



# PYCON 2017

# Slovakia

10.3. - 12.3.

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[www.pycon.sk](http://www.pycon.sk)

# 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.

## PLATINUM

### EXPONEA

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

The logo for Exponea, featuring the word "EXPONEA" in a bold, dark blue, sans-serif font. The letters are slightly stylized, with the 'E' and 'A' having unique shapes. The text is set against a bright yellow rectangular background.

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 Language



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.

GOLD



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# TIMETABLE

## FRIDAY

## LARGE AUDITORIUM

- 8:00 Registration
- 9:00 Opening
- 9:20 [How import Works](#), Petr Viktorin (CZ)
- 10:00 [Basics of Functional Programming](#), Andrea Šteňová (SK)
- 10:40 [MicroPython](#), Andrej Mošat' (SK)
- 11:25 [Virtualenv, Flask, Vagrant, etc.](#), Miroslav Beka (SK)
- 12:05 [Jupyter Notebook At Home, In School, Everywhere](#), Michal Kaukič (SK)
- 12:35 Lunch break
- 13:45 [Python And Malware](#), Peter Matkowski (SK)
- 14:40 [Django, Django REST Framework, React](#), Svetlana Margetová (SK)
- 15:20 [Robot NAO - NAO Programming In Python](#), Adam Gluch (SK)
- 16:10 [Mashing Up py.test, coverage.py And ast.py to Take TDD To a New Level](#), Tibor Arpáš (SK)
- 16:50 [Tips And Tricks For Using Functional Features of Python](#), Jakub Ševcech (SK)
- 17:30 Lightning Talks
- 17:50 Thank You

## SATURDAY: TRACK 1

## LARGE AUDITORIUM

- 8:00 Registration
- 9:00 Opening talk
- 9:20 [Teach, Learn, Program](#), Nicholas H. Tollervey (EN)
- 10:00 [Can Free Software Be a Full Time Job?](#), Bjarni Runar Einarsson (EN)
- 10:35 [Building Protocol Libraries The Right Way](#), Cory Benfield (EN)
- 11:20 [Documentation-Driven Development: Lessons From the Django Project](#), Daniele Procida (EN)
- 12:00 [Analyzing Networks In Python](#), Johannes Wachs (EN)
- 12:30 Lunch break
- 13:55 [Behind The Scenes Of Day-To-Day Software Development At Google](#), Petra Cross (EN)
- 14:50 [Painless Testing With Django](#), Max Kharandziuk (EN)
- 15:25 [Python - What You Didn't Know You Didn't Know](#), Martina Šturdíková (EN)
- 16:10 [Python and DTrace](#), Jesús Cea Avión (EN)
- 16:50 [Python Application Security Auditing with Bandit](#), Michael Scherer (EN)
- 17:30 Lightning Talks
- 17:50 Thank You
- 20:00 Dinner @ Nervosa restaurant - please purchase a separate ticket for dinner

## SATURDAY: TRACK 2

## TURING LECTURE HALL

- 10:00 Scientific Computing with Python, Claus Aichinger (EN)
- 10:55 Automatic English Text Correction, Tatiana Al-Chueyr Martins (EN)
- 11:50 Building Netflow Based NIDS Out of Open Source Components, Michal Kuffa (EN)
- 12:20 Lunch break
- 13:45 Building And Deploying Containerized Python Apps In the Cloud, Rodolfo Carvalho (EN)
- 14:40 Automating Distributed Tasks with Ansible In the Cloud, Büşra Köken (EN)
- 15:20 Vagrant - End of "It works on my machine" saga, Věroš Kaplan (CZ)
- 16:00 Personalised Emails Using Python and Spark, Tomáš Širný (SK)
- 16:45 Automated Measurements Using Python, Matúš Rehák (SK)

## SUNDAY

## TURING LECTURE HALL

### 9:00-17:00 Workshops

- Python clinic
- Workshops and sprints

## SUNDAY

## BABBAGE LECTURE HALL

### 8:30-18:30 Django Girls Workshop

Workshop for girls who would love to become web developers. For registered participants only.

## 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/>)

# 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](mailto:feedback@pycon.sk).