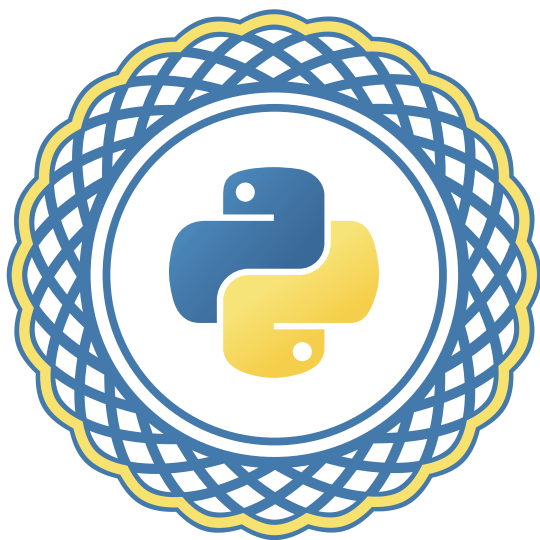# PYCON 2017
Slovakia

10-12 March 2017   Bratislava, Slovakia

CODE OF CONDUCT

The Python community is made up of members from around the globe with a diverse set of skills, personalities, and experiences. It is through these differences that our community experiences great successes and continued growth. When you're working with members of the community, we encourage you to follow these guidelines which help steer our interactions and strive to keep Python a positive, successful, and growing community.

A member of the Python community is:

OPEN

Members of the community are open to collaboration, whether it's on PEPs, patches, problems, or otherwise. We're receptive to constructive comments and criticism, as the experiences and skill sets of other members contribute to the whole of our efforts. We're accepting of all who wish to take part in our activities, fostering an environment where anyone can participate and can make a difference.

CONSIDERATE

Members of the community are considerate of their peers – other Python users. We're thoughtful when addressing the efforts of others, keeping in mind that often times the labor was completed simply for the good of the community. We're attentive in our communications, whether in person or online, and we're tactful when approaching differing views.

RESPECTFUL

Members of the community are respectful. We're respectful of others, their positions, their skills, their commitments, and their efforts. We're respectful of the volunteer efforts that permeate the Python community. We're respectful of the processes set forth in the community, and we work within them. When we disagree, we are courteous in raising our issues.

Overall, we're good to each other. We contribute to this community not because we have to, but because we want to. If we remember that, these guidelines will come naturally.

Participants of PyCon SK fully identify with the Code of Conduct of the Python community. We create an environment, which is open to everyone, regardless of sex, sexual orientation, race, education or religion. All communication should be respectful and professional. We will be tolerant to each other.
We do not offend or vilify other members. We behave professionally. Harassment, sexist, racist or otherwise demeaning jokes are improper at our meetings. We will not tolerate any harassment of participants of meetups in any form.

PHOTOGRAPHY POLICY

Plenty of people love to take pictures, share them or be in them. However, be aware that not everyone wants to be photographed.

If you see someone wearing a red sticker, this person does not wish to be photographed. Please do not ask or persuade them. If you find someone with such sticker in one of your photos, it would be nice if you do not share it and remove it from your collection.

We assume that a person not wearing a red sticker does not mind to be photographed.

STAY CONNECTED

wifi SSID: PyConSK
password: FIITpyconsk2017

Don't suppress your curiosity

Thanks to sli.do we all have a unique possibility to satisfy our curiosity. Anyone in the audience can ask questions via a web application and vote for the best ones.

• Use our unique code #PyConSK to join the discussion and ask questions.
• Ask a question, anonymously or using your name.
• You can vote up the questions you like the most.
• The best questions will be read aloud so the speaker can answer.

Visit URL https://www.sli.do and use our unique code #PyConSK.

PyconSk at Social Media

Official hash tag for social media is #PyConSK

Social media posts with this hash tag automatically enter a lottery. If you want to win attractive prizes, do not forget to use it!

SPONSORS

We would like to thank all of our sponsors. Without their generous support this event would not be possible.

Need a sentenco or two more here

PLATINUM

Exponea

The marketing cloud to deliver one-on-one customer experience in days

Exponea helps e-commerce businesses harness the value of collecting, analysing, and acting upon customer data. Our marketing cloud platform is used by companies on 5 continents. Our development team is based in Bratislava, where we work with technologies such as Python 3, C++, Apache Spark, Hadoop, MongoDB, ElasticSearch, Angular 2, and our proprietary in-memory database called BlinkBytes.

Kiwi.com

A unique online travel agency for travellers by travellers

Kiwi.com, formerly known as Skypicker, is an online travel agency with groundbreaking Virtual Interlining technology and a focus on exceptional customer service. Our unique flight search algorithm allows our customers to combine flights from airlines who do not normally collaborate onto a single itinerary, often resulting in significant savings.

Python Software Foundation

A nonprofit for promoting Python Programming Languge

The Python Software Foundation is a nonprofit dedicated to advancing and promoting Python. The PSF supports and encourages Python events world-wide to advance its mission of growing the international community of Python programmers, and hosts the North American PyCon conference as its flagship annual event.

