

PYPARIS 2017
JUNE 12TH & 13TH
POLE UNIVERSITAIRE DE VINCI

Detailed schedule



Conférences - June 12th

Starting at	Amphi H	Amphi F	Amphi C	Amphi G
09:00	Introduction Stefane Fermigier , Program Chair			
09:15	Keynote: Sylvain Corlay, Quantstack Applied mathematician, open-source developer (contributor to Jupyter)			
10:00	Eyepea/ALLOcloud Senior software developer and engineer			
10:45	Coffee break			
11:00	Neat Analytics with Pandas Indexes Alexander Hendorf	From Python to smartphones: neural nets @ Saint-Gobain François Sausset	Serve an Hypermedia API using CubicWeb-JSONSchema Nicolas Chauvat	Mock it right! A beginner's guide to world of tests and mocks Maciej Polańczyk
11:20	Pandas: what's new and what's coming Joris Van den Bossche	Using Python to fight Malaria Pierre Poulain	Using Python for IoT: a return of experience Alexandre Abadie	
11:45	Some extensions for Jupyter/IPython notebook Jean-François Bercher	Collaborative filtering for recommendation systems in Python Nicolas Hug	Syncing up with Python's asyncio for (micro) service development Joir-dan Gumbs	Incremental Computation in Python Phillip Schanely
12:30	Lunch break			
14:00	Advanced Data Engineering Patterns with Apache Airflow Maxime Beauchemin	Automatic image moderation in classifieds Jarosław Szymczak	Building a high-performance, scalable ML & NLP platform with Python Sheer El Showk	Improving python memory management in a multi-process environment with wendelin.core Jean-Paul Smets
14:20				
14:45	Simple ETL in python 3.5+ with Bonobo Romain Dorgueil	A Beginners Guide to Weather & Climate Data Margriet Groenendijk	DESIGNING AND CODING FOR CLOUD-NATIVE APPLICATIONS USING PYTHON Harjinder Mistry	Writing a C Python extension in 2017 Jean-Baptiste Aviat
15:30				
15:50	Exploring French Job Ads Lynn Cherny	Automatic image moderation in classifieds Jarosław Szymczak	Ways to generate PDF from Python Web applications Gaël Le Mignot Serverless architecture in Python with Azure Functions Benjamin Talmard	Call a C API from Python becomes more enjoyable with CFFI Jean-Sébastien Bevilacqua
16:15	Coffee break			
16:45				
17:05	Open-Source Analytics Stack on MongoDB, with Schema Pierre-Alain Jachiet and Aurélien Gervasi	The rod of Asclepius: Machine learning in Python for cardiac image analysis Jan Margeta Machine Learning in computational materials science: an overview, a primer, and a rant Igor Mosyagin		Developer-friendly task queues: what we learned building MRQ Sylvain Zimmer
17:30	FluidDyn, open-science in fluid dynamics with Python: examples of recent developments Pierre Augier	FreeDiscovery - information retrieval and e-Discovery in Python Roman Yurchak		Robustifying concurrent.futures Thomas Moreau
18:15	End of conferences			
	Data 1	Data 2	Web / Cloud	Core

Conférences - June 13th

Starting at Amphi H Amphi F Amphi G

09:00	Keynote Nicholas Tollervey , Tollervey Ltd. software engineer, classically trained musician, philosophy graduate, teacher and writer.		
09:50	How to make teenage girls love coding using Python and the visual arts-oriented language Processing ? Ch'ticode , Université de Lille	Performant Python Burkhard Kloss	Machine Learning for Computer Security Experts using Python & scikit-learn Anaël Bonneton
10:35	Camisole : a secure online sandbox to grade students Antoine Pietri (Prologin)	Wolfcrypt: wrapping secrets in Python Moisés Guimarães de Medeiros	Cloud computing made easy in Joblib Alexandre Abadie
11:00			Imbalanced learn Guillaume Lemaître
11:20	MOOC roundtable	Unicode and bytes demystified Boris Feld	Introduction to pomegranate Venkat Raghav Rajagopalan
11:45	Lunch break		
14:00	Micro:bit workshop		Building and deploying a predictive API using scikit-learn, Flask and Docker Nawfal Tachfine
14:45			How to prepare your text data for NLP applications Loryfel Nunez
15:30	Introduce AI to kids? It's possible! Jill-Jênn Vie		Machine Learning to moderate ads in real world classified's business Vaibhav Singh
15:50	Circuit Simulation using Python Fabrice Salvaire		
16:15	coffee break		
16:45	Lightning talks		
17:30	Keynote Andreas Müller , Columbia University scikit-learn core developer / author of the O'Reilly book "Introduction to machine learning with Python"		
18:15	End of conferences		
	Education	Core / Web	Scikit-Learn Day

Tutoriels - June 13th

Starting at	salle E109/110	salle E111/112	salle E115/116
11:00	Program in Python against big data clusters from one VM, thanks to Docker Benjamin Guinebertière	Introduction to Data Analysis using Python Francis Wolinski	An introduction to Deep Learning with mxnet Julien SIMON
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12:30			
<i>Lunch break</i>			
14:00	AsyncIO and aiohttp workshop Ludovic Gasc	Data analysis with Pandas Joris Van den Bossche	Topic Modelling (and a lot more) with NLP framework Gensim Bhargav Srinivasa Desikan
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16:00			

Starting at	salle E152/153	Amphi H
11:00	Function-as-a-Service: A Pythonic Perspective on Serverless Computing Josef Spillner	
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12:30		
	<i>Lunch break</i>	
14:00		Micro:bit workshop
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16:00		