a Pyramid application, Patrick Valsecchi- Crash test of Django ORM, Andrii Soldatenko- Creating 3D Visualizations using pyRT, Martin Christen
19:00 – 22:00	Conference Dinner

Day 3: May 10, 2017

08:30	Registration Opens
09:00 – 09:10	AUDITORIUM Opening Day 2
09:10 – 10:50	AUDITORIUM Session 5: <ul style="list-style-type: none">- Improving urban mobility through data analysis, Uli Stroetz- Processing OpenStreetMap data with PyOsmium, Sarah Hoffmann- GeoHealthCheck - QoS Monitor for Geospatial Web Services, Just van den Broecke- An interview with Alexa, Jez Nicholson
10:50 – 11:10	Coffee Break
11:10 – 12:25	AUDITORIUM Session 6: <ul style="list-style-type: none">- Deep dive into the ArcGIS API for Python, Rohit Singh, Matthias Schenker- Development of an Acquisition Software for our Image-Based Indoor Mobile Mapping System based on the Robotic Operating System (ROS), Stefan Blaser- Python-based Big Data Processing and Serving for Rich Web Applications, Joel Burkhard
12:25– 13:15	Lunch Break
13:15 – 14:15	Lightning Talks (5 minutes talks)
14:15 – 15:30	AUDITORIUM Session 7: <ul style="list-style-type: none">- Mapping Data in Jupyter Notebooks with Pixiedust, Margriet Groenendijk- GeoJSON Analysis with meza, Reuben Cummings- Data processing for water consumption monitoring, Kostiantyn Shysh
15:30 – 15:50	AULA Closing Session

Venue

FHNW – University of Applied Sciences and Arts Northwestern Switzerland

Gründenstrasse 40, 4132 Muttenz, Switzerland

lat, lng = 47.533694, 7.637539 # GeoPython Conference



From Airport:

Take Bus number 50 to Basel SBB, then follow directions below.

From Basel SBB (Swiss & French railway station)

By Tram

From Basel SBB take the tram 8, 10, or 11 to «Aeschenplatz». Change to tram 14 to «Zum Park». Walk about 4 minutes to Gründenstrasse 40.

By Train:

Take the train S1 or S3 from „Basel SBB“ to „Muttenz“ (1st Stop, 6 Minutes). Then walk to „Gründenstrasse 40“ (about 8 minutes.)

By Car:

Enter „Kriegackerstrasse 30, 4132 Muttenz“ in your Navigation System. Parking lots are just on the **opposite side**.

Coordinates are: lat, lng = **47.534105, 7.639607**
(ask at registration desk for parking cards)