BRONZE

DJANGO GIRLS

MEDIA PARTNERS

TIMETABLE

A word about lightning talks

A lightning talk has only one rule: 5 minutes and stop.

Want to give a talk, but do not have enough material for a full talk? Have a shout-out for an open source project or tool? Want to share a community story (everyone loves stories!)? Preach the must-know fundamentals of virtualenv, PyPI, import this, etc? Then lightning talks are for you!

These talks are, at max, 5 minute talks done in quick succession in the main hall. No need to fill the whole slot, though!

Lightning talks are low stress, tons of fun, and are rumoured to have originated at one of the very first PyCons years ago. (https://us.pycon.org/2014/speaking/cfp/)

Friday: The Slovak Day

Track 1 — Large auditorium (−1.61)

8:00 Registration

8:45 Conference opening (SK,10 min)

9:00 Návrhové vzory, Miroslav Reiter (SK, 30 min)

9:30 Closures in Python, Slavomír Hudák (SK, 30 min)

10:10 Spracovanie textu a Machine Learning v Pythone, Vladimir Boza (SK, 45 min)

11:05 ctypes tutorial, Matúš Valo (SK, 30 min)

11:45 Mozilla ♥ Python, Michal Vašíček (SK, 30 min)

13:15 slovensko.digital, Ján Suchal (SK, 30 min)

13:55 Open Data - Introduction, Status in Slovakia And Role of Python, Peter Hanečák (SK, 30 min)

15:20 MicroPython & TREZOR, Pavol Rusnak (SK, 30 min)

16:00 Ako môže AI v Pythone pomôcť firme rásť, Jožo Kováč (SK, 30 min)

16:40 Keynote, (SK, 30 min)

17:15 Lightning Talks

Track 2: "EduTrack" — Small auditorium (−1.60)

9:00 Prečo učiť Python, RNDr. Andrej Blaho, PhD. (SK, 60 min)

10:10 Programovanie v škole: Primerané, udržateľné, rešpektované a integrované. Platí či neplatí?, prof. RNDr. Ivan Kalaš, PhD. (SK, 45 min)

11:05 Základy programovania v jazyku Python pomocou korytnačej grafiky, Mgr. Eva Mészárosová (SK, 30 min)

11:45 Skúsenosti s vyučovaním programovania v jazyku Python na strednej škole, Mgr. Jaroslav Výbošťok (SK, 30 min)

11:45 Grafika v Jupyter notebookoch a vplyv programovacích prostriedkov na dušu študenta i učiteľa, Michal Kaukič (SK, 30 min)

13:15 Programujeme v Pythone, Mgr. Peter Kučera (SK, 30 min)

13:55 Jazyk Python v programátorskej súťaži PALMA junior, doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD. (SK, 30 min)

15:20 Zážitkové vyučovanie programovania na strednej škole, Ing. Zuzana Tkáčová, Paed. IGIP(SK, 30 min)

16:00 Ako funguje evolúcia?, Mgr. Anino Belan (SK, 30 min)

Saturday: Worshops

Workshops 1
Turing Lecture Hall (−1.58)

9:00   Introduction to Game Development with SDL2 and OpenGL
Ladislav Dobrovsky

11:15   Machine Learning with Text In Scikit-learn
Peter Zvirinský

14:10   Data Wrangling with Python
Katharine Jarmul

Workshops2: "Hardware Workshops"
Babbage Lecture Hall (−1.57)

9:00   Introduction to Game Development with SDL2 and OpenGL
Ladislav Dobrovsky

11:15   Machine Learning with Text In Scikit-learn
Peter Zvirinský

14:10   Data Wrangling with Python
Katharine Jarmul

Saturday: The English Day

Track 1   Large auditorium (−1.61)

- 8:00 Registration
- 8:45 Conference opening (SK,10 min)
- 9:00 Jupyter: If You Don't Use It, You're Doing Wrong, Christian Barra (EN, 30 min)
- 9:30 Making Monitoring Boring, Michal Hanula (EN, 30 min)
- 10:20 Building Data Pipelines with Python, Katharine Jarmul (EN, 30 min)
- 11:15 End-to-End Encryption of Distributed Applications, Jeff Lambert (EN, 30 min)
- 11:55 What Makes Silicon Valley SoftwareDevelopers Special, Pavel Serbajlo (EN, 30 min)
- 13:30 Keynote, Rachel Willmer (EN, 30 min)
- 14:10 Our Journey from Developers to Real Software Engineers, Jozef Képesi (EN, 30 min)
- 14:50 From Code to Community, Anton Caceres (EN, 30 min)
- 15:35 Scrum sucks!, Martin Strýček (EN, 30 min)
- 16:15 Through Python to Stars!, Juan Luis Cano Rodríguez (EN, 30 min)
- 16:55 Keynote, Adrian Holovaty (EN, 30 min)
- 17:30 Lightning Talks

Track 2   Small auditorium (−1.60)

- 9:00 How to build up a Python Community and Empower Women, Kristi Progri, Jona Azizaj (EN, 30 min)
- 9:40 From Zero to Hero: Cool and Insipiring Programming Classes, Valdemar Švábenský (EN, 30 min)
- 10:20 Automating Network Equipment with Python, Elisa Jasinska (EN, 45 min)
  Automation with Ansible and Containers, Rodolfo Carvalho (EN, 30 min)
- 11:15 Selinon - A Dynamic Distributed Task Computing with Python, Fridolín Pokorný (EN, 30 min)
- 14:10 You Should Contribute to Open Source, Michal Petrucha (EN, 30 min)
- 14:50 From Open Source to Your Dream Job, Razvan Chitu (EN, 30 min)
- 15:35 The Balance of Python, Petr Viktorin (CZ, 30 min)

Sunday

Sprint
Turing Lecture Hall (−1.58)

9:00 Code Analysis with Coala Sprint
Lasse Schuirmann
(9:00 - 15:30)

Django Girls
Babbage Lecture Hall (−1.57)

9:00 Django Girls
Various Mentors
(9:00-18:00)

Sunday: The Mixed Day

Track 1   Large auditorium (−1.61)

8:45 Conference opening (SK, 10 min)

9:00 Red Hat - How to Build Diverse and Entertaining Open Source Corporate Culture, Jana Gutierrez Chvalkovská (EN, 30 min)

9:40 How Far Can You Go with Python, jakub Balas (EN, 30 min)

10:20 Topic Modelling with Gensim, Bhargav Srinivasa Desikan (EN, 30 min)

11:00 Let's Solve Cardiac Diseases Together: Python Meets Medical Imaging and Machine Learning, Jan Margeta (EN, 30 min)

11:40 Discovering Related Content with Python, Yian Shang (EN, 30 min)

13:10 A Documentation Crash Course for Developers, Chris Ward (EN, 45 min)

14:05 Custom Python Libraries for Robot Framework, Miroslav Beka (EN, 30 min)

14:50 Python Using Redis - What Kicked Our Asses, Honza Grec (EN, 30 min)

15:35 Because Web API Testing Should Be Easy, Honza Javorek (EN, 30 min)

Track 2   Small auditorium (−1.60)

9:00 Data Science & Data Visualization in Python. How to Harness Power of Python for Public Good?, Radovan Kavický (SK, 30 min)

9:40 Je azda Mathlab lepší ako had?, Michaela Gulášová (EN, 30 min)

10:20 Alternatívne spôsoby ako spúšťať testy a vyhodnocovať ich výsledky, ETibor Arpáš (SK, 45 min)

11:00 Sentiment Analysis of Customer Comments, Tibor Zavadil (SK, 30 min)

13:10 The machine's search for Meaning, Peter Fedoročko (SK, 30 min)

14:05 Teaching Python to (Your) Children, Horst Jens (EN, 30 min)

14:50 Object Calisthenics - 9 Steps to Better Code, Pawel Lewtak (EN, 30 min)

15:30 Crash test of Django ORM, Andril Soldatenko (EN, 30 min)
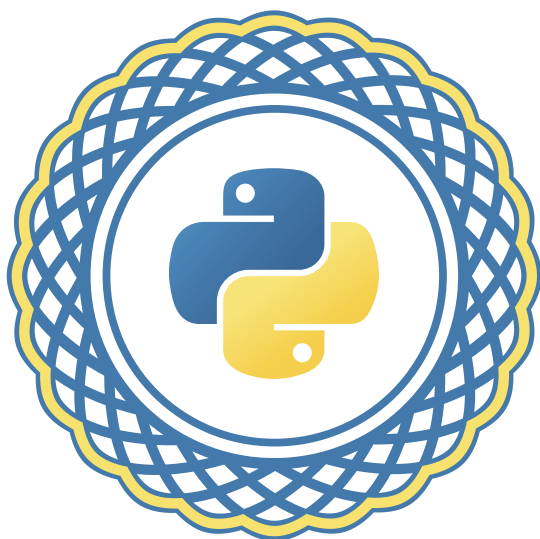
THANK YOU

It is hard if not impossible to list all who have helped to make this exciting event happen. However, we would like to try.

Thanks are due to:
• Andrej Kiska, President of the Slovak Republic.
• Our generous sponsors, supporters and partners.
• All who contributed to the programme - especially our speakers and workshop mentors.
• Marc-André Lemburg, prof. Ing. Miloš Šrámek, PhD. and all conference volunteers.
• Everyone else who contributed to the conference in any way.
• All participants for buying a ticket and contributing to this great community.

In case you would like to send us suggestions how to make the conference better, or you want to share your experience, or you simply want to let us know what you liked or you did not like, please send as feedback: feedback@pycon.sk.

See you in 2018

www.pycon.sk